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## Information technology — Universal coded character set (UCS)

### AMENDMENT 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypro- Minoan, and other characters

*Technologies de l'information — Jeu universel de caractères codés  
(JUC)*

*AMENDEMENT 1: Supplément H aux idéogrammes unifiés CJK,  
Vithkuqi, vieux-ouïghour, Chypre-minoen, et autres caractères*



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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

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# Information technology — Universal Coded Character Set (UCS) —

## AMENDMENT 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypro-Minoan, and other characters

### Clause 2 Normative references

Update the following references:

Unicode Standard Annex, UAX #9, *The Unicode Bidirectional Algorithm*:

<https://www.unicode.org/reports/tr9/tr9-46.html>

Unicode Standard Annex, UAX #15, *Unicode Normalization Forms*:

<https://www.unicode.org/reports/tr15/tr15-53.html>

Unicode Technical Standard, UTS #37, *Ideographic Variation Database*:

<http://www.unicode.org/reports/tr37/tr37-12.html>

Unicode Standard Version 15.0, *Chapter 4, Character Properties*:

<https://www.unicode.org/versions/Unicode15.0.0/ch04.pdf>

Section 4.3, *Combining Classes* – Normative

Section 4.5, *General Category* – Normative

Section 4.7, *Bidi Mirrored* – Normative

Unicode Standard Version 15.0, *Age Property*:

<https://www.unicode.org/Public/15.0.0/ucd/DerivedAge.txt>

Insert the new reference:

Unicode Standard Version 15.0, *Character Name Aliases*:

<https://www.unicode.org/Public/15.0.0/ucd/NameAliases.txt>

### 7.4 Naming of characters

In the paragraph after list item g), replace the sentence as follows:

Some characters may have one or more alternate names, called character name aliases. See 7.5.

Introduce a new sub-clause 7.5 with a new Table 2, renumbering the following tables and sub-clauses as appropriate.

#### 7.5 Character name aliases

This document has a mechanism for the publication of additional, normative formal aliases for characters. These formal aliases are known as character name aliases. They function essentially as auxiliary names for a character. Their main usage is to provide correction for known mistakes in character names, but they have other usages such as providing string identifiers for control functions. Character name aliases are listed in the file NameAliases.txt (see Clause 2). That file also documents the 'type' field which distinguishes among different kinds of character name aliases, as shown in Table 2.

**Table 2: Types of character name aliases**

| Type         | Description                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------|
| correction   | Corrections for mistakes in the character names which cannot be fixed after publication of the standard               |
| control      | ISO/IEC 6429 names for C0 and C1 control functions, and other commonly occurring names for these control functions    |
| alternate    | Widely used alternate names for format characters                                                                     |
| figment      | Several documented labels for C1 control code points which were never actually approved in any standard               |
| abbreviation | Commonly occurring abbreviations or acronyms for control functions, format characters, spaces and variation selectors |

Character name aliases follow the same rules as character names. See Clause 27.

## 8 Revision and updating of the UCS

Remove the NOTE which is superseded by sub-clause 7.5.

## 11 UCS Encoding schemes

### 11.5 UTF-16

Replace the third paragraph as follows:

In the absence of signature or a higher-level protocol, the octet order of the UTF-16 encoding scheme is that the more significant octet precedes the less significant octet.

## 12 Use of control functions with the UCS

Replace NOTE 3 with the following text and note:

Control functions have associated string identifiers specified by the 'control' type in the file Name-sAliases.txt (see Clause 2). Many of these control functions have multiple identifiers based on various environments.

NOTE 3: For example, the control characters 000E and 000F are named SHIFT-OUT and SHIFT-IN respectively in a 7-bit environment and LOCKING-SHIFT ONE and LOCKING-SHIFT ZERO respectively in an 8-bit environment.

## 17.6 Variation selector and variation sequences

### 17.6.1 General

In the second paragraph, replace 'three Mongolian Free Variation Selectors (FVS1 to FVS3)' by 'four Mongolian Free Variation Selectors (FVS1 to FVS4)'.

### 17.6.2 Standardized variations sequences

In the list item describing Mathematical symbols, remove the note and add the following sentence after 'Mathematical symbol':

Some variation sequences are used to describe a graphic variant while others are used to describe style variant such as Chancery style versus roundhand style.

Add a new list item after CJK Unified Ideographs:

- Egyptian hieroglyphs. Each of these variation sequences correspond to a rotated Egyptian hieroglyph (90, 180, and 270 degrees).

In the first paragraph, update the link with following:

<https://standards.iso.org/iso-iec/10646/ed-6/en/amd/1/UCSVariants.txt>

#### 24.1 List of source references (for CJK ideographs)

In the list of Hanzi G sources, update the following entries as follows:

|     |                                                                                                                                                                             |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GHC | HanYu Dacidian (汉语大词典), 1986 年, 上海辞书出版社, 9187.11 / 1988-1993 年, 汉语大词典出版社 (found in 1988), ISBN 7-5432-0001-5/H.2                                                            |
| GKJ | China National Committee for Terms in Sciences and Technologies (CNCTST), names of geology, botanical and zoology terms, WG2 N5072, Chinese medicine characters, IRG N2228. |

In the list of Hanzi G sources, insert the following entries:

|       |                                                                                                                                       |
|-------|---------------------------------------------------------------------------------------------------------------------------------------|
| GDM   | Place name characters from the Public Order Administration, Ministry of Public Security, People's Republic of China                   |
| GXM   | Human-name characters. Source from Public Order Administration, The Ministry of Public Security of the People's Republic of China     |
| GZA-1 | A Vibrant and Unbroken Transmission - Filial Piety and Zhuang Funeral Songs 生生不息的传承•孝与壮族行孝歌之研究, 2010 年北京民族出版社, ISBN 978-7-1051-0648-6 |
| GZA-2 | Annotated Long Zhuang Morality Songs 壮族伦理道德长诗传扬歌译注, 2005 年广西民族出版社, ISBN 7-5363-4922-X                                                 |
| GZA-3 | Compendium of Old Zhuang Folksong Texts - Wooing Songs vol. 1 - Liao Songs 壮族民歌古籍集成•情歌(一) 嘹歌, 1993 广西民族出版社, ISBN 7-5363-2714-5        |
| GZA-4 | Compendium of Old Zhuang Folksong Texts - Wooing Songs vol. 2 - Fwen Nganx 壮族民歌古籍集成•情歌(二) 欢榔, 1997 年南宁广西民族出版社, ISBN 7-5363-3298-X     |
| GZA-5 | Zhuang Character Database - Internet Collection 方块壮字资料库·网络集 2011 年广西大学, 桂 ICP 备 05000940 号                                            |
| GZA-6 | Zhuang Proverbs from China 中国壮族谚语 2015 广州世界图书出版广东有限公司, ISBN 978-7-192-0492-1                                                          |
| GZA-7 | Ancient Remembrance - Zhuang Creation Myth Songs 远古的追忆•壮族创世神话古歌研究, 2012 年北京民族出版社, ISBN 978-7-1051-2242-4                              |

In the list of Hanzi M sources, remove the existing MAC entry and replace by following:

|         |                                                     |
|---------|-----------------------------------------------------|
| MA      | Same as Hong Kong Supplementary Character Set -2008 |
| MB1     | Big-5, level 1                                      |
| MB2     | Big-5, level 2                                      |
| MC      | Macao Supplementary Character Set (MSCS) - 2020     |
| MD, MDH | MSCS -2020, horizontal extension                    |

In the list of ChuNom V sources, update the V4 entry and add a new VN entry:

|    |                                                                                                                                                                                                                |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V4 | Kho Chũ Hán Nôm Mã Hoá (Hán Nôm Coded Character Repertoire), Hà Nội, 2007                                                                                                                                      |
| VN | Vietnamese Nôm characters not defined by V0 to V4 sources, major sources are: Nguyễn Quang Hồng. "Tự Điển Chũ Nôm Dẫn Giải". Hà Nội, 2014, and Anthony Trần Văn Kiệm "Giúp đọc Nôm và Hán Việt", Đà Nẵng, 2004 |

## 24.2 Source reference file for CJK ideographs

In the first paragraph, update the link with following:

<https://standards.iso.org/iso-iec/10646/ed-6/en/amd/1/CJKSrc.txt>

In Table 5, replace the existing value for kIRG\_Msource and add the format definitions to the existing G sources and V sources according to the list of third field format per the following table:

| Tag Value    | Third field format                                                                       |
|--------------|------------------------------------------------------------------------------------------|
| kIRG_Gsource | GDM-ddddd GXM-ddddd GZA-1ddddd GZA-2ddddd GZA-3ddddd GZA-4ddddd<br>GZA-6ddddd GZA-7ddddd |
| kIRG_Msource | MA-hhhh MB1-hhhh MB2-hhhh MC-ddddd MD-hhhh MD-hhhhh MDH-hhhh                             |
| kIRG_VSource | VN-hhhhh                                                                                 |

## 24.3 Source reference presentation for CJK UNIFIED IDEOGRAPHS block

### 24.3.1 General

Replace the first sentence of second paragraph as follows:

The graphic representation for the radical is shown immediately below the code point, along with the radical number, optionally followed by an apostrophe for simplified radicals, and the stroke count.

In last sentence of last paragraph, replace 'G, T, J, K, KP, V, H, M, and U' with 'G, T, J, K, KP, V, H, M, U, UK, and S'.

### 24.3.2 Source reference presentation for CJK UNIFIED IDEOGRAPHS

Replace the two first paragraphs with the following:

For the presentation of the CJK UNIFIED IDEOGRAPH block, the graphic representations for the Hanzi G, H, and T sources, the Kanji J source, the Hanja K source, and the ChuNom V source are shown in that order when present in a first row. That row is not shown if none of these sources are specified for that code point. An optional second row may be displayed to show the Hanzi M source, the Unicode U sources, the UK UK source, and the SAT S source. Because at least one of these ten sources (G, H, T, J, K, V, M, U, UK, and S) exists for any code point in that block, there is always one row visible for each code point in that block. The KP source glyphs are not show for that block for lack of suitable font.

Figure 2 shows an example for characters 4E00-4E09 and 4E14-4E1C.

| HEX           | C       |          |         |          |         | HEX           | C       |          |         |         |         | J       | K | V |
|---------------|---------|----------|---------|----------|---------|---------------|---------|----------|---------|---------|---------|---------|---|---|
| 4E00<br>— 1.0 | 一       | 一        | 一       | 一        | 一       | 4E14<br>— 1.4 | 且       | 且        | 且       | 且       | 且       | 且       | 且 | 且 |
|               | G0-523B | HB1-A440 | T1-4421 | J0-306C  | K0-6C69 | V1-4A21       | G0-4752 | HB1-A542 | T1-4562 | J0-336E | K0-7326 | V1-4A2D |   |   |
| 4E01<br>— 1.1 | 丁       | 丁        | 丁       | 丁        | 丁       | 4E15<br>— 1.4 | 丕       | 丕        | 丕       | 丕       | 丕       | 丕       | 丕 | 丕 |
|               | G0-3621 | HB1-A442 | T1-4423 | J0-437A  | K0-6F4B | V1-4A22       | G0-5827 | HB1-A541 | T1-4561 | J0-5023 | K0-5D60 | V1-4A2E |   |   |
| 4E02<br>— 1.1 | 𠂇       |          | 𠂇       | 𠂇        |         | 4E16<br>— 1.4 | 世       | 世        | 世       | 世       | 世       | 世       | 世 | 世 |
|               | G5-3021 |          | T4-2126 | J14-2122 |         |               | G0-4A40 | HB1-A540 | T1-4560 | J0-4024 | K0-6126 | V1-4A2F |   |   |
| 4E03<br>— 1.1 | 七       | 七        | 七       | 七        | 七       | 4E17<br>— 1.3 | 卅       |          | 卅       | 卅       |         |         |   |   |
|               | G0-465F | HB1-A443 | T1-4424 | J0-3C37  | K0-7652 | V1-4A23       | GE-3024 |          | T4-2155 | J0-5242 |         |         |   |   |
| 4E04<br>— 1.1 | 𠂇       | 𠂇        | 𠂇       | 𠂇        |         |               | 卅       |          |         |         |         |         |   |   |
|               | GE-3021 | H-9EB3   | T3-2126 | J1-3022  |         |               | MD-4E17 |          |         |         |         |         |   |   |
| 4E05<br>— 1.1 | 𠂇       |          | 𠂇       | 𠂇        |         | 4E18<br>— 1.4 | 丘       | 丘        | 丘       | 丘       | 丘       | 丘       | 丘 | 丘 |
|               | GE-3022 |          | T3-2125 | J1-3023  |         |               | G0-4770 | HB1-A543 | T1-4563 | J0-3558 | K0-4E78 | V1-4A30 |   |   |
| 4E06<br>— 1.1 | 𠂇       |          |         |          | 𠂇       | 4E19<br>— 1.4 | 丙       | 丙        | 丙       | 丙       | 丙       | 丙       | 丙 | 丙 |
|               | GK-6837 |          |         |          | K2-2121 |               | G0-317B | HB1-A4FE | T1-456F | J0-4A3A | K0-5C30 | V1-4A31 |   |   |
| 4E07<br>— 1.2 | 万       | 万        | 万       | 万        | 万       | 4E1A<br>— 1.4 | 业       | 业        |         |         |         |         |   |   |
|               | G0-4D72 | HB2-C945 | T2-2126 | J0-4B7C  | K0-5832 | V1-4A24       | G0-5235 | H-9EB2   |         |         |         |         |   |   |
| 4E08<br>— 1.2 | 丈       | 丈        | 丈       | 丈        | 丈       | 4E1B<br>— 1.4 | 从       | 从        |         |         |         |         |   |   |
|               | G0-5549 | HB1-A456 | T1-4437 | J0-3E66  | K0-6D6B | V1-4A25       | G0-3454 |          |         |         |         |         |   |   |
| 4E09<br>— 1.2 | 三       | 三        | 三       | 三        | 三       | 4E1C<br>— 1.4 | 东       | 东        |         |         |         |         |   |   |
|               | G0-487D | HB1-A454 | T1-4435 | J0-3B30  | K0-5F32 | V1-4A26       | G0-362B | H-9DD6   |         |         |         |         |   |   |

#### 24.3.4 Source reference presentation for CJK UNIFIED IDEOGRAPHS EXTENSION B

Remove the sub-clause 24.3.4 and update all of the following sub-clause numbers accordingly.

#### 24.3.5 Source reference presentation for CJK UNIFIED IDEOGRAPHS EXTENSION C, D, E, F, and G

Rename the sub-clause (now 24.3.4) as 'Source reference presentation for CJK UNIFIED IDEOGRAPHS EXTENSION B, C, D, E, F, G, and H'.

Replace the first paragraph with the following:

For the presentation of the CJK UNIFIED IDEOGRAPH EXTENSION B, C, D, E, F, G, and H blocks, up to two sources per characters are represented in a single row. If more than two sources exist, additional rows are used.

Update the Figure 5 title with following:

#### Figure 5 – Chart presentation for CJK UNIFIED IDEOGRAPHS EXTENSION B, C, D, E, F, G, and H

#### 25.3 Source Reference presentation for Tanguts ideographs

Replace 'Tanguts' by 'Tangut' in the subclause heading.

#### 26.2 Source Reference file for Nüshu characters

In the first paragraph, update the source reference file to the following:

<https://standards.iso.org/iso-iec/10646/ed-6/en/amd/1/NushuSrc.txt>

### 28 Named UCS Sequence Identifier

In the third paragraph, update the list of named UCS sequences file to the following:

<https://standards.iso.org/iso-iec/10646/ed-6/en/amd/1/NUSI.txt>

### 34.5 Code charts and lists of character names

Insert the additional character glyphs and names at the indicated positions in the blocks given below.

#### Plane 00

Arabic  
Arabic Extended-A  
Telugu  
Kannada  
Lao  
Tagalog  
Mongolian  
Combining Diacritical Marks Extended  
Balinese  
Combining Diacritical Marks Supplement  
Currency Symbols  
Glagolitic  
Supplemental Punctuation  
CJK Unified Ideographs  
Latin Extended-D  
Arabic Presentation Forms-A

#### Plane 01

Brahmi  
Kaithi  
Khojki  
Takri  
Ahom  
Egyptian Hieroglyphs  
Egyptian Hieroglyph Format Controls  
Kana Extended-A  
Small Kana Extension  
Musical Symbols  
Transport and Maps Symbols  
Alchemical Symbols  
Geometric Shapes Extended  
Supplemental Symbols and Pictographs  
Symbols and Pictographs Extended A  
CJK Unified Ideographs Extension B  
CJK Unified Ideographs Extension C

These blocks contain new characters and names at the following code positions:

061D 08B5 08C8-08D2 0C3C 0C5D 0CDD 0CF3 0ECE 170D 1715 171F 180F 1AC1-1ACE 1B4C 1B7D-1B7E 1DFA 20C0 2C2F 2C5F 2E53-2E5D 9FFD-9FFF A7C0-A7C1 A7D0-A7D1 A7D3 A7D5-A7D9 A7F2-A7F4 FBC2 FD40-FD4F FDCF FDFE-FDFF 11070-11075 110C2 1123F-11241 116B9 11740-11746

1342F 13439-13455 1B11F-1B122 1B132 1B155 1D1E9-1D1EA 1F6DC-1F6DF 1F774-1F776 1F77B-1F77F 1F7D9 1F7F0 1F979 1F9CC 1FA75-1FA77 1FA7B-1FA7C 1FA87-1FA88 1FAA9-1FAAF 1FAB7-1FABD 1FABF 1FAC3-1FAC5 1FACE-1FACF 1FAD7-1FADB 1FAE0-1FAE8 1FAF0-1FAF8 2A6DE-2A6DF 2B735-2B739

Insert the following additional blocks.

### Plane 00

Arabic Extended-B

Plane 01

Vithkuqi

Latin Extended-F

Arabic Extended-C

Old Uyghur

Unified Canadian Aboriginal Syllabics Extended -A

Devanagari Extended-A

Kawi

Cypro-Minoan

Tangsa

Kana Extended-B

Znamenny Musical Notation

Kaktovik Numerals

Latin Extended-G

Cyrillic Extended-D

Toto

Nag Mundari

Ethiopic Extended-B

CJK Unified Ideographs Extension H

These blocks add new characters and names at the following code positions:

0870-088E 0890-0891 0898-089F 10570-1057A 1057C-1058A 1058C-10592 10594-10595 10597-105A1 105A3-105B1 105B3-105B9 105BB-105BC 10780-10785 10787-107B0 107B2-107BA 10EFD-10EFF 10F70-10F89 11AB0-11ABF 11B00-11B09 11F00-11F10 11F12-11F3A 11F3E-11F59 12F90-12FF2 16A70-16ABE 16AC0-16AC9 1AFF0-1AFF3 1AFF5-1AFFB 1AFFD-1AFFE 1CF00-1CF2D 1CF30-1CF46 1CF50-1CFC3 1D2C0-1D2D3 1DF00-1DF1E 1DF25-1DF2A 1E030-1E06D 1E08F 1E290-1E2AE 1E4D0-1E4F9 1E7E0-1E7E6 1E7B8-1E7EB 1E7ED-1E7EE 1E7F0-1E7FE 31350-323AF

These following code positions have updated glyphs in the code charts and in the list of character names:

0184-0185 025E 029A 0616 0674-0678 06C5 06C7 06FE 144B 14D1 1506 15C0-15C3 15E8-15EE 1601 1604-1607 160A-160D 1614-162D 1630-163F 1646 1647 165A 18DB 18EC 18F1 18F2 18F5 1BBF 210B 2110 2112 211B 212C 2130-2131 2133 2447 2460-24FF 2776-2793 3001-3029 3030-303D 303F 31C0-31E3 31F0-31FF 3200-321E 3220-32FF 3300-33FF 34DC 3777 3B3F 3BF6 3C43 48B4 4DBE 585F 5AB4 5DD5 5F50 652C 6AC0 6BC0 741F 74A4 74B8 7807 7A66 7BC9 833E 93AB A66E F936 FA70-FA76 FA78-FA95 FA97-FA98 FA9A-FAD9 FBD7-FBD8 FBDD FBE0-FBE1 FBF0-FBF1 FD44 FDCF FE10-FE19 FE30-FE4F FE50-FE52 FE54-FE66 FE68-FE6B FF01-FF9F FFA1-FFBE FFC2-FFC7 FFCA-FFCF FFD2-FFD7 FFDA-FFDC FFE0-FFE6 FFE8-FFEE 10C47 1300A 13017 1302D 13032 13034-13035 13037-13038 1303A-1303E 1304E-1304F 13055 13057 13068 1306F 13091-13093 1309A 130A9 130D2 130D5 130E8 130F6 130FE 1310F 13117 1311C 13121 13127 13139 13183 13187 13192 131A0 131B1 131B8-131BA 131CB 131EE 131F8-131FA 13216 13229 13247 13257 1325F 13267 1326A 1327B 1327F 13281 13285 1328C 13297 1329E 132A4 132AA 132B4 132C1 132CB 132DC 132E6-132E7 132E9 132F8 132FD 13302-13304 13307-13308 13310-13314 1331B-1331C 1331F 13321-13322 13331 1333B-1333C 1334A 13361 13373 13377-1337B 1337D-1337E 13385 13399-1339A 133AF-133B0 133BF 133D3 133DD 133F2-133F3 133F5 133F6 133FA-13403 1340D 13416-13417 13419-1341A 13423 1342B-1342C 1342E 18CCA 1D49C 1D49E-1D49F 1D4A2 1D4A5-1D4A6 1D4A9-1D4AC 1D4AE-1D4B5 1E2C0-1E2F9 1E2FF 1F100-1F1AD 1F1E6-1F1FF 1F200-1F202 1F210-1F23B 1F240-1F248 1F250-1F251 1F260-1F265 1F930 20048 20A1C 2143F



21A5F 21C08 21FBA 22ACF 22ADC 230F2 23392 238A7 23D8F 23F4E 25B27 25D20 26E30 26F28  
 27BF8 27C4F 28633 28B02 28E9A 29760 2A60F 2A84E 2AF4F 2B15C 2B249 2BB37 2BD7D 2C151  
 2C1E0 2C2D6 2C5CA 2C810 2CD34 2CF4E 2D25D 2D3EC 2D6A7 2D7BA 2D979 2DA74 2DA97 2DC13  
 2DDC0 2DF10 2DF78 2E05A 2E0AE 2E516 2E640 2E680 2EA63 2F804-2F805 2F833 2F835 2F84C  
 2F84F 2F852 2F855 2F887 2F88B 2F899 2F8A0 2F8A6-2F8A7 2F8AD 2F8B1 2F8B4 2F8B7 2F8BA  
 2F8D0 2F8E0-2F8E2 2F8E5-2F8E6 2F8FE 2F900-2F901 2F907 2F912 2F922 2F926 2F936 2F938  
 2F94E 2F959 2F95F 2F96C 2F99F 2F9B8 2F9BA 2F9D3 2F9DB-2F9DC 2F9E8 2F9EA 2F9EE 2FA00  
 2FA0D 2FA1B 302FC 30723 30759 30A6D 30CF7 30DBF 31006 3105D

### A.1

In the list of collection numbers and names, make the following collection fixed by adding a '\*' at end of line:

14 BASIC ARABIC \*  
 60 CJK UNIFIED IDEOGRAPHS \*  
 117 COMBINING DIACRITICAL MARKS SUPPLEMENT \*  
 118 GLAGOLITIC \*  
 160 ARABIC EXTENDED-A \*  
 1101 SUPPLEMENTAL SYMBOLS AND PICTOGRAPHS \*  
 2001 CJK UNIFIED IDEOGRAPHS EXTENSION-B \*

In the list of collection numbers and names, after

169 GEORGIAN EXTENDED

insert the new entry as follows:

170 ARABIC EXTENDED-B 0870-089F

In the list of collection numbers and names, modify the range of collection 1123 as follows:

1123 EGYPTIAN HIEROGLYPHS FORMAT  
 CONTROL 13430-1345F

In the list of collection numbers and names, after

1134 TANGUT SUPPLEMENT

insert the new entries as follows:

|                                                          |               |
|----------------------------------------------------------|---------------|
| 1135 VITHKUQI                                            | 10570-105BF   |
| 1136 LATIN EXTENDED-F                                    | 10780-107BF   |
| 1137 ARABIC EXTENDED-C                                   | 10EC0-10EFF   |
| 1138 OLD UYGHUR                                          | 10F70-10FAF   |
| 1139 UNIFIED CANADIAN ABORIGINAL<br>SYLLABICS EXTENDED-A | 11AB0-11ABF * |
| 1140 DEVANAGARI EXTENDED-A                               | 11B00-11B5F   |
| 1141 KAWI                                                | 11F00-11F5F   |
| 1142 CYPRO-MINOAN                                        | 12F90-12FFF   |
| 1143 TANGSA                                              | 16A70-16ACF   |
| 1144 KANA EXTENDED-B                                     | 1AFF0-1AFFF   |
| 1145 ZNAMENNY MUSICAL NOTATION                           | 1CF00-1CFCF   |
| 1146 KAKTOVIK NUMERALS                                   | 1D2C0-1D2DF   |
| 1147 LATIN EXTENDED-G                                    | 1DF00-1DFFF   |
| 1148 CYRILLIC EXTENDED-D                                 | 1E030-1E08F   |
| 1149 TOTO                                                | 1E290-1E2BF   |
| 1150 NAG MUNDARI                                         | 1E4D0-1E4FF   |
| 1151 ETHIOPIC EXTENDED-B                                 | 1E7E0-1E7FF   |

In the list of collection numbers and names, after

2007 CJK UNIFIED IDEOGRAPHS EXTENSION G

insert the new entry as follows:

|                                         |             |
|-----------------------------------------|-------------|
| 2008 CJK UNIFIED IDEOGRAPHS EXTENSION H | 31350-323AF |
|-----------------------------------------|-------------|

In the list of collection numbers and names, after

321 UNICODE 13.0

insert the new entries as follows:

|     |              |           |
|-----|--------------|-----------|
| 322 | UNICODE 14.0 | see A.6 * |
| 323 | UNICODE 15.0 | see A.6 * |

In the list of collection numbers and names, after

392 CJK UNIFIED IDEOGRAPHS-2020

insert the new entry as follows:

|     |                             |                                   |
|-----|-----------------------------|-----------------------------------|
| 393 | CJK UNIFIED IDEOGRAPHS-2022 | Collections 392 2008 *            |
|     |                             | 9FFD-9FFF 2A6DE-2A6DF 2B735-2B738 |

### A.1, NOTE 3

In the alphabetical list of keywords in NOTE 3, add the values 170 and 1137 to Arabic entry, the values 319-323 to Unicode, the values 1136 and 1147 to the Latin entry, the value 1139 to the Canadian Aboriginal entry, the value 1140 to the Devanagari entry, the value 1144 to the Katakana entry, the value 1148 to the Cyrillic entry, the value 1151 to the Ethiopic entry, the value 2008 to the CJK entry; and insert the following entries:

|                           |      |
|---------------------------|------|
| Cypro-Minoan              | 1142 |
| Kaktovik numerals         | 1146 |
| Kawi                      | 1141 |
| Nag Mundari               | 1150 |
| Old Uyghur                | 1138 |
| Tangsa                    | 1143 |
| Toto                      | 1149 |
| Vithkuqi                  | 1136 |
| Znamenny musical notation | 1145 |

### A.2.1

In the list of blocks in the BMP, insert the following new entries:

|                   |           |
|-------------------|-----------|
| ARABIC EXTENDED-B | 0870-089F |
|-------------------|-----------|

### A.2.2

In the list of blocks in the SMP, update the following new entry as follows:

|                                     |             |
|-------------------------------------|-------------|
| EGYPTIAN HIEROGLYPHS FORMAT CONTROL | 13430-1345F |
|-------------------------------------|-------------|

In the list of blocks in the SMP, insert the following new entries:

|                   |             |
|-------------------|-------------|
| VITHKUQI          | 10570-105BF |
| LATIN EXTENDED-F  | 10780-107BF |
| ARABIC EXTENDED-C | 10EC0-10EFF |
| OLD UYGHUR        | 10F70-10FAF |

|                                       |             |
|---------------------------------------|-------------|
| UNIFIED CANADIAN ABORIGINAL SYLLABICS |             |
| EXTENDED-A                            | 11AB0-11ABF |
| DEVANAGARI EXTENDED-A                 | 11B00-11B5F |
| KAWI                                  | 11F00-11F5F |
| CYPRO-MINOAN                          | 12F90-12FFF |
| TANGSA                                | 16A70-16ACF |
| KANA EXTENDED-B                       | 1AFF0-1AFFF |
| ZNAMENNY MUSICAL NOTATION             | 1CF00-1CFCF |
| KAKTOVIK NUMERALS                     | 1D2C0-1D2DF |
| LATIN EXTENDED-G                      | 1DF00-1DFFF |
| CYRILLIC EXTENDED-D                   | 1E030-1E08F |
| TOTO                                  | 1E290-1E2BF |
| NAG MUNDARI                           | 1E4D0-1E4FF |
| ETHIOPIC EXTENDED-B                   | 1E7E0-1E7FF |

#### A.6 Unicode collections

Insert the new entry as follows:

|                  |                                               |
|------------------|-----------------------------------------------|
| 322 UNICODE 14.0 | Age property value less than or equal to 14.0 |
| 323 UNICODE 15.0 | Age property value less than or equal to 15.0 |

#### Annex G

Insert each of the new character name entries at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex G. These new names are provided in a machine-readable format that is accessible as a link to this document.

<https://standards.iso.org/iso-iec/10646/ed-6/en/amd/1/Am1names.txt>

|   | 018    | 019    | 01A    | 01B    | 01C    | 01D    | 01E    | 01F     | 020    | 021    | 022    | 023    | 024    |
|---|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| 0 | Ħ 0180 | Ɛ 0190 | Ɔ 01A0 | Ʃ 01B0 | ǀ 01C0 | ǃ 01D0 | Ā 01E0 | ǰ 01F0  | À 0200 | Ẁ 0210 | ŋ 0220 | Ȫ 0230 | Ʒ 0240 |
| 1 | Ɓ 0181 | Ƒ 0191 | σ 01A1 | Ʈ 01B1 | ǁ 01C1 | Ǫ 01D1 | ā 01E1 | DZ 01F1 | à 0201 | ẁ 0211 | ƒ 0221 | ȫ 0231 | ƹ 0241 |
| 2 | Б 0182 | ƒ 0192 | Ɔ 01A2 | Ʈ 01B2 | ǂ 01C2 | Ǆ 01D2 | Ā 01E2 | Dz 01F2 | Â 0202 | Ẃ 0212 | 8 0222 | Ȭ 0232 | ƹ 0242 |
| 3 | б 0183 | Ƒ 0193 | σ 01A3 | Ʈ 01B3 | ǃ 01C3 | ǅ 01D3 | æ 01E3 | dz 01F3 | â 0203 | ẃ 0213 | 8 0223 | ȭ 0233 | ƹ 0243 |
| 4 | Ɂ 0184 | Ƒ 0194 | Ɔ 01A4 | Ʈ 01B4 | Ǆ 01C4 | ǆ 01D4 | Ĝ 01E4 | Ĝ 01F4  | È 0204 | Û 0214 | Ʒ 0224 | ł 0234 | ƹ 0244 |
| 5 | ɂ 0185 | h 0195 | Ɔ 01A5 | Ʈ 01B5 | ǅ 01C5 | Ǉ 01D5 | g 01E5 | g 01F5  | è 0205 | ü 0215 | Ʒ 0225 | ŋ 0235 | Λ 0245 |
| 6 | Ɔ 0186 | l 0196 | Ɔ 01A6 | Ʈ 01B6 | ǆ 01C6 | ǈ 01D6 | Ĝ 01E6 | Ĝ 01F6  | Ê 0206 | Û 0216 | À 0226 | ł 0236 | ƹ 0246 |
| 7 | Ć 0187 | Ƒ 0197 | Ɔ 01A7 | Ʈ 01B7 | Ǉ 01C7 | ǉ 01D7 | ĝ 01E7 | ƒ 01F7  | ê 0207 | û 0217 | à 0227 | Ʒ 0237 | ƹ 0247 |
| 8 | ć 0188 | Ƒ 0198 | Ɔ 01A8 | Ʈ 01B8 | ǈ 01C8 | Ǌ 01D8 | Ķ 01E8 | Ñ 01F8  | Ĭ 0208 | Ş 0218 | Ƒ 0228 | Ɔ 0238 | ƹ 0248 |
| 9 | Đ 0189 | Ƒ 0199 | Ɔ 01A9 | Ʈ 01B9 | ǉ 01C9 | ǋ 01D9 | ķ 01E9 | ñ 01F9  | ĭ 0209 | ş 0219 | Ƒ 0229 | Ɔ 0239 | ƹ 0249 |
| A | Đ 018A | Ƒ 019A | Ɔ 01AA | Ʈ 01BA | Ǌ 01CA | ǌ 01DA | Ų 01EA | Á 01FA  | Î 020A | Ț 021A | Ȫ 022A | Ɔ 023A | ƹ 024A |
| B | đ 018B | Ƒ 019B | Ɔ 01AB | Ʈ 01BB | ǋ 01CB | Ǎ 01DB | Ų 01EB | á 01FB  | î 020B | ț 021B | ȫ 022B | Ɔ 023B | ƹ 024B |
| C | đ 018C | Ƒ 019C | Ɔ 01AC | Ʈ 01BC | ǌ 01CC | ǎ 01DC | Ų 01EC | Á 01FC  | Ò 020C | Ț 021C | Ȫ 022C | Ɔ 023C | ƹ 024C |
| D | đ 018D | Ƒ 019D | Ɔ 01AD | Ʈ 01BD | ǎ 01CD | Ǐ 01DD | Ų 01ED | á 01FD  | ò 020D | Ț 021D | Ȫ 022D | Ɔ 023D | ƹ 024D |
| E | Ɔ 018E | Ƒ 019E | Ɔ 01AE | Ʈ 01BE | Ǐ 01CE | ǎ 01DE | Ž 01EE | Ø 01FE  | Ô 020E | Ĥ 021E | Ȫ 022E | Ɔ 023E | ƹ 024E |
| F | Ɔ 018F | Ƒ 019F | Ɔ 01AF | Ʈ 01BF | ǎ 01CF | ǎ 01DF | ž 01EF | ø 01FF  | ô 020F | ħ 021F | ò 022F | Ʒ 023F | ƹ 024F |

**Non-European and historic Latin**

- 0180 **Ĳ** LATIN SMALL LETTER B WITH STROKE
- Americanist and Indo-Europeanist usage for phonetic beta
  - Americanist orthographies use an alternate glyph with the stroke through the bowl
  - Old Saxon
  - uppercase is 0243 **ᚷ**
  - 03B2 **β** greek small letter beta
  - 2422 **𐌲** blank symbol
- 0181 **ᚷ** LATIN CAPITAL LETTER B WITH HOOK
- Zulu, Pan-Nigerian alphabet
  - lowercase is 0253 **ᚹ**
- 0182 **ᚸ** LATIN CAPITAL LETTER B WITH TOPBAR
- 0183 **ᚹ** LATIN SMALL LETTER B WITH TOPBAR
- Zhuang (old orthography)
  - former Soviet minority language scripts
  - 0411 **ᚺ** cyrillic capital letter be
- 0184 **ᚻ** LATIN CAPITAL LETTER TONE SIX
- 0185 **ᚼ** LATIN SMALL LETTER TONE SIX
- Zhuang (old orthography)
  - Zhuang tone three is Cyrillic ze
  - Zhuang tone four is Cyrillic che
  - 01A8 **ᚾ** latin small letter tone two
  - 01BD **ᚿ** latin small letter tone five
  - 0437 **ᚿ** cyrillic small letter ze
  - 0447 **ᚿ** cyrillic small letter che
  - 044C **ᚿ** cyrillic small letter soft sign
- 0186 **ᚾ** LATIN CAPITAL LETTER OPEN O
- typographically a turned C
  - African
  - lowercase is 0254 **ᚿ**
- 0187 **ᚿ** LATIN CAPITAL LETTER C WITH HOOK
- 0188 **ᚿ** LATIN SMALL LETTER C WITH HOOK
- African
- 0189 **ᚿ** LATIN CAPITAL LETTER AFRICAN D
- Ewe
  - lowercase is 0256 **ᚿ**
  - 00D0 **ᚿ** latin capital letter eth
  - 0110 **ᚿ** latin capital letter d with stroke
- 018A **ᚿ** LATIN CAPITAL LETTER D WITH HOOK
- Pan-Nigerian alphabet
  - lowercase is 0257 **ᚿ**
- 018B **ᚿ** LATIN CAPITAL LETTER D WITH TOPBAR
- 018C **ᚿ** LATIN SMALL LETTER D WITH TOPBAR
- former-Soviet minority language scripts
  - Zhuang (old orthography)
- 018D **ᚿ** LATIN SMALL LETTER TURNED DELTA
- = reversed Polish-hook o
  - archaic phonetic for labialized alveolar fricative
  - recommended spellings 007A **ᚿ** 02B7 **ᚿ** or 007A **ᚿ** 032B **ᚿ**
- 018E **ᚿ** LATIN CAPITAL LETTER REVERSED E
- = turned e
  - Pan-Nigerian alphabet
  - lowercase is 01DD **ᚿ**
- 018F **ᚿ** LATIN CAPITAL LETTER SCHWA
- Azerbaijani, ...
  - lowercase is 0259 **ᚿ**
  - 04D8 **ᚿ** cyrillic capital letter schwa

- 0190 **ᚿ** LATIN CAPITAL LETTER OPEN E
- = epsilon
  - African
  - lowercase is 025B **ᚿ**
  - 2107 **ᚿ** euler constant
  - 218B **ᚿ** turned digit three
- 0191 **ᚿ** LATIN CAPITAL LETTER F WITH HOOK
- African
  - A798 **ᚿ** latin capital letter f with stroke
- 0192 **ᚿ** LATIN SMALL LETTER F WITH HOOK
- = script f
  - = Florin currency symbol (Netherlands)
  - = function symbol
  - used as abbreviation convention for folder
- 0193 **ᚿ** LATIN CAPITAL LETTER G WITH HOOK
- African
  - lowercase is 0260 **ᚿ**
- 0194 **ᚿ** LATIN CAPITAL LETTER GAMMA
- African
  - lowercase is 0263 **ᚿ**
- 0195 **ᚿ** LATIN SMALL LETTER HV
- Gothic transliteration
  - uppercase is 01F6 **ᚿ**
- 0196 **ᚿ** LATIN CAPITAL LETTER IOTA
- African
  - lowercase is 0269 **ᚿ**
- 0197 **ᚿ** LATIN CAPITAL LETTER I WITH STROKE
- = barred i, i bar
  - African
  - lowercase is 0268 **ᚿ**
  - ISO 6438 gives lowercase as 026A **ᚿ**, not 0268 **ᚿ**
  - 026A **ᚿ** latin letter small capital i
- 0198 **ᚿ** LATIN CAPITAL LETTER K WITH HOOK
- 0199 **ᚿ** LATIN SMALL LETTER K WITH HOOK
- Hausa, Pan-Nigerian alphabet
- 019A **ᚿ** LATIN SMALL LETTER L WITH BAR
- = barred l
  - Americanist phonetic usage for 026C **ᚿ**
  - uppercase is 023D **ᚿ**
  - 0142 **ᚿ** latin small letter l with stroke
- 019B **ᚿ** LATIN SMALL LETTER LAMBDA WITH STROKE
- = barred lambda, lambda bar
  - Americanist phonetic usage
- 019C **ᚿ** LATIN CAPITAL LETTER TURNED M
- Zhuang (old orthography)
  - lowercase is 026F **ᚿ**
- 019D **ᚿ** LATIN CAPITAL LETTER N WITH LEFT HOOK
- African
  - lowercase is 0272 **ᚿ**
- 019E **ᚿ** LATIN SMALL LETTER N WITH LONG RIGHT LEG
- archaic phonetic for Japanese 3093 **ᚿ**
  - recommended spelling for syllabic n is 006E **ᚿ** 0329 **ᚿ**
  - Lakota (indicates nasalization of vowel)
  - uppercase is 0220 **ᚿ**
- 019F **ᚿ** LATIN CAPITAL LETTER O WITH MIDDLE TILDE
- = barred o, o bar
  - lowercase is 0275 **ᚿ**
  - African
  - 04E8 **ᚿ** cyrillic capital letter barred o
- 01A0 **ᚿ** LATIN CAPITAL LETTER O WITH HORN
- = 004F **ᚿ** 031B **ᚿ**

## 01A1

## Latin Extended-B

## 01C1

|      |    |                                                                               |                                   |    |                                                                                          |
|------|----|-------------------------------------------------------------------------------|-----------------------------------|----|------------------------------------------------------------------------------------------|
| 01A1 | ơ  | LATIN SMALL LETTER O WITH HORN                                                | 01B5                              | Z̸ | LATIN CAPITAL LETTER Z WITH STROKE                                                       |
|      |    | • Vietnamese                                                                  | 01B6                              | z̸ | LATIN SMALL LETTER Z WITH STROKE                                                         |
|      |    | ≡ 006F ơ 031B ơ                                                               |                                   |    | = barred z, z bar                                                                        |
| 01A2 | O̸ | LATIN CAPITAL LETTER OI                                                       |                                   |    | • Pan-Turkic Latin orthography                                                           |
|      |    | × LATIN CAPITAL LETTER GHA                                                    |                                   |    | • handwritten variant of Latin “z”                                                       |
| 01A3 | o̸ | LATIN SMALL LETTER OI                                                         | 01B7                              | Ʒ  | LATIN CAPITAL LETTER EZH                                                                 |
|      |    | × LATIN SMALL LETTER GHA                                                      |                                   |    | • African, Skolt Sami                                                                    |
|      |    | • Pan-Turkic Latin alphabets                                                  |                                   |    | • lowercase is 0292 Ʒ                                                                    |
| 01A4 | P̸ | LATIN CAPITAL LETTER P WITH HOOK                                              |                                   |    | → 021C Ʒ latin capital letter yogh                                                       |
| 01A5 | p̸ | LATIN SMALL LETTER P WITH HOOK                                                |                                   |    | → 04E0 Ʒ cyrillic capital letter abkhassian dze                                          |
|      |    | • African                                                                     | 01B8                              | Ʒ̸ | LATIN CAPITAL LETTER EZH REVERSED                                                        |
| 01A6 | R̸ | LATIN LETTER YR                                                               | 01B9                              | Ʒ̸ | LATIN SMALL LETTER EZH REVERSED                                                          |
|      |    | • Old Norse                                                                   |                                   |    | • archaic phonetic for voiced pharyngeal fricative                                       |
|      |    | • from German Standard DIN 31624 and ISO 5426-2                               |                                   |    | • sometimes typographically rendered with a turned digit 3                               |
|      |    | • lowercase is 0280 r̸                                                        |                                   |    | • recommended spelling 0295 Ʒ̸                                                           |
| 01A7 | Ɔ  | LATIN CAPITAL LETTER TONE TWO                                                 |                                   |    | → 0295 Ʒ̸ latin letter pharyngeal voiced fricative                                       |
| 01A8 | ɔ̸ | LATIN SMALL LETTER TONE TWO                                                   |                                   |    | → 0639 ɔ̸ arabic letter ain                                                              |
|      |    | • Zhuang (old orthography)                                                    | 01BA                              | Ʒ̸ | LATIN SMALL LETTER EZH WITH TAIL                                                         |
|      |    | • typographically a reversed S                                                |                                   |    | • archaic phonetic for labialized voiced palatoalveolar or palatal fricative             |
|      |    | → 0185 ɔ̸ latin small letter tone six                                         |                                   |    | • Twi                                                                                    |
| 01A9 | Σ  | LATIN CAPITAL LETTER ESH                                                      |                                   |    | • recommended spellings 0292 Ʒ̸ 02B7 ʷ or 006A j̸ 02B7 ʷ                                 |
|      |    | • African                                                                     | 01BB                              | 2̸ | LATIN LETTER TWO WITH STROKE                                                             |
|      |    | • lowercase is 0283 Ʒ̸                                                        |                                   |    | • archaic phonetic for [dz] affricate                                                    |
|      |    | → 03A3 Σ greek capital letter sigma                                           |                                   |    | • recommended spellings 0292 Ʒ̸ or 0064 d̸                                               |
| 01AA | ɹ̸ | LATIN LETTER REVERSED ESH LOOP                                                |                                   |    | 007A z̸                                                                                  |
|      |    | • archaic phonetic for labialized palatoalveolar or palatal fricative         | 01BC                              | 5̸ | LATIN CAPITAL LETTER TONE FIVE                                                           |
|      |    | • Twi                                                                         | 01BD                              | 5̸ | LATIN SMALL LETTER TONE FIVE                                                             |
|      |    | • recommended spellings 0283 Ʒ̸ 02B7 ʷ, 00E7 ɹ̸ 02B7 ʷ, 0068 h̸ 0265 ɹ̸, etc. |                                   |    | • Zhuang (old orthography)                                                               |
| 01AB | ɿ̸ | LATIN SMALL LETTER T WITH PALATAL HOOK                                        |                                   |    | → 0185 ɿ̸ latin small letter tone six                                                    |
|      |    | • archaic phonetic for palatalized alveolar or dental stop                    | 01BE                              | ʂ̸ | LATIN LETTER INVERTED GLOTTAL STOP WITH STROKE                                           |
|      |    | • recommended spelling 0074 ɿ̸ 02B7 j̸                                        |                                   |    | • archaic phonetic for [ts] affricate                                                    |
| 01AC | T̸ | LATIN CAPITAL LETTER T WITH HOOK                                              |                                   |    | • recommended spelling 0074 ɿ̸ 0073 s̸                                                   |
|      |    | • a glyph variant with hook at the right also occurs                          |                                   |    | • letter form is actually derived from ligation of ts, rather than inverted glottal stop |
| 01AD | ƒ̸ | LATIN SMALL LETTER T WITH HOOK                                                | 01BF                              | p̸ | LATIN LETTER WYNN                                                                        |
|      |    | • African                                                                     |                                   |    | = wen                                                                                    |
| 01AE | T̸ | LATIN CAPITAL LETTER T WITH RETROFLEX HOOK                                    |                                   |    | • Runic letter borrowed into Latin script                                                |
|      |    | • African                                                                     |                                   |    | • replaced by “w” in modern transcriptions of Old English                                |
|      |    | • lowercase is 0288 ɿ̸                                                        |                                   |    | • uppercase is 01F7 Ɔ̸                                                                   |
| 01AF | Ư̸ | LATIN CAPITAL LETTER U WITH HORN                                              |                                   |    | → 16B9 Ɔ̸ runic letter wunjo wyynn w                                                     |
|      |    | ≡ 0055 Ư̸ 031B ơ                                                              | <b>African letters for clicks</b> |    |                                                                                          |
| 01B0 | ư̸ | LATIN SMALL LETTER U WITH HORN                                                | 01C0                              |    | LATIN LETTER DENTAL CLICK                                                                |
|      |    | • Vietnamese                                                                  |                                   |    | = pipe                                                                                   |
|      |    | ≡ 0075 ư̸ 031B ơ                                                              |                                   |    | • Khoisan tradition                                                                      |
| 01B1 | Ϝ̸ | LATIN CAPITAL LETTER UPSILON                                                  |                                   |    | • “c” in Zulu orthography                                                                |
|      |    | • African                                                                     |                                   |    | → 002F / solidus                                                                         |
|      |    | • typographically based on turned capital Greek omega                         |                                   |    | → 007C   vertical line                                                                   |
|      |    | • lowercase is 028A ɹ̸                                                        |                                   |    | → 0287 ɿ̸ latin small letter turned t                                                    |
|      |    | → 2127 Ϝ̸ inverted ohm sign                                                   |                                   |    | → 2223   divides                                                                         |
| 01B2 | Ʊ̸ | LATIN CAPITAL LETTER V WITH HOOK                                              | 01C1                              |    | LATIN LETTER LATERAL CLICK                                                               |
|      |    | = script v                                                                    |                                   |    | = double pipe                                                                            |
|      |    | • African                                                                     |                                   |    | • Khoisan tradition                                                                      |
|      |    | • lowercase is 028B ɹ̸                                                        |                                   |    | • “x” in Zulu orthography                                                                |
| 01B3 | Y̸ | LATIN CAPITAL LETTER Y WITH HOOK                                              |                                   |    | → 0296 Ʒ̸ latin letter inverted glottal stop                                             |
|      |    | • a glyph variant with hook at the left also occurs                           |                                   |    | → 2225    parallel to                                                                    |
| 01B4 | y̸ | LATIN SMALL LETTER Y WITH HOOK                                                |                                   |    |                                                                                          |
|      |    | • Bini, Esoko, and other Edo languages in West Africa                         |                                   |    |                                                                                          |

01C2 ‡ LATIN LETTER ALVEOLAR CLICK

= double-barred pipe  
= palatoalveolar click (IPA)

• Khoisan tradition

→ 2260 ≠ not equal to

01C3 ! LATIN LETTER RETROFLEX CLICK

= latin letter exclamation mark (1.0)  
= (post)alveolar click (IPA)

• Khoisan tradition

• “q” in Zulu orthography

→ 0021 ! exclamation mark

→ 0297 Ć latin letter stretched c

**Latin digraphs matching Serbian Cyrillic letters***These digraphs are for Gaj's Latin alphabet, used in writing  
Bosnian, Croatian, Serbian, and Montenegrin.*

01C4 DŽ LATIN CAPITAL LETTER DZ WITH CARON

≈ 0044 Đ 017D Ž

01C5 Dž LATIN CAPITAL LETTER D WITH SMALL LETTER  
Z WITH CARON

≈ 0044 Đ 017E ž

01C6 dž LATIN SMALL LETTER DZ WITH CARON

→ 045F ђ cyrillic small letter dzhe

≈ 0064 đ 017E ž

01C7 LJ LATIN CAPITAL LETTER LJ

≈ 004C Ĺ 004A J

01C8 Lj LATIN CAPITAL LETTER L WITH SMALL LETTER J

≈ 004C Ĺ 006A j

01C9 lj LATIN SMALL LETTER LJ

→ 0459 љ cyrillic small letter lje

≈ 006C ĺ 006A j

01CA NJ LATIN CAPITAL LETTER NJ

≈ 004E Ñ 004A J

01CB Nj LATIN CAPITAL LETTER N WITH SMALL  
LETTER J

≈ 004E Ñ 006A j

01CC nj LATIN SMALL LETTER NJ

→ 045A њ cyrillic small letter nje

≈ 006E n 006A j

**Pinyin diacritic-vowel combinations**

01CD Ä LATIN CAPITAL LETTER A WITH CARON

≡ 0041 Ä 030C ǎ

01CE ä LATIN SMALL LETTER A WITH CARON

• Pinyin third tone

≡ 0061 a 030C ǎ

01CF Ĩ LATIN CAPITAL LETTER I WITH CARON

≡ 0049 I 030C ǐ

01D0 ĩ LATIN SMALL LETTER I WITH CARON

• Pinyin third tone

≡ 0069 i 030C ǐ

01D1 Ŏ LATIN CAPITAL LETTER O WITH CARON

≡ 004F O 030C ǒ

01D2 ɔ LATIN SMALL LETTER O WITH CARON

• Pinyin third tone

≡ 006F o 030C ǒ

01D3 Ů LATIN CAPITAL LETTER U WITH CARON

≡ 0055 U 030C ǔ

01D4 ů LATIN SMALL LETTER U WITH CARON

• Pinyin third tone

≡ 0075 u 030C ǔ

01D5 Ü LATIN CAPITAL LETTER U WITH DIAERESIS AND  
MACRON

≡ 00DC Ü 0304 ̄

01D6 ü LATIN SMALL LETTER U WITH DIAERESIS AND  
MACRON

• Pinyin first tone

≡ 00FC ü 0304 ̄

01D7 Ű LATIN CAPITAL LETTER U WITH DIAERESIS AND  
ACUTE

≡ 00DC Ü 0301 ́

01D8 ú LATIN SMALL LETTER U WITH DIAERESIS AND  
ACUTE

• Pinyin second tone

≡ 00FC ü 0301 ́

01D9 Ū LATIN CAPITAL LETTER U WITH DIAERESIS AND  
CARON

≡ 00DC Ü 030C ̄

01DA ů LATIN SMALL LETTER U WITH DIAERESIS AND  
CARON

• Pinyin third tone

≡ 00FC ü 030C ̄

01DB Ŭ LATIN CAPITAL LETTER U WITH DIAERESIS AND  
GRAVE

≡ 00DC Ü 0300 ̀

01DC ù LATIN SMALL LETTER U WITH DIAERESIS AND  
GRAVE

• Pinyin fourth tone

≡ 00FC ü 0300 ̀

**Phonetic and historic letters**

01DD ə LATIN SMALL LETTER TURNED E

• Pan-Nigerian alphabet

• all other usages of schwa are 0259 ɐ

• uppercase is 018E Ə

→ 0259 ə latin small letter schwa

01DE Ä LATIN CAPITAL LETTER A WITH DIAERESIS AND  
MACRON

≡ 00C4 Ä 0304 ̄

01DF ā LATIN SMALL LETTER A WITH DIAERESIS AND  
MACRON

• Livonian, Uralicist usage

≡ 00E4 ā 0304 ̄

01E0 Å LATIN CAPITAL LETTER A WITH DOT ABOVE  
AND MACRON

≡ 0226 Å 0304 ̄

01E1 ȁ LATIN SMALL LETTER A WITH DOT ABOVE AND  
MACRON

• Uralicist usage

≡ 0227 ȁ 0304 ̄

01E2 Æ LATIN CAPITAL LETTER AE WITH MACRON

≡ 00C6 Æ 0304 ̄

01E3 æ LATIN SMALL LETTER AE WITH MACRON

• Old Norse, Old English

≡ 00E6 æ 0304 ̄

01E4 Ğ LATIN CAPITAL LETTER G WITH STROKE

01E5 ğ LATIN SMALL LETTER G WITH STROKE

• Skolt Sami

01E6 Ğ LATIN CAPITAL LETTER G WITH CARON

≡ 0047 Ğ 030C ̄

01E7 ģ LATIN SMALL LETTER G WITH CARON

• Skolt Sami

→ 011F ģ latin small letter g with breve

≡ 0067 ģ 030C ̄

01E8 Ķ LATIN CAPITAL LETTER K WITH CARON

≡ 004B Ķ 030C ̄

01E9 ķ LATIN SMALL LETTER K WITH CARON

• Skolt Sami

≡ 006B ķ 030C ̄



## 01EA

## Latin Extended-B

## 021B

|      |    |                                                                                                                                 |
|------|----|---------------------------------------------------------------------------------------------------------------------------------|
| 01EA | Œ  | LATIN CAPITAL LETTER O WITH OGONEK<br>≡ 004F Œ 0328 Ȯ                                                                           |
| 01EB | Ȯ  | LATIN SMALL LETTER O WITH OGONEK<br>• Sami, Iroquoian, Old Icelandic<br>≡ 006F Ȯ 0328 Ȯ                                         |
| 01EC | Œ̄ | LATIN CAPITAL LETTER O WITH OGONEK AND MACRON<br>≡ 01EA Œ 0304 Œ̄                                                               |
| 01ED | Ȱ | LATIN SMALL LETTER O WITH OGONEK AND MACRON<br>• Old Icelandic, Livonian (in recent linguistic scholarship)<br>≡ 01EB Ȯ 0304 Ȱ |
| 01EE | Ž  | LATIN CAPITAL LETTER EZH WITH CARON<br>≡ 01B7 Ž 030C Ž                                                                          |
| 01EF | ž  | LATIN SMALL LETTER EZH WITH CARON<br>• Skolt Sami<br>≡ 0292 ž 030C ž                                                            |
| 01F0 | Ĵ  | LATIN SMALL LETTER J WITH CARON<br>• IPA and many languages<br>≡ 006A Ĵ 030C Ĵ                                                  |
| 01F1 | DZ | LATIN CAPITAL LETTER DZ<br>≈ 0044 D 005A Z                                                                                      |
| 01F2 | Dz | LATIN CAPITAL LETTER D WITH SMALL LETTER Z<br>≈ 0044 D 007A z                                                                   |
| 01F3 | dz | LATIN SMALL LETTER DZ<br>≈ 0064 d 007A z                                                                                        |
| 01F4 | Ġ  | LATIN CAPITAL LETTER G WITH ACUTE<br>≡ 0047 Ġ 0301 Ġ                                                                            |
| 01F5 | ġ  | LATIN SMALL LETTER G WITH ACUTE<br>• Macedonian and Serbian transliteration<br>≡ 0067 ġ 0301 ġ                                  |
| 01F6 | Hu | LATIN CAPITAL LETTER HWAIR<br>• lowercase is 0195 hu                                                                            |
| 01F7 | Ƶ  | LATIN CAPITAL LETTER WYNN<br>= wen<br>• lowercase is 01BF ƶ                                                                     |
| 01F8 | Ñ̄ | LATIN CAPITAL LETTER N WITH GRAVE<br>≡ 004E Ñ 0300 Ñ̄                                                                           |
| 01F9 | ñ̄ | LATIN SMALL LETTER N WITH GRAVE<br>• Pinyin<br>≡ 006E ñ 0300 ñ̄                                                                 |
| 01FA | Ą  | LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE<br>≡ 00C5 Ą 0301 ą                                                             |
| 01FB | ą  | LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE<br>≡ 00E5 ą 0301 ą                                                               |
| 01FC | Ǣ | LATIN CAPITAL LETTER AE WITH ACUTE<br>≡ 00C6 Æ 0301 Ǣ                                                                          |
| 01FD | ǣ | LATIN SMALL LETTER AE WITH ACUTE<br>≡ 00E6 æ 0301 ǣ                                                                            |
| 01FE | Ø̄ | LATIN CAPITAL LETTER O WITH STROKE AND ACUTE<br>≡ 00D8 Ø 0301 Ø̄                                                                |
| 01FF | ø̄ | LATIN SMALL LETTER O WITH STROKE AND ACUTE<br>≡ 00F8 ø 0301 ø̄                                                                  |

## Additions for Slovenian

|      |   |                                                             |
|------|---|-------------------------------------------------------------|
| 0200 | Â | LATIN CAPITAL LETTER A WITH DOUBLE GRAVE<br>≡ 0041 A 030F Â |
|------|---|-------------------------------------------------------------|

|      |    |                                                                |
|------|----|----------------------------------------------------------------|
| 0201 | À  | LATIN SMALL LETTER A WITH DOUBLE GRAVE<br>≡ 0061 a 030F À      |
| 0202 | Â̂ | LATIN CAPITAL LETTER A WITH INVERTED BREVE<br>≡ 0041 A 0311 Â̂ |
| 0203 | â̂ | LATIN SMALL LETTER A WITH INVERTED BREVE<br>≡ 0061 a 0311 â̂   |
| 0204 | Ê̄ | LATIN CAPITAL LETTER E WITH DOUBLE GRAVE<br>≡ 0045 E 030F Ê̄   |
| 0205 | ê̄ | LATIN SMALL LETTER E WITH DOUBLE GRAVE<br>≡ 0065 e 030F ê̄     |
| 0206 | Ê̂ | LATIN CAPITAL LETTER E WITH INVERTED BREVE<br>≡ 0045 E 0311 Ê̂ |
| 0207 | ê̂ | LATIN SMALL LETTER E WITH INVERTED BREVE<br>≡ 0065 e 0311 ê̂   |
| 0208 | Î̄ | LATIN CAPITAL LETTER I WITH DOUBLE GRAVE<br>≡ 0049 I 030F Î̄   |
| 0209 | î̄ | LATIN SMALL LETTER I WITH DOUBLE GRAVE<br>≡ 0069 i 030F î̄     |
| 020A | Î̂ | LATIN CAPITAL LETTER I WITH INVERTED BREVE<br>≡ 0049 I 0311 Î̂ |
| 020B | î̂ | LATIN SMALL LETTER I WITH INVERTED BREVE<br>≡ 0069 i 0311 î̂   |
| 020C | Ȫ | LATIN CAPITAL LETTER O WITH DOUBLE GRAVE<br>≡ 004F Ö 030F Ȫ   |
| 020D | ȫ | LATIN SMALL LETTER O WITH DOUBLE GRAVE<br>≡ 006F ö 030F ȫ     |
| 020E | Ô̂ | LATIN CAPITAL LETTER O WITH INVERTED BREVE<br>≡ 004F Ö 0311 Ô̂ |
| 020F | ô̂ | LATIN SMALL LETTER O WITH INVERTED BREVE<br>≡ 006F ö 0311 ô̂   |
| 0210 | Ř̄ | LATIN CAPITAL LETTER R WITH DOUBLE GRAVE<br>≡ 0052 Ř 030F Ř̄   |
| 0211 | ř̄ | LATIN SMALL LETTER R WITH DOUBLE GRAVE<br>≡ 0072 r 030F ř̄     |
| 0212 | Ř̂ | LATIN CAPITAL LETTER R WITH INVERTED BREVE<br>≡ 0052 Ř 0311 Ř̂ |
| 0213 | ř̂ | LATIN SMALL LETTER R WITH INVERTED BREVE<br>≡ 0072 r 0311 ř̂   |
| 0214 | Û̄ | LATIN CAPITAL LETTER U WITH DOUBLE GRAVE<br>≡ 0055 U 030F Û̄   |
| 0215 | û̄ | LATIN SMALL LETTER U WITH DOUBLE GRAVE<br>≡ 0075 u 030F û̄     |
| 0216 | Û̂ | LATIN CAPITAL LETTER U WITH INVERTED BREVE<br>≡ 0055 U 0311 Û̂ |
| 0217 | û̂ | LATIN SMALL LETTER U WITH INVERTED BREVE<br>≡ 0075 u 0311 û̂   |

## Additions for Romanian

|      |    |                                                                                                         |
|------|----|---------------------------------------------------------------------------------------------------------|
| 0218 | Ș̄ | LATIN CAPITAL LETTER S WITH COMMA BELOW<br>≡ 0053 Ș 0326 Ș̄                                             |
| 0219 | ș̄ | LATIN SMALL LETTER S WITH COMMA BELOW<br>→ 015F ș latin small letter s with cedilla<br>≡ 0073 s 0326 ș̄ |
| 021A | Ț̄ | LATIN CAPITAL LETTER T WITH COMMA BELOW<br>≡ 0054 Ț 0326 Ț̄                                             |
| 021B | ț̄ | LATIN SMALL LETTER T WITH COMMA BELOW<br>→ 0163 ț latin small letter t with cedilla<br>≡ 0074 t 0326 ț̄ |



**Miscellaneous additions**

- 021C Ȑ LATIN CAPITAL LETTER YOGH  
→ 01B7 Ȑ latin capital letter ezh
- 021D ȑ LATIN SMALL LETTER YOGH  
• Middle English, Scots  
→ 0292 ȑ latin small letter ezh  
→ 1D79 ȑ latin small letter insular g
- 021E Ĥ LATIN CAPITAL LETTER H WITH CARON  
≡ 0048 Ĥ 030C ȥ
- 021F ĥ LATIN SMALL LETTER H WITH CARON  
• Finnish Romany  
≡ 0068 ĥ 030C ȥ
- 0220 Ŋ LATIN CAPITAL LETTER N WITH LONG RIGHT LEG  
• Lakota  
• lowercase is 019E ɳ
- 0221 ɖ LATIN SMALL LETTER D WITH CURL  
• phonetic use in Sinology
- 0222 8 LATIN CAPITAL LETTER OU
- 0223 8 LATIN SMALL LETTER OU  
• Algonquin, Huron  
→ 0038 8 digit eight
- 0224 Ẓ LATIN CAPITAL LETTER Z WITH HOOK
- 0225 ẓ LATIN SMALL LETTER Z WITH HOOK  
• Middle High German
- 0226 Å LATIN CAPITAL LETTER A WITH DOT ABOVE  
≡ 0041 Å 0307 ˆ
- 0227 å LATIN SMALL LETTER A WITH DOT ABOVE  
• Uralicist usage  
≡ 0061 å 0307 ˆ
- 0228 Ě LATIN CAPITAL LETTER E WITH CEDILLA  
≡ 0045 Ě 0327 ̣
- 0229 ě LATIN SMALL LETTER E WITH CEDILLA  
≡ 0065 ě 0327 ̣

**Additions for Livonian**

- 022A Ō LATIN CAPITAL LETTER O WITH DIAERESIS AND MACRON  
≡ 00D6 Ō 0304 ̄
- 022B ȯ LATIN SMALL LETTER O WITH DIAERESIS AND MACRON  
≡ 00F6 ȯ 0304 ̄
- 022C Ȫ LATIN CAPITAL LETTER O WITH TILDE AND MACRON  
≡ 00D5 Ȫ 0304 ̄
- 022D ȫ LATIN SMALL LETTER O WITH TILDE AND MACRON  
≡ 00F5 ȫ 0304 ̄
- 022E Ȭ LATIN CAPITAL LETTER O WITH DOT ABOVE  
≡ 004F Ȭ 0307 ˙
- 022F ȭ LATIN SMALL LETTER O WITH DOT ABOVE  
≡ 006F ȭ 0307 ˙
- 0230 Ȯ LATIN CAPITAL LETTER O WITH DOT ABOVE AND MACRON  
≡ 022E Ȯ 0304 ̄
- 0231 ȯ LATIN SMALL LETTER O WITH DOT ABOVE AND MACRON  
≡ 022F ȯ 0304 ̄
- 0232 Ȱ LATIN CAPITAL LETTER Y WITH MACRON  
≡ 0059 Ȱ 0304 ̄
- 0233 ȱ LATIN SMALL LETTER Y WITH MACRON  
• also Cornish  
≡ 0079 ȱ 0304 ̄

**Additions for Sinology**

- 0234 ɭ LATIN SMALL LETTER L WITH CURL
- 0235 ɮ LATIN SMALL LETTER N WITH CURL
- 0236 ɯ LATIN SMALL LETTER T WITH CURL

**Miscellaneous addition**

- 0237 ȷ LATIN SMALL LETTER DOTLESS J  
→ 1D6A5 ȷ mathematical italic small dotless j

**Additions for Africanist linguistics**

- 0238 Ʉb LATIN SMALL LETTER DB DIGRAPH
- 0239 Ʉp LATIN SMALL LETTER QP DIGRAPH

**Additions for Sencoten**

- 023A Ȧ LATIN CAPITAL LETTER A WITH STROKE  
• lowercase is 2C65 Ȧ
- 023B Ȣ LATIN CAPITAL LETTER C WITH STROKE
- 023C ȣ LATIN SMALL LETTER C WITH STROKE  
• also used in Americanist linguistics
- 023D Ȥ LATIN CAPITAL LETTER L WITH BAR  
• lowercase is 019A Ȥ
- 023E ȥ LATIN CAPITAL LETTER T WITH DIAGONAL STROKE  
• lowercase is 2C66 ȥ

**Additions for Africanist linguistics**

*These letters were used in a Shona orthography from 1931 to 1955.*

- 023F Ȧ LATIN SMALL LETTER S WITH SWASH TAIL  
• voiceless labio-alveolar fricative  
• uppercase is 2C7E Ȧ  
→ 0282 Ȧ latin small letter s with hook
- 0240 Ȣ LATIN SMALL LETTER Z WITH SWASH TAIL  
• voiced labio-alveolar fricative  
• uppercase is 2C7F Ȣ  
→ 0290 Ȣ latin small letter z with retroflex hook

**Miscellaneous additions**

- 0241 Ȧ LATIN CAPITAL LETTER GLOTTAL STOP
- 0242 Ȣ LATIN SMALL LETTER GLOTTAL STOP  
• casing use in Chipewyan, Dogrib, Slavey (Canadian aboriginal orthographies)  
→ 0294 Ȣ latin letter glottal stop  
→ 02C0 Ȣ modifier letter glottal stop
- 0243 Ȣ LATIN CAPITAL LETTER B WITH STROKE  
• lowercase is 0180 Ȣ
- 0244 ȣ LATIN CAPITAL LETTER U BAR  
• lowercase is 0289 ȣ
- 0245 Ȥ LATIN CAPITAL LETTER TURNED V  
• lowercase is 028C Ȥ
- 0246 ȥ LATIN CAPITAL LETTER E WITH STROKE
- 0247 Ȧ LATIN SMALL LETTER E WITH STROKE
- 0248 Ȣ LATIN CAPITAL LETTER J WITH STROKE
- 0249 ȣ LATIN SMALL LETTER J WITH STROKE
- 024A ȣ LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL
- 024B ȣ LATIN SMALL LETTER Q WITH HOOK TAIL
- 024C Ȣ LATIN CAPITAL LETTER R WITH STROKE
- 024D Ȣ LATIN SMALL LETTER R WITH STROKE
- 024E Ȣ LATIN CAPITAL LETTER Y WITH STROKE
- 024F Ȣ LATIN SMALL LETTER Y WITH STROKE

|   | 025       | 026       | 027       | 028       | 029       | 02A       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | ɐ<br>0250 | ɟ<br>0260 | ɥ<br>0270 | ʀ<br>0280 | ʐ<br>0290 | ɸ<br>02A0 |
| 1 | ɑ<br>0251 | ɠ<br>0261 | ɱ<br>0271 | ɤ<br>0281 | ʑ<br>0291 | ʦ<br>02A1 |
| 2 | ɒ<br>0252 | ɢ<br>0262 | ɳ<br>0272 | ʂ<br>0282 | ʑ<br>0292 | ɸ<br>02A2 |
| 3 | ɓ<br>0253 | ɣ<br>0263 | ɲ<br>0273 | ʃ<br>0283 | ʒ<br>0293 | ɸ<br>02A3 |
| 4 | ɔ<br>0254 | ɤ<br>0264 | ɴ<br>0274 | ʄ<br>0284 | ʐ<br>0294 | ɸ<br>02A4 |
| 5 | ɛ<br>0255 | ɥ<br>0265 | ɵ<br>0275 | ɹ<br>0285 | ɸ<br>0295 | ɸ<br>02A5 |
| 6 | ɖ<br>0256 | ɦ<br>0266 | æ<br>0276 | ɹ<br>0286 | ʑ<br>0296 | ɸ<br>02A6 |
| 7 | ɸ<br>0257 | ɦ<br>0267 | ɔ<br>0277 | ɹ<br>0287 | ɸ<br>0297 | ɸ<br>02A7 |
| 8 | ə<br>0258 | ɨ<br>0268 | ɸ<br>0278 | ɸ<br>0288 | ɸ<br>0298 | ɸ<br>02A8 |
| 9 | ə<br>0259 | ɹ<br>0269 | ɹ<br>0279 | ɸ<br>0289 | ɸ<br>0299 | ɸ<br>02A9 |
| A | æ<br>025A | ɹ<br>026A | ɹ<br>027A | ɸ<br>028A | ɸ<br>029A | ɸ<br>02AA |
| B | ɛ<br>025B | ɸ<br>026B | ɹ<br>027B | ɸ<br>028B | ɸ<br>029B | ɸ<br>02AB |
| C | ɸ<br>025C | ɸ<br>026C | ɹ<br>027C | ɸ<br>028C | ɸ<br>029C | ɸ<br>02AC |
| D | ɸ<br>025D | ɸ<br>026D | ɹ<br>027D | ɸ<br>028D | ɸ<br>029D | ɸ<br>02AD |
| E | ɸ<br>025E | ɸ<br>026E | ɹ<br>027E | ɸ<br>028E | ɸ<br>029E | ɸ<br>02AE |
| F | ɸ<br>025F | ɸ<br>026F | ɹ<br>027F | ɸ<br>028F | ɸ<br>029F | ɸ<br>02AF |

**IPA extensions**

IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.

- 00E6 æ latin small letter ae
- 00E7 ċ latin small letter c with cedilla
- 00F0 ð latin small letter eth
- 00F8 ø latin small letter o with stroke
- 0127 ħ latin small letter h with stroke
- 014B ɲ latin small letter eng
- 0153 œ latin small ligature oe
- 03B2 β greek small letter beta
- 03B8 θ greek small letter theta
- 03BB λ greek small letter lamda
- 03C7 χ greek small letter chi
- 0250 ɐ **LATIN SMALL LETTER TURNED A**
  - low central unrounded vowel
  - uppercase is 2C6F Ƶ
- 0251 ɑ **LATIN SMALL LETTER ALPHA**
  - = latin small letter script a (1.0)
  - low back unrounded vowel
  - uppercase is 2C6D Ǻ
  - 03B1 α greek small letter alpha
- 0252 ɒ **LATIN SMALL LETTER TURNED ALPHA**
  - low back rounded vowel
  - uppercase is 2C70 Ɔ
  - AB64 ɑ latin small letter inverted alpha
- 0253 ɓ **LATIN SMALL LETTER B WITH HOOK**
  - implosive bilabial stop
  - Pan-Nigerian alphabet
  - uppercase is 0181 Ɓ
- 0254 ɔ **LATIN SMALL LETTER OPEN O**
  - typographically a turned c
  - lower-mid back rounded vowel
  - in older Danish usage “ɔ:” means “that is”
  - uppercase is 0186 Ɔ
- 0255 ɕ **LATIN SMALL LETTER C WITH CURL**
  - voiceless alveolo-palatal laminal fricative
  - used in transcription of Mandarin Chinese
  - sound spelled with 015B ʃ in Polish
- 0256 ɖ **LATIN SMALL LETTER D WITH TAIL**
  - = d retroflex hook
  - voiced retroflex stop
  - uppercase is 0189 Ɗ
- 0257 ɗ **LATIN SMALL LETTER D WITH HOOK**
  - implosive dental or alveolar stop
  - Ewe, Pan-Nigerian alphabet
  - uppercase is 018A Ɗ
- 0258 ɘ **LATIN SMALL LETTER REVERSED E**
  - upper-mid central unrounded vowel
- 0259 ə **LATIN SMALL LETTER SCHWA**
  - mid-central unrounded vowel
  - uppercase is 018F Ǝ
  - variant uppercase form 018E Ǝ is associated with 01DD ǣ
  - 01DD ǣ latin small letter turned e
  - 04D9 ə cyrillic small letter schwa
- 025A ɶ **LATIN SMALL LETTER SCHWA WITH HOOK**
  - rhotacized schwa

- 025B ɛ **LATIN SMALL LETTER OPEN E**
  - = epsilon
  - lower-mid front unrounded vowel
  - uppercase is 0190 Ǝ
  - 03B5 ε greek small letter epsilon
- 025C ɜ **LATIN SMALL LETTER REVERSED OPEN E**
  - lower-mid central unrounded vowel
  - uppercase is A7AB Ʒ
- 025D ɜ̥ **LATIN SMALL LETTER REVERSED OPEN E WITH HOOK**
  - rhotacized lower-mid central vowel
- 025E ɜ̥ **LATIN SMALL LETTER CLOSED REVERSED OPEN E**
  - = closed reversed epsilon
  - lower-mid central rounded vowel
- 025F ɟ **LATIN SMALL LETTER DOTLESS J WITH STROKE**
  - voiced palatal stop
  - typographically a turned f, but better thought of as a form of j
  - “gy” in Hungarian orthography
  - also archaic phonetic for palatoalveolar affricate 02A4 ɟʝ
- 0260 ɡ̥ **LATIN SMALL LETTER G WITH HOOK**
  - implosive velar stop
  - uppercase is 0193 Ɠ
- 0261 ɡ̥ **LATIN SMALL LETTER SCRIPT G**
  - voiced velar stop
  - uppercase is A7AC Ɠ
  - 0067 ɡ latin small letter g
- 0262 ɡ̥ **LATIN LETTER SMALL CAPITAL G**
  - voiced uvular stop
- 0263 ɣ **LATIN SMALL LETTER GAMMA**
  - voiced velar fricative
  - uppercase is 0194 Ƴ
  - 03B3 γ greek small letter gamma
- 0264 ɣ̥ **LATIN SMALL LETTER RAMS HORN**
  - = latin small letter baby gamma (1.0)
  - upper-mid back unrounded vowel
- 0265 ɥ **LATIN SMALL LETTER TURNED H**
  - voiced rounded palatal approximant
  - uppercase is A78D Ƨ
- 0266 ɦ̥ **LATIN SMALL LETTER H WITH HOOK**
  - breathy-voiced glottal fricative
  - uppercase is A7AA Ƨ
  - uppercase in Nawdm is 0124 ɦ̥
  - 02B1 ɦ̥ modifier letter small h with hook
- 0267 ɦ̥ **LATIN SMALL LETTER HENG WITH HOOK**
  - voiceless coarticulated velar and palatoalveolar fricative
  - “sj” in some Swedish dialects
- 0268 ı̇ **LATIN SMALL LETTER I WITH STROKE**
  - = barred i, i bar
  - high central unrounded vowel
  - uppercase is 0197 Ǝ
  - ISO 6438 gives lowercase of 0197 as 026A, not 0268
- 0269 ɪ̇ **LATIN SMALL LETTER IOTA**
  - semi-high front unrounded vowel
  - obsoleted by IPA in 1989
  - preferred use is 026A ɪ latin letter small capital i
  - uppercase is 0196 Ǝ
  - 03B9 ι greek small letter iota

|      |      |                                                                                                                                                                                                                                                                              |      |     |                                                                                                                                                                                                                                                                                               |
|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 026A | ɪ    | <b>LATIN LETTER SMALL CAPITAL I</b><br>• semi-high front unrounded vowel<br>• preferred IPA alternate for 0269 ɪ<br>• uppercase is A7AE <b>I</b><br>• glyph should have top and bottom serifs even in sans serif IPA font designs, to avoid confusion with lowercase i       | 027C | ɾ   | <b>LATIN SMALL LETTER R WITH LONG LEG</b><br>• voiced strident apico-alveolar trill<br>• obsoleted by IPA in 1989<br>• sound spelled with 0159 ř in Czech<br>• preferred phonetic representation for Czech is 0072 ɾ 031D ɾ̥<br>• in current use in Gaelic types (as glyph variant of 0072 ɾ) |
| 026B | ɭ    | <b>LATIN SMALL LETTER L WITH MIDDLE TILDE</b><br>• velarized voiced alveolar lateral approximant<br>• uppercase is 2C62 <b>ɭ</b>                                                                                                                                             | 027D | ɽ   | <b>LATIN SMALL LETTER R WITH TAIL</b><br>• voiced retroflex flap<br>• uppercase is 2C64 <b>ɽ</b>                                                                                                                                                                                              |
| 026C | ɮ    | <b>LATIN SMALL LETTER L WITH BELT</b><br>• voiceless alveolar lateral fricative<br>• uppercase is A7AD <b>ɮ</b>                                                                                                                                                              | 027E | ɹ   | <b>LATIN SMALL LETTER R WITH FISHHOOK</b><br>• voiced alveolar flap or tap                                                                                                                                                                                                                    |
| 026D | ɻ    | <b>LATIN SMALL LETTER L WITH RETROFLEX HOOK</b><br>• voiced retroflex lateral                                                                                                                                                                                                | 027F | ɿ   | <b>LATIN SMALL LETTER REVERSED R WITH FISHHOOK</b><br>= long leg turned iota (a misnomer)<br>• apical dental vowel<br>• used by linguists working on Chinese and other Sino-Tibetan languages<br>• IPA spelling - 007A ɿ 0329 ɿ̥<br>• preferred presentation is with a descender              |
| 026E | ɺ    | <b>LATIN SMALL LETTER LEZH</b><br>• voiced lateral fricative<br>• “dhl” in Zulu orthography                                                                                                                                                                                  | 0280 | ʀ   | <b>LATIN LETTER SMALL CAPITAL R</b><br>• voiced uvular trill<br>• Germanic, Old Norse<br>• uppercase is 01A6 <b>ʀ</b>                                                                                                                                                                         |
| 026F | ɯ    | <b>LATIN SMALL LETTER TURNED M</b><br>• high back unrounded vowel<br>• uppercase is 019C <b>ɯ</b>                                                                                                                                                                            | 0281 | ʁ   | <b>LATIN LETTER SMALL CAPITAL INVERTED R</b><br>• voiced uvular fricative or approximant<br>→ 02B6 ʁ̥ modifier letter small capital inverted r                                                                                                                                                |
| 0270 | ɰ    | <b>LATIN SMALL LETTER TURNED M WITH LONG LEG</b><br>• voiced velar approximant                                                                                                                                                                                               | 0282 | ʂ   | <b>LATIN SMALL LETTER S WITH HOOK</b><br>• voiceless retroflex fricative<br>• uppercase is A7C5 <b>ʂ</b>                                                                                                                                                                                      |
| 0271 | ɱ    | <b>LATIN SMALL LETTER M WITH HOOK</b><br>• voiced labiodental nasal<br>• uppercase is 2C6E <b>ɱ</b>                                                                                                                                                                          | 0283 | ʃ   | <b>LATIN SMALL LETTER ESH</b><br>• voiceless postalveolar fricative<br>• uppercase is 01A9 <b>ʃ</b><br>→ 222B ʃ integral                                                                                                                                                                      |
| 0272 | ɲ    | <b>LATIN SMALL LETTER N WITH LEFT HOOK</b><br>• voiced palatal nasal<br>• uppercase is 019D <b>ɲ</b>                                                                                                                                                                         | 0284 | ʄ   | <b>LATIN SMALL LETTER DOTLESS J WITH STROKE AND HOOK</b><br>• implosive palatal stop<br>• typographically based on 025F ʄ, not on 0283 ʃ                                                                                                                                                      |
| 0273 | ɳ    | <b>LATIN SMALL LETTER N WITH RETROFLEX HOOK</b><br>• voiced retroflex nasal                                                                                                                                                                                                  | 0285 | ʮ   | <b>LATIN SMALL LETTER SQUAT REVERSED ESH</b><br>• apical retroflex vowel<br>• used by linguists working on Chinese and other Sino-Tibetan languages<br>• IPA spelling - 0290 ʮ 0329 ʮ̥<br>• in origin 027F ɿ plus the retroflex hook 0322 ɿ̥, despite its name                                |
| 0274 | ɺ    | <b>LATIN LETTER SMALL CAPITAL N</b><br>• voiced uvular nasal                                                                                                                                                                                                                 | 0286 | ʮ̥  | <b>LATIN SMALL LETTER ESH WITH CURL</b><br>• palatalized voiceless postalveolar fricative<br>• suggested spelling - 0283 ʃ̥ 02B2 ʃ̥̥                                                                                                                                                          |
| 0275 | ɵ    | <b>LATIN SMALL LETTER BARRED O</b><br>= o bar<br>• rounded mid-central vowel, i.e. rounded schwa<br>• uppercase is 019F <b>ɵ</b><br>→ 03B8 <b>θ</b> greek small letter theta<br>→ 0473 <b>Ѡ</b> cyrillic small letter fita<br>→ 04E9 <b>Ѳ</b> cyrillic small letter barred o | 0287 | ɿ̥  | <b>LATIN SMALL LETTER TURNED T</b><br>• dental click (sound of “tsk tsk”)<br>• uppercase is A7B1 <b>ɿ̥</b><br>→ 01C0 ɿ̥ latin letter dental click                                                                                                                                             |
| 0276 | œ    | <b>LATIN LETTER SMALL CAPITAL OE</b><br>• low front rounded vowel<br>→ 0153 <b>œ</b> latin small ligature oe                                                                                                                                                                 | 0288 | ɿ̥̥ | <b>LATIN SMALL LETTER T WITH RETROFLEX HOOK</b><br>• voiceless retroflex stop<br>• uppercase is 01AE <b>ɿ̥̥</b>                                                                                                                                                                               |
| 0277 | ω    | <b>LATIN SMALL LETTER CLOSED OMEGA</b><br>• semi-high back rounded vowel<br>• obsoleted by IPA in 1989<br>• preferred use is 028A ʊ latin small letter upsilon<br>→ AB65 <b>Ω</b> greek letter small capital omega                                                           | 0289 | ʮ̥̥ | <b>LATIN SMALL LETTER U BAR</b><br>• high central rounded vowel<br>• uppercase is 0244 <b>ʮ̥̥</b><br>→ 1D7E <b>ʮ̥̥</b> latin small capital letter u with stroke                                                                                                                               |
| 0278 | φ    | <b>LATIN SMALL LETTER PHI</b><br>• voiceless bilabial fricative<br>→ 03C6 <b>φ</b> greek small letter phi                                                                                                                                                                    |      |     |                                                                                                                                                                                                                                                                                               |
| 0279 | ɹ̥   | <b>LATIN SMALL LETTER TURNED R</b><br>• voiced alveolar approximant<br>→ 02B4 ɹ̥ modifier letter small turned r                                                                                                                                                              |      |     |                                                                                                                                                                                                                                                                                               |
| 027A | ɹ̥̥  | <b>LATIN SMALL LETTER TURNED R WITH LONG LEG</b><br>• voiced lateral flap                                                                                                                                                                                                    |      |     |                                                                                                                                                                                                                                                                                               |
| 027B | ɹ̥̥̥ | <b>LATIN SMALL LETTER TURNED R WITH HOOK</b><br>• voiced retroflex approximant<br>→ 02B5 ɹ̥̥̥ modifier letter small turned r with hook                                                                                                                                       |      |     |                                                                                                                                                                                                                                                                                               |

## 028A

## IPA Extensions

## 02AE

|      |    |                                                                                                                                                                                                                                                                                                                        |
|------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 028A | ʊ  | <b>LATIN SMALL LETTER UPSILON</b><br>• semi-high back rounded vowel<br>• preferred IPA alternate to 0277 ɯ<br>• uppercase is 01B1 Ů<br>→ 03C5 ʊ greek small letter upsilon                                                                                                                                             |
| 028B | ʋ  | <b>LATIN SMALL LETTER V WITH HOOK</b><br>= latin small letter script v (1.0)<br>• voiced labiodental approximant<br>• uppercase is 01B2 Ů<br>→ 03C5 ʋ greek small letter upsilon                                                                                                                                       |
| 028C | ʌ  | <b>LATIN SMALL LETTER TURNED V</b><br>= caret, wedge<br>• lower-mid back unrounded vowel<br>• uppercase is 0245 ʌ<br>→ 039B ʌ greek capital letter lamda<br>→ 2038 ʌ caret<br>→ 2227 ʌ logical and                                                                                                                     |
| 028D | ʍ  | <b>LATIN SMALL LETTER TURNED W</b><br>• voiceless rounded labiovelar approximant<br>→ AB69 ʍ modifier letter small turned w                                                                                                                                                                                            |
| 028E | ʎ  | <b>LATIN SMALL LETTER TURNED Y</b><br>• voiced lateral approximant                                                                                                                                                                                                                                                     |
| 028F | ʏ  | <b>LATIN LETTER SMALL CAPITAL Y</b><br>• semi-high front rounded vowel                                                                                                                                                                                                                                                 |
| 0290 | ʐ  | <b>LATIN SMALL LETTER Z WITH RETROFLEX HOOK</b><br>• voiced retroflex fricative                                                                                                                                                                                                                                        |
| 0291 | ʑ  | <b>LATIN SMALL LETTER Z WITH CURL</b><br>• voiced alveolo-palatal laminal fricative<br>• sound spelled with 017A ʑ in Polish                                                                                                                                                                                           |
| 0292 | ʒ  | <b>LATIN SMALL LETTER EZH</b><br>= dram<br>• voiced postalveolar fricative<br>• mistakenly named yogh in Unicode 1.0<br>• uppercase is 01B7 ʒ<br>• Skolt Sami<br>→ 021D ʒ latin small letter yogh<br>→ 04E1 ʒ cyrillic small letter abkhassian dze<br>→ 2125 ʒ ounce sign<br>→ 1F772 ʒ alchemical symbol for half dram |
| 0293 | ʒ̣ | <b>LATIN SMALL LETTER EZH WITH CURL</b><br>• palatalized voiced postalveolar fricative                                                                                                                                                                                                                                 |
| 0294 | ʔ  | <b>LATIN LETTER GLOTTAL STOP</b><br>• this is a caseless letter<br>• used in IPA, other phonetic notations, and those orthographies which use a caseless glottal stop<br>→ 0241 ʔ latin capital letter glottal stop<br>→ 02C0 ʔ modifier letter glottal stop                                                           |
| 0295 | ʕ  | <b>LATIN LETTER PHARYNGEAL VOICED FRICATIVE</b><br>= reversed glottal stop<br>• voiced pharyngeal fricative<br>• ain<br>→ 01B9 ʕ latin small letter ezh reversed<br>→ 02C1 ʕ modifier letter reversed glottal stop                                                                                                     |
| 0296 | ʔ̥ | <b>LATIN LETTER INVERTED GLOTTAL STOP</b><br>• lateral click<br>→ 01C1 ʔ̥ latin letter lateral click                                                                                                                                                                                                                   |
| 0297 | ʈ  | <b>LATIN LETTER STRETCHED C</b><br>• palatal (or alveolar) click<br>→ 01C3 ʈ latin letter retroflex click<br>→ 2201 ʈ complement                                                                                                                                                                                       |

|      |    |                                                                                                                                                                 |
|------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0298 | ʘ  | <b>LATIN LETTER BILABIAL CLICK</b><br>= bullseye<br>→ 2299 ʘ circled dot operator                                                                               |
| 0299 | ʙ  | <b>LATIN LETTER SMALL CAPITAL B</b><br>• bilabial trill                                                                                                         |
| 029A | ɐ̞ | <b>LATIN SMALL LETTER CLOSED OPEN E</b><br>= closed epsilon<br>• lower-mid front rounded vowel<br>• non-IPA alternate for the preferred 0153 æ                  |
| 029B | ɟ̞ | <b>LATIN LETTER SMALL CAPITAL G WITH HOOK</b><br>• voiced uvular implosive                                                                                      |
| 029C | ɦ  | <b>LATIN LETTER SMALL CAPITAL H</b><br>• voiceless epiglottal fricative<br>→ 1D34 ɦ modifier letter capital h<br>→ A7F8 ɦ modifier letter capital h with stroke |
| 029D | ɟ̞ | <b>LATIN SMALL LETTER J WITH CROSSED-TAIL</b><br>• voiced palatal fricative<br>• uppercase is A7B2 ɟ̞                                                           |
| 029E | ɟ̞ | <b>LATIN SMALL LETTER TURNED K</b><br>• proposed for velar click<br>• uppercase is A7B0 ɟ̞<br>• withdrawn by IPA in 1970                                        |
| 029F | ɭ  | <b>LATIN LETTER SMALL CAPITAL L</b><br>• velar lateral approximant                                                                                              |
| 02A0 | ɥ  | <b>LATIN SMALL LETTER Q WITH HOOK</b><br>• voiceless uvular implosive                                                                                           |
| 02A1 | ʔ̥ | <b>LATIN LETTER GLOTTAL STOP WITH STROKE</b><br>• voiced epiglottal stop                                                                                        |
| 02A2 | ʔ̥ | <b>LATIN LETTER REVERSED GLOTTAL STOP WITH STROKE</b><br>• voiced epiglottal fricative                                                                          |
| 02A3 | ɗ̥ | <b>LATIN SMALL LETTER DZ DIGRAPH</b><br>• voiced dental affricate<br>→ AB66 ɗ̥ latin small letter dz digraph with retroflex hook                                |
| 02A4 | ɗ̥ | <b>LATIN SMALL LETTER DEZH DIGRAPH</b><br>• voiced postalveolar affricate                                                                                       |
| 02A5 | ɗ̥ | <b>LATIN SMALL LETTER DZ DIGRAPH WITH CURL</b><br>• voiced alveolo-palatal affricate                                                                            |
| 02A6 | ɗ̥ | <b>LATIN SMALL LETTER TS DIGRAPH</b><br>• voiceless dental affricate<br>→ AB67 ɗ̥ latin small letter ts digraph with retroflex hook                             |
| 02A7 | ɗ̥ | <b>LATIN SMALL LETTER TESH DIGRAPH</b><br>• voiceless postalveolar affricate                                                                                    |
| 02A8 | ɗ̥ | <b>LATIN SMALL LETTER TC DIGRAPH WITH CURL</b><br>• voiceless alveolo-palatal affricate                                                                         |

## IPA characters for disordered speech

|      |    |                                                                             |
|------|----|-----------------------------------------------------------------------------|
| 02A9 | ɸ̞ | <b>LATIN SMALL LETTER FENG DIGRAPH</b><br>• velopharyngeal fricative        |
| 02AA | ɸ̞ | <b>LATIN SMALL LETTER LS DIGRAPH</b><br>• lateral alveolar fricative (lisp) |
| 02AB | ɸ̞ | <b>LATIN SMALL LETTER LZ DIGRAPH</b><br>• voiced lateral alveolar fricative |
| 02AC | ɸ̞ | <b>LATIN LETTER BILABIAL PERCUSSIVE</b><br>• audible lip smack              |
| 02AD | ɸ̞ | <b>LATIN LETTER BIDENTAL PERCUSSIVE</b><br>• audible teeth gnashing         |

## Additions for Sinology

|      |    |                                                  |
|------|----|--------------------------------------------------|
| 02AE | ɸ̞ | <b>LATIN SMALL LETTER TURNED H WITH FISHHOOK</b> |
|------|----|--------------------------------------------------|

02AF ħ LATIN SMALL LETTER TURNED H WITH  
FISHHOOK AND TAIL

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|   | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 | 069 | 06A | 06B | 06C | 06D | 06E | 06F |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 1 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 2 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 3 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 4 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 5 |     | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  |
| 6 | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| 7 | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| 8 | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| 9 | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| A | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| B | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| C | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| D | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| E | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |
| F | ا   | ب   | ج   | د   | هـ  | و   | ز   | ح   | ط   | ي   | ك   | ل   | م   | ن   | هـ  | هـ  |



**Subtending marks**

- 0600  ARABIC NUMBER SIGN  
 0601  ARABIC SIGN SANAH  
 0602  ARABIC FOOTNOTE MARKER  
 0603  ARABIC SIGN SAFHA  
 0604  ARABIC SIGN SAMVAT  
 • used for writing Samvat era dates in Urdu

**Supertending mark**

- 0605  ARABIC NUMBER MARK ABOVE  
 • may be used with Coptic Epact numbers

**Radix symbols**

- 0606  ARABIC-INDIC CUBE ROOT  
 → 221B  cube root  
 0607  ARABIC-INDIC FOURTH ROOT  
 → 221C  fourth root

**Letterlike symbol**

- 0608  ARABIC RAY

**Punctuation**

- 0609  ARABIC-INDIC PER MILLE SIGN  
 → 2030  per mille sign  
 060A  ARABIC-INDIC PER TEN THOUSAND SIGN  
 → 2031  per ten thousand sign

**Currency symbol**

- 060B  AFGHANI SIGN

**Punctuation**

- 060C  ARABIC COMMA  
 • also used with Thaana and Syriac in modern text  
 → 002C  comma  
 → 2E32  turned comma  
 → 2E41  reversed comma  
 060D  ARABIC DATE SEPARATOR

**Poetic marks**

- 060E  ARABIC POETIC VERSE SIGN  
 060F  ARABIC SIGN MISRA

**Honorifics**

- 0610  ARABIC SIGN SALLALLAHOU ALAYHE WASSALLAM  
 • represents sallallahu alayhe wasallam "may God's peace and blessings be upon him"  
 0611  ARABIC SIGN ALAYHE ASSALLAM  
 • represents alayhe assalam "upon him be peace"  
 → FD47  arabic ligature alayhi as-salaam  
 0612  ARABIC SIGN RAHMATULLAH ALAYHE  
 • represents rahmatullah alayhe "may God have mercy upon him"  
 → FD40  arabic ligature rahimahu allaah  
 0613  ARABIC SIGN RADI ALLAHOU ANHU  
 • represents radi allahu 'anhu "may God be pleased with him"  
 → FD41  arabic ligature radi allaahu anh  
 0614  ARABIC SIGN TAKHALLUS  
 • sign placed over the name or nom-de-plume of a poet, or in some writings used to mark all proper names

**Quranic annotation sign**

- 0615  ARABIC SMALL HIGH TAH  
 • marks a recommended pause position in some Qurans published in Iran and Pakistan  
 • should not be confused with the small TAH sign used as a diacritic for some letters such as 0679 

**Extended Arabic mark**

- 0616  ARABIC SMALL HIGH LIGATURE ALEF WITH LAM WITH YE  
 × ARABIC SMALL HIGH LIGATURE ALEF WITH YE BARREE  
 • early Persian

**Quranic annotation signs**

- 0617  ARABIC SMALL HIGH ZAIN  
 0618  ARABIC SMALL FATHA  
 • should not be confused with 064E  FATHA  
 0619  ARABIC SMALL DAMMA  
 • should not be confused with 064F  DAMMA  
 061A  ARABIC SMALL KASRA  
 • should not be confused with 0650  KASRA

**Punctuation**

- 061B  ARABIC SEMICOLON  
 • also used with Thaana and Syriac in modern text  
 → 003B  semicolon  
 → 204F  reversed semicolon  
 → 2E35  turned semicolon

**Format character**

- 061C  ARABIC LETTER MARK  
 • commonly abbreviated ALM  
 → 200F  right-to-left mark

**Punctuation**

- 061D  ARABIC END OF TEXT MARK  
 061E  ARABIC TRIPLE DOT PUNCTUATION MARK  
 061F  ARABIC QUESTION MARK  
 • also used with Thaana and Syriac in modern text  
 → 003F  question mark  
 → 2E2E  reversed question mark

**Addition for Kashmiri**

- 0620  ARABIC LETTER KASHMIRI YEH

**Based on ISO 8859-6**

Arabic letter names follow romanization conventions derived from ISO 8859-6. These differ from the Literary Arabic pronunciation of the letter names. For example, 0628 ARABIC LETTER BEH has a Literary Arabic pronunciation of ba'.

- 0621  ARABIC LETTER HAMZA  
 → 02BE  modifier letter right half ring  
 0622  ARABIC LETTER ALEF WITH MADDA ABOVE  
 ≡ 0627  0653   
 0623  ARABIC LETTER ALEF WITH HAMZA ABOVE  
 ≡ 0627  0654   
 0624  ARABIC LETTER WAW WITH HAMZA ABOVE  
 ≡ 0648  0654   
 0625  ARABIC LETTER ALEF WITH HAMZA BELOW  
 ≡ 0627  0655 



|      |   |                                                                                                                 |
|------|---|-----------------------------------------------------------------------------------------------------------------|
| 0626 | ئ | ARABIC LETTER YEH WITH HAMZA ABOVE                                                                              |
|      |   | • in Kyrgyz the hamza is consistently positioned to the top right in isolate and final forms<br>≡ 064A ي 0654 ُ |
| 0627 | ا | ARABIC LETTER ALEF                                                                                              |
| 0628 | ب | ARABIC LETTER BEH                                                                                               |
| 0629 | ة | ARABIC LETTER TEH MARBUTA                                                                                       |
| 062A | ت | ARABIC LETTER TEH                                                                                               |
| 062B | ث | ARABIC LETTER THEH                                                                                              |
| 062C | ج | ARABIC LETTER JEEM                                                                                              |
| 062D | ح | ARABIC LETTER HAH                                                                                               |
| 062E | خ | ARABIC LETTER KHAH                                                                                              |
| 062F | د | ARABIC LETTER DAL                                                                                               |
| 0630 | ذ | ARABIC LETTER THAL                                                                                              |
| 0631 | ر | ARABIC LETTER REH                                                                                               |
| 0632 | ز | ARABIC LETTER ZAIN                                                                                              |
| 0633 | س | ARABIC LETTER SEEN                                                                                              |
| 0634 | ش | ARABIC LETTER SHEEN                                                                                             |
| 0635 | ص | ARABIC LETTER SAD                                                                                               |
| 0636 | ض | ARABIC LETTER DAD                                                                                               |
| 0637 | ط | ARABIC LETTER TAH                                                                                               |
| 0638 | ظ | ARABIC LETTER ZAH                                                                                               |
| 0639 | ع | ARABIC LETTER AIN                                                                                               |
|      |   | → 01B9 ع latin small letter ezh reversed<br>→ 02BF ʿ modifier letter left half ring                             |
| 063A | غ | ARABIC LETTER GHAIN                                                                                             |

**Additions for early Persian and Azerbaijani**

|      |   |                                               |
|------|---|-----------------------------------------------|
| 063B | ک | ARABIC LETTER KEHEH WITH TWO DOTS ABOVE       |
| 063C | ک | ARABIC LETTER KEHEH WITH THREE DOTS BELOW     |
| 063D | ئ | ARABIC LETTER FARSI YEH WITH INVERTED V       |
|      |   | • Azerbaijani                                 |
| 063E | ی | ARABIC LETTER FARSI YEH WITH TWO DOTS ABOVE   |
| 063F | ی | ARABIC LETTER FARSI YEH WITH THREE DOTS ABOVE |

**Based on ISO 8859-6**

|      |   |                                                                                                    |
|------|---|----------------------------------------------------------------------------------------------------|
| 0640 | . | ARABIC TATWEEL                                                                                     |
|      |   | = kashida                                                                                          |
|      |   | • inserted to stretch characters or to carry tashkil with no base letter                           |
|      |   | • also used with Adlam, Hanifi Rohingya, Mandaic, Manichaean, Psalter Pahlavi, Sogdian, and Syriac |
| 0641 | ف | ARABIC LETTER FEH                                                                                  |
| 0642 | ق | ARABIC LETTER QAF                                                                                  |
| 0643 | ك | ARABIC LETTER KAF                                                                                  |
| 0644 | ل | ARABIC LETTER LAM                                                                                  |
| 0645 | م | ARABIC LETTER MEEM                                                                                 |
|      |   | • Sindhi uses a shape with a short tail                                                            |
| 0646 | ن | ARABIC LETTER NOON                                                                                 |
| 0647 | ه | ARABIC LETTER HEH                                                                                  |
| 0648 | و | ARABIC LETTER WAW                                                                                  |
| 0649 | ى | ARABIC LETTER ALEF MAKSURA                                                                         |
|      |   | • represents YEH-shaped dual-joining letter with no dots in any positional form                    |
|      |   | • not intended for use in combination with 0654 ُ                                                  |
|      |   | → 0626 ئ arabic letter yeh with hamza above                                                        |

|      |   |                                                                        |
|------|---|------------------------------------------------------------------------|
| 064A | ي | ARABIC LETTER YEH                                                      |
|      |   | • loses its dots when used in combination with 0654 ُ                  |
|      |   | • retains its dots when used in combination with other combining marks |
|      |   | → 08A8 ئ arabic letter yeh with two dots below and hamza above         |

**Tashkil from ISO 8859-6**

|      |   |                                                                                                      |
|------|---|------------------------------------------------------------------------------------------------------|
| 064B | ف | ARABIC FATHATAN                                                                                      |
| 064C | و | ARABIC DAMMATAN                                                                                      |
|      |   | • a common alternative form is written as two intertwined dammas, one of which is turned 180 degrees |
| 064D | و | ARABIC KASRATAN                                                                                      |
| 064E | ا | ARABIC FATHA                                                                                         |
| 064F | ا | ARABIC DAMMA                                                                                         |
| 0650 | ا | ARABIC KASRA                                                                                         |
| 0651 | ا | ARABIC SHADDA                                                                                        |
| 0652 | ا | ARABIC SUKUN                                                                                         |
|      |   | • marks absence of a vowel after the base consonant                                                  |
|      |   | • used in some Qurans to mark a long vowel as ignored                                                |
|      |   | • can have a variety of shapes, including a circular one and a shape that looks like 'ؤ'             |
|      |   | → 06E1 ا arabic small high dotless head of khah                                                      |

**Combining maddah and hamza**

|      |   |                                                                    |
|------|---|--------------------------------------------------------------------|
| 0653 | و | ARABIC MADDAAH ABOVE                                               |
|      |   | • used for madd jaa'iz in South Asian and Indonesian orthographies |
|      |   | → 089C و arabic madda waajib                                       |
|      |   | → 089E و arabic doubled madda                                      |
|      |   | → 089F و arabic half madda over madda                              |
| 0654 | ا | ARABIC HAMZA ABOVE                                                 |
|      |   | • restricted to hamza and ezafe semantics                          |
|      |   | • is not used as a diacritic to form new letters                   |
| 0655 | ا | ARABIC HAMZA BELOW                                                 |

**Other combining marks**

|      |   |                                                                |
|------|---|----------------------------------------------------------------|
| 0656 | ا | ARABIC SUBSCRIPT ALEF                                          |
| 0657 | و | ARABIC INVERTED DAMMA                                          |
|      |   | = ulta pesh                                                    |
|      |   | • Kashmiri, Urdu                                               |
| 0658 | و | ARABIC MARK NOON GHUNNA                                        |
|      |   | • Baluchi                                                      |
|      |   | • indicates nasalization in Urdu                               |
| 0659 | و | ARABIC ZWARAKAY                                                |
|      |   | • Pashto                                                       |
| 065A | و | ARABIC VOWEL SIGN SMALL V ABOVE                                |
|      |   | • African languages                                            |
| 065B | و | ARABIC VOWEL SIGN INVERTED SMALL V ABOVE                       |
|      |   | • African languages                                            |
| 065C | و | ARABIC VOWEL SIGN DOT BELOW                                    |
|      |   | • African languages                                            |
|      |   | • also used in Quranic text in African and other orthographies |
| 065D | و | ARABIC REVERSED DAMMA                                          |
|      |   | • African languages                                            |
| 065E | و | ARABIC FATHA WITH TWO DOTS                                     |
|      |   | • Kalami                                                       |
| 065F | و | ARABIC WAVY HAMZA BELOW                                        |
|      |   | • Kashmiri                                                     |

**Arabic-Indic digits**

These digits are used with Arabic proper; for languages of Iran, Afghanistan, Pakistan, and India, see the Eastern Arabic-Indic digits at 06F0-06F9.

|      |   |                          |
|------|---|--------------------------|
| 0660 | ٠ | ARABIC-INDIC DIGIT ZERO  |
| 0661 | ١ | ARABIC-INDIC DIGIT ONE   |
| 0662 | ٢ | ARABIC-INDIC DIGIT TWO   |
| 0663 | ٣ | ARABIC-INDIC DIGIT THREE |
| 0664 | ٤ | ARABIC-INDIC DIGIT FOUR  |
| 0665 | ٥ | ARABIC-INDIC DIGIT FIVE  |
| 0666 | ٦ | ARABIC-INDIC DIGIT SIX   |
| 0667 | ٧ | ARABIC-INDIC DIGIT SEVEN |
| 0668 | ٨ | ARABIC-INDIC DIGIT EIGHT |
| 0669 | ٩ | ARABIC-INDIC DIGIT NINE  |

**Punctuation**

|      |   |                                                                                           |
|------|---|-------------------------------------------------------------------------------------------|
| 066A | ٪ | ARABIC PERCENT SIGN<br>→ 0025 % percent sign                                              |
| 066B | ٫ | ARABIC DECIMAL SEPARATOR                                                                  |
| 066C | ’ | ARABIC THOUSANDS SEPARATOR<br>→ 0027 ' apostrophe<br>→ 2019 ’ right single quotation mark |
| 066D | ★ | ARABIC FIVE POINTED STAR<br>• appearance rather variable<br>→ 002A * asterisk             |

**Archaic letters**

|      |   |                           |
|------|---|---------------------------|
| 066E | ﺀ | ARABIC LETTER DOTLESS BEH |
| 066F | ﻉ | ARABIC LETTER DOTLESS QAF |

**Tashkil**

|      |   |                                                                             |
|------|---|-----------------------------------------------------------------------------|
| 0670 | ﺀ | ARABIC LETTER SUPERScript ALEF<br>• actually a vowel sign, despite the name |
|------|---|-----------------------------------------------------------------------------|

**Extended Arabic letters**

|      |   |                                                                 |
|------|---|-----------------------------------------------------------------|
| 0671 | ﺀ | ARABIC LETTER ALEF WASLA<br>• Quranic Arabic                    |
| 0672 | ﺀ | ARABIC LETTER ALEF WITH WAVY HAMZA ABOVE<br>• Baluchi, Kashmiri |

**Deprecated letter**

|      |   |                                                                                                                                                                          |
|------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0673 | ﺀ | ARABIC LETTER ALEF WITH WAVY HAMZA BELOW<br>• Kashmiri<br>• this character is deprecated and its use is strongly discouraged<br>• use the sequence 0627 ١ 065F ٥ instead |
|------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**High hamza**

|      |   |                                                                |
|------|---|----------------------------------------------------------------|
| 0674 | ﺀ | ARABIC LETTER HIGH HAMZA<br>• Kazakh, Jawi<br>• forms digraphs |
|------|---|----------------------------------------------------------------|

**Digraphic letters for Kazakh**

These characters were encoded for Kazakh digraphs, but their compatibility decompositions do not reflect the preferred order of representation. Accordingly, the representation of these Kazakh digraphs should instead use the preferred two-character spellings with the correct order of elements.

|      |   |                                                                                           |
|------|---|-------------------------------------------------------------------------------------------|
| 0675 | ﺀ | ARABIC LETTER HIGH HAMZA ALEF<br>• preferred spelling is 0674 ٥ 0627 ١<br>≈ 0627 ١ 0674 ٥ |
| 0676 | ﺀ | ARABIC LETTER HIGH HAMZA WAW<br>• preferred spelling is 0674 ٥ 0648 ٥<br>≈ 0648 ٥ 0674 ٥  |

|      |   |                                                                                              |
|------|---|----------------------------------------------------------------------------------------------|
| 0677 | ﺀ | ARABIC LETTER U WITH HAMZA ABOVE<br>• preferred spelling is 0674 ٥ 06C7 ٥<br>≈ 06C7 ٥ 0674 ٥ |
| 0678 | ﺀ | ARABIC LETTER HIGH HAMZA YEH<br>• preferred spelling is 0674 ٥ 0649 ٥<br>≈ 064A ٥ 0674 ٥     |

**Extended Arabic letters**

|      |   |                                                                                                             |
|------|---|-------------------------------------------------------------------------------------------------------------|
| 0679 | ﺀ | ARABIC LETTER TTEH<br>• Urdu                                                                                |
| 067A | ﺀ | ARABIC LETTER TTEHEH<br>• Sindhi                                                                            |
| 067B | ﺀ | ARABIC LETTER BEEH<br>• Sindhi                                                                              |
| 067C | ﺀ | ARABIC LETTER TEH WITH RING<br>• Pashto                                                                     |
| 067D | ﺀ | ARABIC LETTER TEH WITH THREE DOTS ABOVE DOWNWARDS<br>• Sindhi                                               |
| 067E | ﺀ | ARABIC LETTER PEH<br>• Persian, Urdu, ...                                                                   |
| 067F | ﺀ | ARABIC LETTER TEHEH<br>• Sindhi                                                                             |
| 0680 | ﺀ | ARABIC LETTER BEHEH<br>• Sindhi                                                                             |
| 0681 | ﺀ | ARABIC LETTER HAH WITH HAMZA ABOVE<br>• Pashto<br>• represents the phoneme /dz/                             |
| 0682 | ﺀ | ARABIC LETTER HAH WITH TWO DOTS VERTICAL ABOVE<br>• not used in modern Pashto                               |
| 0683 | ﺀ | ARABIC LETTER NYEH<br>• Sindhi                                                                              |
| 0684 | ﺀ | ARABIC LETTER DYEh<br>• Sindhi, Bosnian                                                                     |
| 0685 | ﺀ | ARABIC LETTER HAH WITH THREE DOTS ABOVE<br>• Pashto, Khwarazmian<br>• represents the phoneme /ts/ in Pashto |
| 0686 | ﺀ | ARABIC LETTER TCHEH<br>• Persian, Urdu, ...                                                                 |
| 0687 | ﺀ | ARABIC LETTER TCHEHEH<br>• Sindhi                                                                           |
| 0688 | ﺀ | ARABIC LETTER DDAL<br>• Urdu                                                                                |
| 0689 | ﺀ | ARABIC LETTER DAL WITH RING<br>• Pashto                                                                     |
| 068A | ﺀ | ARABIC LETTER DAL WITH DOT BELOW<br>• Sindhi, early Persian, Pegon, Malagasy                                |
| 068B | ﺀ | ARABIC LETTER DAL WITH DOT BELOW AND SMALL TAH<br>• Lahnda                                                  |
| 068C | ﺀ | ARABIC LETTER DAHAL<br>• Sindhi                                                                             |
| 068D | ﺀ | ARABIC LETTER DDAHAL<br>• Sindhi                                                                            |
| 068E | ﺀ | ARABIC LETTER DUL<br>• older shape for DUL, now obsolete in Sindhi<br>• Burushaski                          |
| 068F | ﺀ | ARABIC LETTER DAL WITH THREE DOTS ABOVE DOWNWARDS<br>• Sindhi<br>• current shape used for DUL               |
| 0690 | ﺀ | ARABIC LETTER DAL WITH FOUR DOTS ABOVE<br>• Old Urdu, not in current use                                    |

|      |   |                                                                     |      |   |                                                                                                                                              |
|------|---|---------------------------------------------------------------------|------|---|----------------------------------------------------------------------------------------------------------------------------------------------|
| 0691 | ر | ARABIC LETTER RREH                                                  | 06AC | ك | ARABIC LETTER KAF WITH DOT ABOVE                                                                                                             |
|      |   | • Urdu                                                              |      |   | • use for the Jawi kaf is not recommended, although it may be found in some existing text data; recommended character for Jawi kaf is 0762 ك |
| 0692 | ز | ARABIC LETTER REH WITH SMALL V                                      |      |   | → 0762 ك arabic letter keheh with dot above                                                                                                  |
|      |   | • Kurdish                                                           | 06AD | ڱ | ARABIC LETTER NG                                                                                                                             |
| 0693 | ړ | ARABIC LETTER REH WITH RING                                         |      |   | • Uyghur, Kazakh, Moroccan Arabic, early Jawi, early Persian, ...                                                                            |
|      |   | • Pashto                                                            | 06AE | ښ | ARABIC LETTER KAF WITH THREE DOTS BELOW                                                                                                      |
| 0694 | ر | ARABIC LETTER REH WITH DOT BELOW                                    |      |   | • Berber, early Persian                                                                                                                      |
|      |   | • Kurdish, early Persian                                            | 06AF | گ | ARABIC LETTER GAF                                                                                                                            |
| 0695 | ړ | ARABIC LETTER REH WITH SMALL V BELOW                                |      |   | • Persian, Urdu, ...                                                                                                                         |
|      |   | • Kurdish                                                           | 06B0 | گ | ARABIC LETTER GAF WITH RING                                                                                                                  |
| 0696 | ږ | ARABIC LETTER REH WITH DOT BELOW AND DOT ABOVE                      |      |   | • Lahnda                                                                                                                                     |
|      |   | • Pashto                                                            | 06B1 | گ | ARABIC LETTER NGOEH                                                                                                                          |
| 0697 | ز | ARABIC LETTER REH WITH TWO DOTS ABOVE                               |      |   | • Sindhi                                                                                                                                     |
|      |   | • Dargwa                                                            | 06B2 | گ | ARABIC LETTER GAF WITH TWO DOTS BELOW                                                                                                        |
| 0698 | ژ | ARABIC LETTER JEH                                                   |      |   | • not used in Sindhi                                                                                                                         |
|      |   | • Persian, Urdu, ...                                                | 06B3 | گ | ARABIC LETTER GUEH                                                                                                                           |
| 0699 | ژ | ARABIC LETTER REH WITH FOUR DOTS ABOVE                              |      |   | • Sindhi                                                                                                                                     |
|      |   | • Sindhi                                                            | 06B4 | گ | ARABIC LETTER GAF WITH THREE DOTS ABOVE                                                                                                      |
| 069A | ښ | ARABIC LETTER SEEN WITH DOT BELOW AND DOT ABOVE                     |      |   | • not used in Sindhi                                                                                                                         |
|      |   | • Pashto                                                            | 06B5 | ل | ARABIC LETTER LAM WITH SMALL V                                                                                                               |
| 069B | پ | ARABIC LETTER SEEN WITH THREE DOTS BELOW                            |      |   | • Kurdish, Bosnian                                                                                                                           |
|      |   | • early Persian                                                     | 06B6 | ل | ARABIC LETTER LAM WITH DOT ABOVE                                                                                                             |
| 069C | پ | ARABIC LETTER SEEN WITH THREE DOTS BELOW AND THREE DOTS ABOVE       |      |   | • Kurdish                                                                                                                                    |
|      |   | • Moroccan Arabic                                                   | 06B7 | ل | ARABIC LETTER LAM WITH THREE DOTS ABOVE                                                                                                      |
| 069D | ص | ARABIC LETTER SAD WITH TWO DOTS BELOW                               |      |   | • Kurdish                                                                                                                                    |
|      |   | • Turkic                                                            | 06B8 | ل | ARABIC LETTER LAM WITH THREE DOTS BELOW                                                                                                      |
| 069E | ض | ARABIC LETTER SAD WITH THREE DOTS ABOVE                             |      |   | 06B9 ن                                                                                                                                       |
|      |   | • Berber, Burushaski                                                |      |   | 06BA ن                                                                                                                                       |
| 069F | ظ | ARABIC LETTER TAH WITH THREE DOTS ABOVE                             |      |   | ARABIC LETTER NOON GHUNNA                                                                                                                    |
|      |   | • Old Hausa                                                         |      |   | • Urdu, archaic Arabic                                                                                                                       |
| 06A0 | غ | ARABIC LETTER AIN WITH THREE DOTS ABOVE                             |      |   | • dotless in all four contextual forms                                                                                                       |
|      |   | • Jawi                                                              | 06BB | ن | ARABIC LETTER RNOON                                                                                                                          |
| 06A1 | ف | ARABIC LETTER DOTLESS FEH                                           |      |   | • Sindhi                                                                                                                                     |
|      |   | • Adighe                                                            | 06BC | ن | ARABIC LETTER NOON WITH RING                                                                                                                 |
| 06A2 | ف | ARABIC LETTER FEH WITH DOT MOVED BELOW                              |      |   | • Pashto                                                                                                                                     |
|      |   | • Maghrib Arabic                                                    | 06BD | ن | ARABIC LETTER NOON WITH THREE DOTS ABOVE                                                                                                     |
| 06A3 | ف | ARABIC LETTER FEH WITH DOT BELOW                                    |      |   | • Jawi                                                                                                                                       |
|      |   | • Ingush                                                            | 06BE | ه | ARABIC LETTER HEH DOACHASHMEE                                                                                                                |
| 06A4 | ف | ARABIC LETTER VEH                                                   |      |   | • forms aspirate digraphs in Urdu and other languages of South Asia                                                                          |
|      |   | • Middle Eastern Arabic for foreign words                           |      |   | • represents the glottal fricative /h/ in Uyghur                                                                                             |
|      |   | • Kurdish, Khwarazmian, early Persian, Jawi                         | 06BF | ه | ARABIC LETTER TCHEH WITH DOT ABOVE                                                                                                           |
| 06A5 | ف | ARABIC LETTER FEH WITH THREE DOTS BELOW                             |      |   | 06C0 ه                                                                                                                                       |
|      |   | • North African Arabic for foreign words                            |      |   | ARABIC LETTER HEH WITH YEH ABOVE                                                                                                             |
| 06A6 | ق | ARABIC LETTER PEHEH                                                 |      |   | = arabic letter hamzah on ha (1.0)                                                                                                           |
|      |   | • Sindhi                                                            |      |   | • for ezafe, use 0654 ه over the language-appropriate base letter                                                                            |
| 06A7 | ق | ARABIC LETTER QAF WITH DOT ABOVE                                    |      |   | • actually a ligature, not an independent letter                                                                                             |
|      |   | • Maghrib Arabic, Uyghur                                            |      |   | ≡ 06D5 ه 0654 ه                                                                                                                              |
| 06A8 | ق | ARABIC LETTER QAF WITH THREE DOTS ABOVE                             | 06C1 | ه | ARABIC LETTER HEH GOAL                                                                                                                       |
|      |   | • Tunisian Arabic                                                   |      |   | • Urdu                                                                                                                                       |
| 06A9 | ك | ARABIC LETTER KEHEH                                                 | 06C2 | ه | ARABIC LETTER HEH GOAL WITH HAMZA ABOVE                                                                                                      |
|      |   | = kaf mashkula                                                      |      |   | • Urdu                                                                                                                                       |
|      |   | • Persian, Urdu, Sindhi, ...                                        |      |   | • actually a ligature, not an independent letter                                                                                             |
| 06AA | ك | ARABIC LETTER SWASH KAF                                             |      |   | ≡ 06C1 ه 0654 ه                                                                                                                              |
|      |   | • represents a letter distinct from Arabic KAF (0643 ك) in Sindhi   | 06C3 | ه | ARABIC LETTER TEH MARBUTA GOAL                                                                                                               |
| 06AB | ك | ARABIC LETTER KAF WITH RING                                         |      |   | • Urdu                                                                                                                                       |
|      |   | • Pashto                                                            | 06C4 | و | ARABIC LETTER WAW WITH RING                                                                                                                  |
|      |   | • may appear like an Arabic KAF (0643 ك) with a ring below the base |      |   | • Kashmiri                                                                                                                                   |

## 06C5

## Arabic

## 06FB

|      |   |                                                                                                                                                                                                                                        |
|------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06C5 | ا | ARABIC LETTER KIRGHIZ OE                                                                                                                                                                                                               |
|      |   | <ul style="list-style-type: none"> <li>• Kyrgyz</li> <li>• a glyph variant occurs which replaces the looped tail with a horizontal bar through the tail</li> </ul>                                                                     |
| 06C6 | و | ARABIC LETTER OE                                                                                                                                                                                                                       |
|      |   | <ul style="list-style-type: none"> <li>• Uyghur, Kurdish, Kazakh, Azerbaijani, Bosnian</li> </ul>                                                                                                                                      |
| 06C7 | ي | ARABIC LETTER U                                                                                                                                                                                                                        |
|      |   | <ul style="list-style-type: none"> <li>• Azerbaijani, Kazakh, Kyrgyz, Uyghur</li> </ul>                                                                                                                                                |
| 06C8 | ي | ARABIC LETTER YU                                                                                                                                                                                                                       |
|      |   | <ul style="list-style-type: none"> <li>• Uyghur</li> </ul>                                                                                                                                                                             |
| 06C9 | ي | ARABIC LETTER KIRGHIZ YU                                                                                                                                                                                                               |
|      |   | <ul style="list-style-type: none"> <li>• Kazakh, Kyrgyz, Bosnian</li> </ul>                                                                                                                                                            |
| 06CA | و | ARABIC LETTER WAW WITH TWO DOTS ABOVE                                                                                                                                                                                                  |
|      |   | <ul style="list-style-type: none"> <li>• Kurdish</li> </ul>                                                                                                                                                                            |
| 06CB | ي | ARABIC LETTER VE                                                                                                                                                                                                                       |
|      |   | <ul style="list-style-type: none"> <li>• Uyghur, Kazakh</li> </ul>                                                                                                                                                                     |
| 06CC | ي | ARABIC LETTER FARSI YEH                                                                                                                                                                                                                |
|      |   | <ul style="list-style-type: none"> <li>• Arabic, Persian, Urdu, Kashmiri, ...</li> <li>• initial and medial forms of this letter have dots</li> <li>→ 0649 ي arabic letter alef maksura</li> <li>→ 064A ي arabic letter yeh</li> </ul> |
| 06CD | ي | ARABIC LETTER YEH WITH TAIL                                                                                                                                                                                                            |
|      |   | <ul style="list-style-type: none"> <li>• Pashto, Sindhi</li> </ul>                                                                                                                                                                     |
| 06CE | ي | ARABIC LETTER YEH WITH SMALL V                                                                                                                                                                                                         |
|      |   | <ul style="list-style-type: none"> <li>• Kurdish</li> </ul>                                                                                                                                                                            |
| 06CF | و | ARABIC LETTER WAW WITH DOT ABOVE                                                                                                                                                                                                       |
| 06D0 | ي | ARABIC LETTER E                                                                                                                                                                                                                        |
|      |   | <ul style="list-style-type: none"> <li>• Pashto, Uyghur</li> <li>• used as the letter bbeh in Sindhi</li> </ul>                                                                                                                        |
| 06D1 | ي | ARABIC LETTER YEH WITH THREE DOTS BELOW                                                                                                                                                                                                |
|      |   | <ul style="list-style-type: none"> <li>• Mende languages, Hausa</li> </ul>                                                                                                                                                             |
| 06D2 | ي | ARABIC LETTER YEH BARREE                                                                                                                                                                                                               |
|      |   | <ul style="list-style-type: none"> <li>• Urdu</li> </ul>                                                                                                                                                                               |
| 06D3 | ي | ARABIC LETTER YEH BARREE WITH HAMZA ABOVE                                                                                                                                                                                              |
|      |   | <ul style="list-style-type: none"> <li>• Urdu</li> <li>• actually a ligature, not an independent letter</li> <li>≡ 06D2 ي 0654 ا</li> </ul>                                                                                            |

## Punctuation

|      |   |                                                          |
|------|---|----------------------------------------------------------|
| 06D4 | . | ARABIC FULL STOP                                         |
|      |   | <ul style="list-style-type: none"> <li>• Urdu</li> </ul> |

## Extended Arabic letter

|      |   |                                                                            |
|------|---|----------------------------------------------------------------------------|
| 06D5 | ا | ARABIC LETTER AE                                                           |
|      |   | <ul style="list-style-type: none"> <li>• Uyghur, Kazakh, Kyrgyz</li> </ul> |

## Quranic annotation signs

|      |   |                                                                                                             |
|------|---|-------------------------------------------------------------------------------------------------------------|
| 06D6 | ا | ARABIC SMALL HIGH LIGATURE SAD WITH LAM WITH ALEF MAKSURA                                                   |
| 06D7 | ا | ARABIC SMALL HIGH LIGATURE QAF WITH LAM WITH ALEF MAKSURA                                                   |
| 06D8 | ا | ARABIC SMALL HIGH MEEM INITIAL FORM                                                                         |
| 06D9 | ا | ARABIC SMALL HIGH LAM ALEF                                                                                  |
| 06DA | ا | ARABIC SMALL HIGH JEEM                                                                                      |
| 06DB | ا | ARABIC SMALL HIGH THREE DOTS                                                                                |
| 06DC | ا | ARABIC SMALL HIGH SEEN                                                                                      |
| 06DD | ا | ARABIC END OF AYAH                                                                                          |
| 06DE | ا | ARABIC START OF RUB EL HIZB                                                                                 |
| 06DF | ا | ARABIC SMALL HIGH ROUNDED ZERO                                                                              |
|      |   | <ul style="list-style-type: none"> <li>• smaller than the typical circular shape used for 0652 ا</li> </ul> |

|      |   |                                                                                                                                                                                                                                    |
|------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06E0 | ا | ARABIC SMALL HIGH UPRIGHT RECTANGULAR ZERO                                                                                                                                                                                         |
|      |   | <ul style="list-style-type: none"> <li>• the term "rectangular zero" is a translation of the Arabic name of this sign</li> </ul>                                                                                                   |
| 06E1 | ا | ARABIC SMALL HIGH DOTLESS HEAD OF KHAH = Arabic jazm                                                                                                                                                                               |
|      |   | <ul style="list-style-type: none"> <li>• presentation form of 0652 ا, using font technology to select the variant is preferred</li> <li>• used in some Qurans to mark absence of a vowel</li> <li>→ 0652 ا arabic sukun</li> </ul> |
| 06E2 | ا | ARABIC SMALL HIGH MEEM ISOLATED FORM                                                                                                                                                                                               |
| 06E3 | ا | ARABIC SMALL LOW SEEN                                                                                                                                                                                                              |
| 06E4 | ا | ARABIC SMALL HIGH MADDA                                                                                                                                                                                                            |
|      |   | <ul style="list-style-type: none"> <li>• typically used with 06E5 ا, 06E6 ا, 06E7 ا, and 08F3 ا</li> </ul>                                                                                                                         |
| 06E5 | ا | ARABIC SMALL WAW                                                                                                                                                                                                                   |
|      |   | <ul style="list-style-type: none"> <li>→ 08D3 ا arabic small low waw</li> <li>→ 08F3 ا arabic small high waw</li> </ul>                                                                                                            |
| 06E6 | ا | ARABIC SMALL YEH                                                                                                                                                                                                                   |
| 06E7 | ا | ARABIC SMALL HIGH YEH                                                                                                                                                                                                              |
| 06E8 | ا | ARABIC SMALL HIGH NOON                                                                                                                                                                                                             |
| 06E9 | ا | ARABIC PLACE OF SAJDAH                                                                                                                                                                                                             |
|      |   | <ul style="list-style-type: none"> <li>• there is a range of acceptable glyphs for this character</li> </ul>                                                                                                                       |
| 06EA | ا | ARABIC EMPTY CENTRE LOW STOP                                                                                                                                                                                                       |
| 06EB | ا | ARABIC EMPTY CENTRE HIGH STOP                                                                                                                                                                                                      |
| 06EC | ا | ARABIC ROUNDED HIGH STOP WITH FILLED CENTRE                                                                                                                                                                                        |
|      |   | <ul style="list-style-type: none"> <li>• also used in Quranic text in African and other orthographies to represent wasla, ikhtilas, etc.</li> </ul>                                                                                |
| 06ED | ا | ARABIC SMALL LOW MEEM                                                                                                                                                                                                              |

## Extended Arabic letters for Parkari

|      |   |                                                                                |
|------|---|--------------------------------------------------------------------------------|
| 06EE | ا | ARABIC LETTER DAL WITH INVERTED V                                              |
| 06EF | ا | ARABIC LETTER REH WITH INVERTED V                                              |
|      |   | <ul style="list-style-type: none"> <li>• also used in early Persian</li> </ul> |

## Eastern Arabic-Indic digits

*These digits are used with Arabic-script languages of Iran, Pakistan, and India (Persian, Sindhi, Urdu, etc.). For details of variations in preferred glyphs, see the block description for the Arabic script.*

|      |   |                                                                                                                 |
|------|---|-----------------------------------------------------------------------------------------------------------------|
| 06F0 | . | EXTENDED ARABIC-INDIC DIGIT ZERO                                                                                |
| 06F1 | ١ | EXTENDED ARABIC-INDIC DIGIT ONE                                                                                 |
| 06F2 | ٢ | EXTENDED ARABIC-INDIC DIGIT TWO                                                                                 |
| 06F3 | ٣ | EXTENDED ARABIC-INDIC DIGIT THREE                                                                               |
| 06F4 | ٤ | EXTENDED ARABIC-INDIC DIGIT FOUR                                                                                |
|      |   | <ul style="list-style-type: none"> <li>• Persian has a different glyph than Sindhi and Urdu</li> </ul>          |
| 06F5 | ٥ | EXTENDED ARABIC-INDIC DIGIT FIVE                                                                                |
|      |   | <ul style="list-style-type: none"> <li>• Persian, Sindhi, and Urdu share glyph different from Arabic</li> </ul> |
| 06F6 | ٦ | EXTENDED ARABIC-INDIC DIGIT SIX                                                                                 |
|      |   | <ul style="list-style-type: none"> <li>• Persian, Sindhi, and Urdu have glyphs different from Arabic</li> </ul> |
| 06F7 | ٧ | EXTENDED ARABIC-INDIC DIGIT SEVEN                                                                               |
|      |   | <ul style="list-style-type: none"> <li>• Urdu and Sindhi have glyphs different from Arabic</li> </ul>           |
| 06F8 | ٨ | EXTENDED ARABIC-INDIC DIGIT EIGHT                                                                               |
| 06F9 | ٩ | EXTENDED ARABIC-INDIC DIGIT NINE                                                                                |

## Extended Arabic letters

|      |   |                                    |
|------|---|------------------------------------|
| 06FA | ش | ARABIC LETTER SHEEN WITH DOT BELOW |
| 06FB | ض | ARABIC LETTER DAD WITH DOT BELOW   |

06FC غ ARABIC LETTER GHAIN WITH DOT BELOW

**Signs for Sindhi**

06FD ء ARABIC SIGN SINDHI AMPERSAND

06FE ڙ ARABIC SIGN SINDHI POSTPOSITION MEN

**Extended Arabic letter for Parkari**

06FF ه ARABIC LETTER HEH WITH INVERTED V

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|   | 087       | 088       | 089           |
|---|-----------|-----------|---------------|
| 0 | آ<br>0870 | د<br>0880 | ح<br>0890     |
| 1 | ك<br>0871 | ف<br>0881 | خ<br>0891     |
| 2 | ت<br>0872 | ة<br>0882 |               |
| 3 | ا<br>0873 | ع<br>0883 |               |
| 4 | ل<br>0874 | و<br>0884 |               |
| 5 | ب<br>0875 | ي<br>0885 |               |
| 6 | أ<br>0876 | إ<br>0886 |               |
| 7 | م<br>0877 | ن<br>0887 |               |
| 8 | ي<br>0878 | •<br>0888 | الجزر<br>0898 |
| 9 | أ<br>0879 | ن<br>0889 | اشمام<br>0899 |
| A | أ<br>087A | ح<br>088A | أالة<br>089A  |
| B | أ<br>087B | ط<br>088B | تسهيل<br>089B |
| C | أ<br>087C | ط<br>088C | أ<br>089C     |
| D | أ<br>087D | ك<br>088D | أ<br>089D     |
| E | ك<br>087E | أ<br>088E | أ<br>089E     |
| F | ك<br>087F |           | أ<br>089F     |

**Additions for Quranic orthographies**

|      |     |                                                                     |
|------|-----|---------------------------------------------------------------------|
| 0870 | ا   | ARABIC LETTER ALEF WITH ATTACHED FATHA                              |
| 0871 | آ   | ARABIC LETTER ALEF WITH ATTACHED TOP RIGHT FATHA                    |
| 0872 | أ   | ARABIC LETTER ALEF WITH RIGHT MIDDLE STROKE                         |
| 0873 | إ   | ARABIC LETTER ALEF WITH LEFT MIDDLE STROKE                          |
| 0874 | اٲ  | ARABIC LETTER ALEF WITH ATTACHED KASRA                              |
| 0875 | اٴ  | ARABIC LETTER ALEF WITH ATTACHED BOTTOM RIGHT KASRA                 |
| 0876 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED ROUND DOT ABOVE                    |
| 0877 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED RIGHT ROUND DOT                    |
| 0878 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED LEFT ROUND DOT                     |
| 0879 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED ROUND DOT BELOW                    |
| 087A | اٲٲ | ARABIC LETTER ALEF WITH DOT ABOVE                                   |
| 087B | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED TOP RIGHT FATHA AND DOT ABOVE      |
| 087C | اٲٲ | ARABIC LETTER ALEF WITH RIGHT MIDDLE STROKE AND DOT ABOVE           |
| 087D | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED BOTTOM RIGHT KASRA AND DOT ABOVE   |
| 087E | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED TOP RIGHT FATHA AND LEFT RING      |
| 087F | اٲٲ | ARABIC LETTER ALEF WITH RIGHT MIDDLE STROKE AND LEFT RING           |
| 0880 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED BOTTOM RIGHT KASRA AND LEFT RING   |
| 0881 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED RIGHT HAMZA                        |
| 0882 | اٲٲ | ARABIC LETTER ALEF WITH ATTACHED LEFT HAMZA                         |
| 0883 | ء   | ARABIC TATWEEL WITH OVERSTRUCK HAMZA                                |
| 0884 | اٲٲ | ARABIC TATWEEL WITH OVERSTRUCK WAW                                  |
| 0885 | اٲٲ | ARABIC TATWEEL WITH TWO DOTS BELOW                                  |
| 0886 | يٲ  | ARABIC LETTER THIN YEH<br>• no final or isolated forms are attested |
| 0887 | •   | ARABIC BASELINE ROUND DOT                                           |
| 0888 | •   | ARABIC RAISED ROUND DOT                                             |

**Additions for Bosnian orthographies**

|      |    |                                               |
|------|----|-----------------------------------------------|
| 0889 | نٲ | ARABIC LETTER NOON WITH INVERTED SMALL V      |
| 088A | هٲ | ARABIC LETTER HAH WITH INVERTED SMALL V BELOW |

**Additions for Pegon orthographies**

|      |     |                                                                            |
|------|-----|----------------------------------------------------------------------------|
| 088B | طٲ  | ARABIC LETTER TAH WITH DOT BELOW<br>• Pegon, Malagasy                      |
| 088C | طٲٲ | ARABIC LETTER TAH WITH THREE DOTS BELOW<br>• Pegon alternative for 088B طٲ |
| 088D | كٲٲ | ARABIC LETTER KEHEH WITH TWO DOTS VERTICALLY BELOW<br>• Sundanese Pegon    |

**Abbreviation mark**

|      |    |                                                                                                                                      |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------|
| 088E | رٲ | ARABIC VERTICAL TAIL<br>• mark used to indicate abbreviations in early movable type texts from Iran<br>• only attested in final form |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------|

**Supertending currency symbols**

|      |   |                                                 |
|------|---|-------------------------------------------------|
| 0890 | £ | ARABIC POUND MARK ABOVE<br>• Egyptian pound     |
| 0891 | ₭ | ARABIC PIASTRE MARK ABOVE<br>• Egyptian piastre |

**Additions for Quranic orthographies**

|      |     |                                                       |
|------|-----|-------------------------------------------------------|
| 0898 | اٲٲ | ARABIC SMALL HIGH WORD AL-JUZ                         |
| 0899 | اٲٲ | ARABIC SMALL LOW WORD ISHMAAM                         |
| 089A | اٲٲ | ARABIC SMALL LOW WORD IMAALA                          |
| 089B | اٲٲ | ARABIC SMALL LOW WORD TASHEEL                         |
| 089C | اٲٲ | ARABIC MADDA WAAJIB<br>→ 0653 اٲٲ arabic maddah above |
| 089D | اٲٲ | ARABIC SUPERScript ALEF MOKHASSAS                     |
| 089E | اٲٲ | ARABIC DOUBLED MADDA                                  |
| 089F | اٲٲ | ARABIC HALF MADDA OVER MADDA                          |



|   | 08A        | 08B        | 08C        | 08D             | 08E        | 08F        |
|---|------------|------------|------------|-----------------|------------|------------|
| 0 | ب<br>08A0  | گ<br>08B0  | ط<br>08C0  | ◌ْ<br>08D0      | ◌َ<br>08E0 | ◌ِ<br>08F0 |
| 1 | بْ<br>08A1 | و<br>08B1  | چ<br>08C1  | ◌ُ<br>08D1      | ◌ِ<br>08E1 | ◌ِ<br>08F1 |
| 2 | تج<br>08A2 | ژ<br>08B2  | ک<br>08C2  | ◌ْ<br>08D2      | ◌ِ<br>08E2 | ◌ِ<br>08F2 |
| 3 | ظ<br>08A3  | ع<br>08B3  | غ<br>08C3  | ◌ْ<br>08D3      | ◌َ<br>08E3 | ◌ِ<br>08F3 |
| 4 | قب<br>08A4 | ك<br>08B4  | ق<br>08C4  | الربع<br>08D4   | ◌َ<br>08E4 | ◌ِ<br>08F4 |
| 5 | قب<br>08A5 | و<br>08B5  | شج<br>08C5 | ص<br>08D5       | ◌ِ<br>08E5 | ◌ِ<br>08F5 |
| 6 | ث<br>08A6  | بْ<br>08B6 | چ<br>08C6  | ع<br>08D6       | ◌ِ<br>08E6 | ◌ِ<br>08F6 |
| 7 | ثم<br>08A7 | پْ<br>08B7 | ط<br>08C7  | ◌ْ<br>08D7      | ◌َ<br>08E7 | ◌ِ<br>08F7 |
| 8 | ئي<br>08A8 | ت<br>08B8  | گی<br>08C8 | ◌ِ<br>08D8      | ◌ِ<br>08E8 | ◌ِ<br>08F8 |
| 9 | ي<br>08A9  | ر<br>08B9  | ی<br>08C9  | ◌ِ<br>08D9      | ◌ِ<br>08E9 | ◌ِ<br>08F9 |
| A | ر<br>08AA  | ني<br>08BA | ی<br>08CA  | الثالثة<br>08DA | ◌ِ<br>08EA | ◌ِ<br>08FA |
| B | و<br>08AB  | ف<br>08BB  | ی<br>08CB  | السجدة<br>08DB  | ◌ِ<br>08EB | »<br>08FB  |
| C | ي<br>08AC  | و<br>08BC  | ◌ِ<br>08CC | النصف<br>08DC   | ◌ِ<br>08EC | »<br>08FC  |
| D | ر<br>08AD  | ن<br>08BD  | ظ<br>08CD  | سكتة<br>08DD    | ◌ِ<br>08ED | ◌ِ<br>08FD |
| E | پ<br>08AE  | پْ<br>08BE | ◌ِ<br>08CE | قف<br>08DE      | ◌ِ<br>08EE | ◌ِ<br>08FE |
| F | چی<br>08AF | نی<br>08BF | ◌ِ<br>08CF | وقفة<br>08DF    | ◌ِ<br>08EF | ◌ِ<br>08FF |



**Arabic letters for African languages**

- 08A0 ب ARABIC LETTER BEH WITH SMALL V BELOW
- 08A1 ب ARABIC LETTER BEH WITH HAMZA ABOVE
- Adamawa Fulfulde (Cameroon)
  - used for the implosive bilabial stop
  - 0253 ɓ latin small letter b with hook
- 08A2 ج ARABIC LETTER JEEM WITH TWO DOTS ABOVE
- 08A3 ط ARABIC LETTER TAH WITH TWO DOTS ABOVE
- 08A4 ف ARABIC LETTER FEH WITH DOT BELOW AND THREE DOTS ABOVE
- 08A5 ق ARABIC LETTER QAF WITH DOT BELOW
- 08A6 ل ARABIC LETTER LAM WITH DOUBLE BAR
- 08A7 م ARABIC LETTER MEEM WITH THREE DOTS ABOVE
- 08A8 ي ARABIC LETTER YEH WITH TWO DOTS BELOW AND HAMZA ABOVE
- Adamawa Fulfulde
  - used for the implosive palatal approximant, realized as pharyngealization of the approximant
  - 01B4 y' latin small letter y with hook
- 08A9 ي ARABIC LETTER YEH WITH TWO DOTS BELOW AND DOT ABOVE
- Adamawa Fulfulde
  - used for the voiced palatal nasal
  - 0272 ɲ latin small letter n with left hook

**Dependent consonants for Rohingya**

- 08AA ر ARABIC LETTER REH WITH LOOP
- = bottya-reh
- 08AB و ARABIC LETTER WAW WITH DOT WITHIN
- = nota-wa
- 08AC ه ARABIC LETTER ROHINGYA YEH
- = bottya-yeh

**Arabic letters for European and Central Asian languages**

- 08AD ا ARABIC LETTER LOW ALEF
- Bashkir, Tatar
- 08AE د ARABIC LETTER DAL WITH THREE DOTS BELOW
- Belarusian
  - Pegon alternative for 068A ذ
- 08AF ص ARABIC LETTER SAD WITH THREE DOTS BELOW
- Belarusian
- 08B0 گ ARABIC LETTER GAF WITH INVERTED STROKE
- Crimean Tatar, Chechen, Lak
- 08B1 و ARABIC LETTER STRAIGHT WAW
- Tatar

**Arabic letter for Berber**

- 08B2 ز ARABIC LETTER ZAIN WITH INVERTED V ABOVE

**Arabic letters for Arwi**

- 08B3 ع ARABIC LETTER AIN WITH THREE DOTS BELOW
- 08B4 ك ARABIC LETTER KAF WITH DOT BELOW

**Early Arabic letter**

- 08B5 ف ARABIC LETTER QAF WITH DOT BELOW AND NO DOTS ABOVE

**Arabic letters for Bravanese**

- 08B6 ب ARABIC LETTER BEH WITH SMALL MEEM ABOVE
- 08B7 پ ARABIC LETTER PEH WITH SMALL MEEM ABOVE
- 08B8 ت ARABIC LETTER TEH WITH SMALL TEH ABOVE

- 08B9 ز ARABIC LETTER REH WITH SMALL NOON ABOVE
- 08BA ي ARABIC LETTER YEH WITH TWO DOTS BELOW AND SMALL NOON ABOVE

**Arabic letters for Warsh orthography**

*The Warsh orthography is the most widespread tradition for the Arabic script in North and West Africa.*

- 08BB ف ARABIC LETTER AFRICAN FEH
- initial and medial forms have one dot below
  - 06A1 ف arabic letter dotless feh
  - 06A2 ف arabic letter feh with dot moved below
- 08BC ق ARABIC LETTER AFRICAN QAF
- initial and medial forms have one dot above
  - 066F ق arabic letter dotless qaf
  - 06A7 ق arabic letter qaf with dot above
  - 08C4 ق arabic letter african qaf with three dots above
- 08BD ن ARABIC LETTER AFRICAN NOON
- initial and medial forms have one dot above
  - 06BA ن arabic letter noon ghunna
  - 0646 ن arabic letter noon

**Arabic letters for Hindko**

- 08BE پ ARABIC LETTER PEH WITH SMALL V
- 08BF ت ARABIC LETTER TEH WITH SMALL V
- 08C0 ث ARABIC LETTER TTEH WITH SMALL V
- 08C1 چ ARABIC LETTER TCHEH WITH SMALL V
- 08C2 ک ARABIC LETTER KEHEH WITH SMALL V

**Arabic letters for Hausa, Wolof and other African orthographies**

- 08C3 غ ARABIC LETTER GHAIN WITH THREE DOTS ABOVE
- 08C4 ق ARABIC LETTER AFRICAN QAF WITH THREE DOTS ABOVE
- this letter shows an additional single dot above for the qaf only in initial and medial forms
  - 08BC ق arabic letter african qaf
- 08C5 ج ARABIC LETTER JEEM WITH THREE DOTS ABOVE
- 08C6 ج ARABIC LETTER JEEM WITH THREE DOTS BELOW

**Arabic letter for Punjabi**

- 08C7 ل ARABIC LETTER LAM WITH SMALL ARABIC LETTER TAH ABOVE

**Arabic letter for Balti**

- 08C8 گ ARABIC LETTER GRAF

**Additions for Quranic orthographies**

- 08C9 ء ARABIC SMALL FARSI YEH
- 08CA ٲ ARABIC SMALL HIGH FARSI YEH
- 08CB ٴ ARABIC SMALL HIGH YEH BARREE WITH TWO DOTS BELOW
- 08CC ٶ ARABIC SMALL HIGH WORD SAH
- = sign of waqf
- 08CD ٸ ARABIC SMALL HIGH ZAH
- 08CE ٺ ARABIC LARGE ROUND DOT ABOVE
- 08CF ٽ ARABIC LARGE ROUND DOT BELOW
- 08D0 ٿ ARABIC SUKUN BELOW
- 08D1 ٿ ARABIC LARGE CIRCLE BELOW
- 08D2 ٿ ARABIC LARGE ROUND DOT INSIDE CIRCLE BELOW

**Quranic annotation signs**

|      |                                                                     |
|------|---------------------------------------------------------------------|
| 08D3 | ARABIC SMALL LOW WAW                                                |
| 08D4 | ARABIC SMALL HIGH WORD AR-RUB                                       |
| 08D5 | ARABIC SMALL HIGH SAD                                               |
| 08D6 | ARABIC SMALL HIGH AIN                                               |
| 08D7 | ARABIC SMALL HIGH QAF                                               |
| 08D8 | ARABIC SMALL HIGH NOON WITH KASRA                                   |
| 08D9 | ARABIC SMALL LOW NOON WITH KASRA                                    |
| 08DA | ARABIC SMALL HIGH WORD ATH-THALATHA                                 |
| 08DB | ARABIC SMALL HIGH WORD AS-SAJDA                                     |
| 08DC | ARABIC SMALL HIGH WORD AN-NISF                                      |
| 08DD | ARABIC SMALL HIGH WORD SAKTA<br>→ 10EFD arabic small low word sakta |
| 08DE | ARABIC SMALL HIGH WORD QIF                                          |
| 08DF | ARABIC SMALL HIGH WORD WAQFA                                        |
| 08E0 | ARABIC SMALL HIGH FOOTNOTE MARKER                                   |
| 08E1 | ARABIC SMALL HIGH SIGN SAFHA                                        |
| 08E2 | ARABIC DISPUTED END OF AYAH                                         |

**Extended vowel sign for Arwi**

|      |                           |
|------|---------------------------|
| 08E3 | ARABIC TURNED DAMMA BELOW |
|------|---------------------------|

**Extended vowel signs for Rohingya**

|      |                       |
|------|-----------------------|
| 08E4 | ARABIC CURLY FATHA    |
| 08E5 | ARABIC CURLY DAMMA    |
| 08E6 | ARABIC CURLY KASRA    |
| 08E7 | ARABIC CURLY FATHATAN |
| 08E8 | ARABIC CURLY DAMMATAN |
| 08E9 | ARABIC CURLY KASRATAN |

**Tone marks for Rohingya**

|      |                            |
|------|----------------------------|
| 08EA | ARABIC TONE ONE DOT ABOVE  |
| 08EB | ARABIC TONE TWO DOTS ABOVE |
| 08EC | ARABIC TONE LOOP ABOVE     |
| 08ED | ARABIC TONE ONE DOT BELOW  |
| 08EE | ARABIC TONE TWO DOTS BELOW |
| 08EF | ARABIC TONE LOOP BELOW     |

**Quranic annotation signs**

|      |                                               |
|------|-----------------------------------------------|
| 08F0 | ARABIC OPEN FATHATAN<br>= successive fathatan |
| 08F1 | ARABIC OPEN DAMMATAN<br>= successive dammatan |
| 08F2 | ARABIC OPEN KASRATAN<br>= successive kasratan |
| 08F3 | ARABIC SMALL HIGH WAW                         |

**Extended vowel signs for African languages**

|      |                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------|
| 08F4 | ARABIC FATHA WITH RING                                                                                                      |
| 08F5 | ARABIC FATHA WITH DOT ABOVE                                                                                                 |
| 08F6 | ARABIC KASRA WITH DOT BELOW<br>• also used in Philippine languages                                                          |
| 08F7 | ARABIC LEFT ARROWHEAD ABOVE                                                                                                 |
| 08F8 | ARABIC RIGHT ARROWHEAD ABOVE<br>• also used in Quranic text in African and other orthographies to represent damma           |
| 08F9 | ARABIC LEFT ARROWHEAD BELOW                                                                                                 |
| 08FA | ARABIC RIGHT ARROWHEAD BELOW                                                                                                |
| 08FB | ARABIC DOUBLE RIGHT ARROWHEAD ABOVE<br>• also used in Quranic text in African and other orthographies to represent dammatan |
| 08FC | ARABIC DOUBLE RIGHT ARROWHEAD ABOVE WITH DOT                                                                                |
| 08FD | ARABIC RIGHT ARROWHEAD ABOVE WITH DOT                                                                                       |

**Extended vowel signs**

|      |                                                 |
|------|-------------------------------------------------|
| 08FE | ARABIC DAMMA WITH DOT<br>• Philippine languages |
| 08FF | ARABIC MARK SIDEWAYS NOON GHUNNA                |

|   | 0C0       | 0C1       | 0C2       | 0C3       | 0C4       | 0C5       | 0C6       | 0C7       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | ం<br>0C00 | ఐ<br>0C10 | ఠ<br>0C20 | ర<br>0C30 | ీ<br>0C40 |           | ఋ<br>0C60 |           |
| 1 | ఁ<br>0C01 |           | డ<br>0C21 | ఱ<br>0C31 | ు<br>0C41 |           | ౠ<br>0C61 |           |
| 2 | ం<br>0C02 | ఓ<br>0C12 | ఢ<br>0C22 | ల<br>0C32 | ూ<br>0C42 |           | ౡ<br>0C62 |           |
| 3 | ం<br>0C03 | ఓ<br>0C13 | ణ<br>0C23 | శ<br>0C33 | ృ<br>0C43 |           | ౣ<br>0C63 |           |
| 4 | ం<br>0C04 | ఔ<br>0C14 | త<br>0C24 | ఱ<br>0C34 | ౄ<br>0C44 |           |           |           |
| 5 | అ<br>0C05 | క<br>0C15 | థ<br>0C25 | వ<br>0C35 |           | ి<br>0C55 |           |           |
| 6 | ఆ<br>0C06 | ఖ<br>0C16 | ద<br>0C26 | శ<br>0C36 | ై<br>0C46 | ి<br>0C56 | ం<br>0C66 |           |
| 7 | ఇ<br>0C07 | గ<br>0C17 | ధ<br>0C27 | భ<br>0C37 | ౌ<br>0C47 |           | ం<br>0C67 | ం<br>0C77 |
| 8 | ఈ<br>0C08 | ఘ<br>0C18 | న<br>0C28 | ప<br>0C38 | ై<br>0C48 | ఱ<br>0C58 | ం<br>0C68 | ం<br>0C78 |
| 9 | ఉ<br>0C09 | జ<br>0C19 |           | భ<br>0C39 |           | ఱ<br>0C59 | ం<br>0C69 | ం<br>0C79 |
| A | ఊ<br>0C0A | చ<br>0C1A | ప<br>0C2A |           | ై<br>0C4A | ఱ<br>0C5A | ం<br>0C6A | ం<br>0C7A |
| B | ఋ<br>0C0B | ఞ<br>0C1B | ఫ<br>0C2B |           | ై<br>0C4B |           | ం<br>0C6B | ం<br>0C7B |
| C | ౠ<br>0C0C | జ<br>0C1C | బ<br>0C2C | ం<br>0C3C | ై<br>0C4C |           | ం<br>0C6C | ం<br>0C7C |
| D |           | ఝ<br>0C1D | భ<br>0C2D | ం<br>0C3D | ై<br>0C4D | ం<br>0C5D | ం<br>0C6D | ం<br>0C7D |
| E | ఎ<br>0C0E | ఞ<br>0C1E | మ<br>0C2E | ై<br>0C3E |           |           | ం<br>0C6E | ం<br>0C7E |
| F | ప<br>0C0F | ట<br>0C1F | య<br>0C2F | ి<br>0C3F |           |           | ం<br>0C6F | ం<br>0C7F |

## Telugu

## Various signs

|      |   |                                                                                                                       |
|------|---|-----------------------------------------------------------------------------------------------------------------------|
| 0C00 | 𑑖 | TELUGU SIGN COMBINING CANDRABINDU ABOVE                                                                               |
| 0C01 | 𑑖 | TELUGU SIGN CANDRABINDU<br>= arasunna<br>• indicates a contextually elided nasal                                      |
| 0C02 | 𑑖 | TELUGU SIGN ANUSVARA<br>= sunna<br>• used in Prakrit language texts to indicate gemination of the following consonant |
| 0C03 | 𑑖 | TELUGU SIGN VISARGA                                                                                                   |
| 0C04 | 𑑖 | TELUGU SIGN COMBINING ANUSVARA ABOVE<br>• used in Prakrit language texts for the linguistic anusvara                  |

## Independent vowels

|      |   |                         |
|------|---|-------------------------|
| 0C05 | అ | TELUGU LETTER A         |
| 0C06 | ఆ | TELUGU LETTER AA        |
| 0C07 | ఇ | TELUGU LETTER I         |
| 0C08 | ఈ | TELUGU LETTER II        |
| 0C09 | ఉ | TELUGU LETTER U         |
| 0C0A | ఊ | TELUGU LETTER UU        |
| 0C0B | ఋ | TELUGU LETTER VOCALIC R |
| 0C0C | ౠ | TELUGU LETTER VOCALIC L |
| 0C0D | ▣ | <reserved>              |
| 0C0E | ఎ | TELUGU LETTER E         |
| 0C0F | ఏ | TELUGU LETTER EE        |
| 0C10 | ఐ | TELUGU LETTER AI        |
| 0C11 | ▣ | <reserved>              |
| 0C12 | ఒ | TELUGU LETTER O         |
| 0C13 | ఓ | TELUGU LETTER OO        |
| 0C14 | ఔ | TELUGU LETTER AU        |

## Consonants

|      |   |                    |
|------|---|--------------------|
| 0C15 | క | TELUGU LETTER KA   |
| 0C16 | ఖ | TELUGU LETTER KHA  |
| 0C17 | గ | TELUGU LETTER GA   |
| 0C18 | ఘ | TELUGU LETTER GHA  |
| 0C19 | ఙ | TELUGU LETTER NGA  |
| 0C1A | చ | TELUGU LETTER CA   |
| 0C1B | ఛ | TELUGU LETTER CHA  |
| 0C1C | జ | TELUGU LETTER JA   |
| 0C1D | ఝ | TELUGU LETTER JHA  |
| 0C1E | ఞ | TELUGU LETTER NYA  |
| 0C1F | ట | TELUGU LETTER TTA  |
| 0C20 | థ | TELUGU LETTER TTHA |
| 0C21 | డ | TELUGU LETTER DDA  |
| 0C22 | ఢ | TELUGU LETTER DDHA |
| 0C23 | ణ | TELUGU LETTER NNA  |
| 0C24 | త | TELUGU LETTER TA   |
| 0C25 | థ | TELUGU LETTER THA  |
| 0C26 | ద | TELUGU LETTER DA   |
| 0C27 | ధ | TELUGU LETTER DHA  |
| 0C28 | న | TELUGU LETTER NA   |
| 0C29 | ☐ | <reserved>         |
| 0C2A | ప | TELUGU LETTER PA   |
| 0C2B | ఫ | TELUGU LETTER PHA  |
| 0C2C | బ | TELUGU LETTER BA   |
| 0C2D | భ | TELUGU LETTER BHA  |
| 0C2E | మ | TELUGU LETTER MA   |
| 0C2F | య | TELUGU LETTER YA   |
| 0C30 | ర | TELUGU LETTER RA   |
| 0C31 | ఱ | TELUGU LETTER RRA  |

|      |   |                    |
|------|---|--------------------|
| 0C32 | ల | TELUGU LETTER LA   |
| 0C33 | ళ | TELUGU LETTER LLA  |
| 0C34 | ఱ | TELUGU LETTER LLLA |
| 0C35 | వ | TELUGU LETTER VA   |
| 0C36 | ష | TELUGU LETTER SHA  |
| 0C37 | ష | TELUGU LETTER SSA  |
| 0C38 | స | TELUGU LETTER SA   |
| 0C39 | హ | TELUGU LETTER HA   |

### Sign

**0C3C** ♀ **TELUGU SIGN NUKTA**

- used for Tamil transliteration and Perso-Arabic phonemes
- can also appear as a large dot, should be placed sufficiently below the baseline of a consonant to avoid confusion/collision with the aspiration marker

### Addition for Sanskrit

0C3D 2 TELUGU SIGN AVAGRAHA

### Dependent vowel signs

|      |          |                              |
|------|----------|------------------------------|
| 0C3E | 𑖦𑖻       | TELUGU VOWEL SIGN AA         |
| 0C3F | 𑖦𑖼       | TELUGU VOWEL SIGN I          |
| 0C40 | 𑖦𑖽       | TELUGU VOWEL SIGN II         |
| 0C41 | 𑖦𑖾       | TELUGU VOWEL SIGN U          |
| 0C42 | 𑖦𑖿       | TELUGU VOWEL SIGN UU         |
| 0C43 | 𑖧𑖻       | TELUGU VOWEL SIGN VOCALIC R  |
| 0C44 | 𑖧𑖼       | TELUGU VOWEL SIGN VOCALIC RR |
| 0C45 | 𑖧𑖽       | <reserved>                   |
| 0C46 | 𑖧𑖾       | TELUGU VOWEL SIGN E          |
| 0C47 | 𑖧𑖿       | TELUGU VOWEL SIGN EE         |
| 0C48 | 𑖨𑖻       | TELUGU VOWEL SIGN AI         |
|      | 𑖨𑖼 𑖨𑖽 𑖨𑖾 | ≡ 0C46 𑖨𑖿 0C56 𑖨𑖻            |
| 0C49 | 𑖨𑖾       | <reserved>                   |
| 0C4A | 𑖨𑖿       | TELUGU VOWEL SIGN O          |
| 0C4B | 𑖩𑖻       | TELUGU VOWEL SIGN OO         |
| 0C4C | 𑖩𑖼       | TELUGU VOWEL SIGN AU         |

## Virama

0C4D  TELUGU SIGN VIRAMA  
= halant (the preferred name)

### Various signs

|      |   |                       |
|------|---|-----------------------|
| 0C55 | ○ | TELUGU LENGTH MARK    |
| 0C56 | ○ | TELUGU AI LENGTH MARK |

### Historic phonetic variants

|      |   |                     |
|------|---|---------------------|
| 0C58 | త | TELUGU LETTER TSA   |
| 0C59 | జ | TELUGU LETTER DZA   |
| 0C5A | ఱ | TELUGU LETTER RRRRA |

- letter for an alveolar consonant whose exact phonetic value is not known

### Consonant

0C5D ಀ TELUGU LETTER NAKAARA POLLU

- vowelless form of na
- 0CDD ಀ kannada letter nakaara pollu
- 0D7B ഃ malayalam letter chillu n

### Additional vowels for Sanskrit

|      |   |                          |
|------|---|--------------------------|
| 0C60 | ఋ | TELUGU LETTER VOCALIC RR |
| 0C61 | ౠ | TELUGU LETTER VOCALIC LL |

## Dependent vowels

|      |   |                              |
|------|---|------------------------------|
| 0C62 | ○ | TELUGU VOWEL SIGN VOCALIC L  |
| 0C63 | ◌ | TELUGU VOWEL SIGN VOCALIC LL |

**Reserved**

For viram punctuation, use the generic Indic 0964 and 0965.

- 0C64  <reserved>  
→ 0964 I devanagari danda
- 0C65  <reserved>  
→ 0965 II devanagari double danda

**Digits**

- 0C66  TELUGU DIGIT ZERO
- 0C67  TELUGU DIGIT ONE
- 0C68  TELUGU DIGIT TWO
- 0C69  TELUGU DIGIT THREE
- 0C6A  TELUGU DIGIT FOUR
- 0C6B  TELUGU DIGIT FIVE
- 0C6C  TELUGU DIGIT SIX
- 0C6D  TELUGU DIGIT SEVEN
- 0C6E  TELUGU DIGIT EIGHT
- 0C6F  TELUGU DIGIT NINE

**Sign**

- 0C77  TELUGU SIGN SIDDHAM  
= siddhirastu  
• used at the beginning of texts as an invocation  
→ A8FC  devanagari sign siddham  
→ 111DB  sharada sign siddham

**Telugu fractions and weights**

- 0C78  TELUGU FRACTION DIGIT ZERO FOR ODD  
POWERS OF FOUR
- 0C79  TELUGU FRACTION DIGIT ONE FOR ODD  
POWERS OF FOUR
- 0C7A  TELUGU FRACTION DIGIT TWO FOR ODD  
POWERS OF FOUR
- 0C7B  TELUGU FRACTION DIGIT THREE FOR ODD  
POWERS OF FOUR
- 0C7C  TELUGU FRACTION DIGIT ONE FOR EVEN  
POWERS OF FOUR
- 0C7D  TELUGU FRACTION DIGIT TWO FOR EVEN  
POWERS OF FOUR
- 0C7E  TELUGU FRACTION DIGIT THREE FOR EVEN  
POWERS OF FOUR
- 0C7F  TELUGU SIGN TUUMU

|   | 0C8       | 0C9       | 0CA       | 0CB       | 0CC       | 0CD       | 0CE       | 0CF       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | ಁ<br>0C80 | ಂ<br>0C90 | ಃ<br>0CA0 | ಄<br>0CB0 | ಅ<br>0CC0 |           | ಆ<br>0CE0 |           |
| 1 | ಇ<br>0C81 |           | ಈ<br>0CA1 | ಉ<br>0CB1 | ಊ<br>0CC1 |           | ಋ<br>0CE1 | ಠ<br>0CF1 |
| 2 | ಋ<br>0C82 | ಌ<br>0C92 | ಍<br>0CA2 | ಎ<br>0CB2 | ಏ<br>0CC2 |           | ಋ<br>0CE2 | ಠ<br>0CF2 |
| 3 | ಠ<br>0C83 | ಉ<br>0C93 | ಊ<br>0CA3 | ಋ<br>0CB3 | ಌ<br>0CC3 |           | ಋ<br>0CE3 | ಠ<br>0CF3 |
| 4 | ಉ<br>0C84 | ಊ<br>0C94 | ಋ<br>0CA4 |           | ಌ<br>0CC4 |           |           |           |
| 5 | ಋ<br>0C85 | ಌ<br>0C95 | ಍<br>0CA5 | ಎ<br>0CB5 |           | ಏ<br>0CD5 |           |           |
| 6 | ಊ<br>0C86 | ಋ<br>0C96 | ಉ<br>0CA6 | ಊ<br>0CB6 | ಋ<br>0CC6 | ಌ<br>0CD6 | ಋ<br>0CE6 |           |
| 7 | ಋ<br>0C87 | ಌ<br>0C97 | ಍<br>0CA7 | ಎ<br>0CB7 | ಏ<br>0CC7 |           | ಋ<br>0CE7 |           |
| 8 | ಉ<br>0C88 | ಊ<br>0C98 | ಋ<br>0CA8 | ಌ<br>0CB8 | ಋ<br>0CC8 |           | ಋ<br>0CE8 |           |
| 9 | ಊ<br>0C89 | ಋ<br>0C99 |           | ಉ<br>0CB9 |           |           | ಋ<br>0CE9 |           |
| A | ಊ<br>0C8A | ಋ<br>0C9A | ಉ<br>0CAA |           | ಋ<br>0CCA |           | ಋ<br>0CEA |           |
| B | ಋ<br>0C8B | ಌ<br>0C9B | ಍<br>0CAB |           | ಋ<br>0CCB |           | ಋ<br>0CEB |           |
| C | ಋ<br>0C8C | ಌ<br>0C9C | ಍<br>0CAC | ಎ<br>0CBC | ಏ<br>0CCC |           | ಋ<br>0CEC |           |
| D |           | ಋ<br>0C9D | ಉ<br>0CAD | ಊ<br>0CBD | ಋ<br>0CCD | ಌ<br>0CDD | ಋ<br>0CED |           |
| E | ಉ<br>0C8E | ಊ<br>0C9E | ಋ<br>0CAE | ಌ<br>0CBE |           | ಋ<br>0CDE | ಋ<br>0CEE |           |
| F | ಉ<br>0C8F | ಊ<br>0C9F | ಋ<br>0CAF | ಌ<br>0CBF |           |           | ಋ<br>0CEF |           |

## OC80

## Kannada

## OCE5

## Various signs

|      |   |                                                                                                |
|------|---|------------------------------------------------------------------------------------------------|
| 0C80 | ◌ | KANNADA SIGN SPACING CANDRABINDU                                                               |
| 0C81 | ◌ | KANNADA SIGN CANDRABINDU                                                                       |
| 0C82 | ◌ | KANNADA SIGN ANUSVARA                                                                          |
|      |   | • used in Konkani, Havyaka Kannada (Havigannada) and Awadhi texts to indicate regular anusvara |
| 0C83 | ◌ | KANNADA SIGN VISARGA                                                                           |
| 0C84 | ◌ | KANNADA SIGN SIDDHAM                                                                           |
|      |   | = siddhirastu                                                                                  |
|      |   | • used at the beginning of texts as an invocation                                              |
|      |   | → A8FC ◌ devanagari sign siddham                                                               |
|      |   | → 111DB ◌ sharada sign siddham                                                                 |

## Independent vowels

|      |   |                          |
|------|---|--------------------------|
| 0C85 | ಅ | KANNADA LETTER A         |
| 0C86 | ಆ | KANNADA LETTER AA        |
| 0C87 | ಇ | KANNADA LETTER I         |
| 0C88 | ಈ | KANNADA LETTER II        |
| 0C89 | ಉ | KANNADA LETTER U         |
| 0C8A | ಊ | KANNADA LETTER UU        |
| 0C8B | ಋ | KANNADA LETTER VOCALIC R |
| 0C8C | ೠ | KANNADA LETTER VOCALIC L |
| 0C8D | ◌ | <reserved>               |
| 0C8E | ಎ | KANNADA LETTER E         |
| 0C8F | ಏ | KANNADA LETTER EE        |
| 0C90 | ಐ | KANNADA LETTER AI        |
| 0C91 | ◌ | <reserved>               |
| 0C92 | ಒ | KANNADA LETTER O         |
| 0C93 | ಓ | KANNADA LETTER OO        |
| 0C94 | ಔ | KANNADA LETTER AU        |

## Consonants

|      |   |                     |
|------|---|---------------------|
| 0C95 | ಕ | KANNADA LETTER KA   |
| 0C96 | ಖ | KANNADA LETTER KHA  |
| 0C97 | ಗ | KANNADA LETTER GA   |
| 0C98 | ಘ | KANNADA LETTER GHA  |
| 0C99 | ಙ | KANNADA LETTER NGA  |
| 0C9A | ಚ | KANNADA LETTER CA   |
| 0C9B | ಛ | KANNADA LETTER CHA  |
| 0C9C | ಜ | KANNADA LETTER JA   |
| 0C9D | ಝ | KANNADA LETTER JHA  |
| 0C9E | ಞ | KANNADA LETTER NYA  |
| 0C9F | ಟ | KANNADA LETTER TTA  |
| 0CA0 | ಠ | KANNADA LETTER TTHA |
| 0CA1 | ಡ | KANNADA LETTER DDA  |
| 0CA2 | ಢ | KANNADA LETTER DDHA |
| 0CA3 | ಣ | KANNADA LETTER NNA  |
| 0CA4 | ತ | KANNADA LETTER TA   |
| 0CA5 | ಥ | KANNADA LETTER THA  |
| 0CA6 | ದ | KANNADA LETTER DA   |
| 0CA7 | ಧ | KANNADA LETTER DHA  |
| 0CA8 | ನ | KANNADA LETTER NA   |
| 0CA9 | ◌ | <reserved>          |
| 0CAA | ಪ | KANNADA LETTER PA   |
| 0CAB | ಫ | KANNADA LETTER PHA  |
| 0CAC | ಬ | KANNADA LETTER BA   |
| 0CAD | ಭ | KANNADA LETTER BHA  |
| 0CAE | ಮ | KANNADA LETTER MA   |
| 0CAF | ಯ | KANNADA LETTER YA   |
| 0CB0 | ರ | KANNADA LETTER RA   |
| 0CB1 | ಱ | KANNADA LETTER RRA  |
| 0CB2 | ಲ | KANNADA LETTER LA   |

|      |   |                    |
|------|---|--------------------|
| 0CB3 | ಳ | KANNADA LETTER LLA |
| 0CB4 | ◌ | <reserved>         |
| 0CB5 | ವ | KANNADA LETTER VA  |
| 0CB6 | ಶ | KANNADA LETTER SHA |
| 0CB7 | ಷ | KANNADA LETTER SSA |
| 0CB8 | ಸ | KANNADA LETTER SA  |
| 0CB9 | ಹ | KANNADA LETTER HA  |

## Various signs

|      |   |                       |
|------|---|-----------------------|
| 0CBC | ◌ | KANNADA SIGN NUKTA    |
| 0CBD | ಸ | KANNADA SIGN AVAGRAHA |

## Dependent vowel signs

|      |   |                               |
|------|---|-------------------------------|
| 0CBE | ◌ | KANNADA VOWEL SIGN AA         |
| 0CBF | ◌ | KANNADA VOWEL SIGN I          |
| 0CC0 | ◌ | KANNADA VOWEL SIGN II         |
|      |   | ≡ 0CBF ◌ 0CD5 ◌               |
| 0CC1 | ◌ | KANNADA VOWEL SIGN U          |
| 0CC2 | ◌ | KANNADA VOWEL SIGN UU         |
| 0CC3 | ◌ | KANNADA VOWEL SIGN VOCALIC R  |
| 0CC4 | ◌ | KANNADA VOWEL SIGN VOCALIC RR |
| 0CC5 | ◌ | <reserved>                    |
| 0CC6 | ◌ | KANNADA VOWEL SIGN E          |
| 0CC7 | ◌ | KANNADA VOWEL SIGN EE         |
|      |   | ≡ 0CC6 ◌ 0CD5 ◌               |
| 0CC8 | ◌ | KANNADA VOWEL SIGN AI         |
|      |   | ≡ 0CC6 ◌ 0CD6 ◌               |
| 0CC9 | ◌ | <reserved>                    |
| 0CCA | ◌ | KANNADA VOWEL SIGN O          |
|      |   | ≡ 0CC6 ◌ 0CC2 ◌               |
| 0CCB | ◌ | KANNADA VOWEL SIGN OO         |
|      |   | ≡ 0CCA ◌ 0CD5 ◌               |
| 0CCC | ◌ | KANNADA VOWEL SIGN AU         |

## Virama

|      |   |                            |
|------|---|----------------------------|
| 0CCD | ◌ | KANNADA SIGN VIRAMA        |
|      |   | • preferred name is halant |

## Various signs

|      |   |                        |
|------|---|------------------------|
| 0CD5 | ◌ | KANNADA LENGTH MARK    |
| 0CD6 | ◌ | KANNADA AI LENGTH MARK |

## Additional consonants

|      |   |                                      |
|------|---|--------------------------------------|
| 0CDD | ಼ | KANNADA LETTER NAKAARA POLLU         |
|      |   | • vowelless form of na               |
|      |   | → 0C5D ಼ telugu letter nakaara pollu |
|      |   | → 0D7B റ malayalam letter chillu n   |

|      |   |                              |
|------|---|------------------------------|
| 0CDE | ಱ | KANNADA LETTER FA            |
|      |   | × KANNADA LETTER LLLA        |
|      |   | • obsolete historic letter   |
|      |   | • name is a mistake for LLLA |

## Additional vowels for Sanskrit

|      |   |                           |
|------|---|---------------------------|
| 0CE0 | ಋ | KANNADA LETTER VOCALIC RR |
| 0CE1 | ೠ | KANNADA LETTER VOCALIC LL |

## Dependent vowels

|      |   |                               |
|------|---|-------------------------------|
| 0CE2 | ◌ | KANNADA VOWEL SIGN VOCALIC L  |
| 0CE3 | ◌ | KANNADA VOWEL SIGN VOCALIC LL |

## Reserved

For viram punctuation, use the generic Indic 0964 and 0965.

|      |   |                                   |
|------|---|-----------------------------------|
| 0CE4 | ◌ | <reserved>                        |
|      |   | → 0964 I devanagari danda         |
| 0CE5 | ◌ | <reserved>                        |
|      |   | → 0965 II devanagari double danda |

**Digits**

|      |   |                     |
|------|---|---------------------|
| 0CE6 | ೦ | KANNADA DIGIT ZERO  |
| 0CE7 | ೧ | KANNADA DIGIT ONE   |
| 0CE8 | ೨ | KANNADA DIGIT TWO   |
| 0CE9 | ೩ | KANNADA DIGIT THREE |
| 0CEA | ೪ | KANNADA DIGIT FOUR  |
| 0CEB | ೫ | KANNADA DIGIT FIVE  |
| 0CEC | ೬ | KANNADA DIGIT SIX   |
| 0CED | ೭ | KANNADA DIGIT SEVEN |
| 0CEE | ೮ | KANNADA DIGIT EIGHT |
| 0CEF | ೯ | KANNADA DIGIT NINE  |

**Signs used in Sanskrit**

|      |    |                                                                                                                                                 |
|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 0CF1 | ॐ  | KANNADA SIGN JIHVAMULIYA<br>→ 1CF5 ॐ vedic sign jihvamuliya                                                                                     |
| 0CF2 | ॐ  | KANNADA SIGN UPADHMANIYA<br>→ 1CF6 ॐ vedic sign upadhmaniya                                                                                     |
| 0CF3 | ◌◌ | KANNADA SIGN COMBINING ANUSVARA<br>ABOVE RIGHT<br>• used in Konkani, Havyaka Kannada<br>(Havigannada) and Awadhi texts to indicate<br>anunāsikā |

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|   | 0E8       | 0E9       | 0EA       | 0EB       | 0EC       | 0ED       | 0EE | 0EF |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----|-----|
| 0 |           | ກ<br>0E90 | ກ<br>0EA0 | ະ<br>0EB0 | ເ<br>0EC0 | ອ<br>0ED0 |     |     |
| 1 | ກ<br>0E81 | ທ<br>0E91 | ນ<br>0EA1 | ້<br>0EB1 | ແ<br>0EC1 | ໑<br>0ED1 |     |     |
| 2 | ຂ<br>0E82 | ຜ<br>0E92 | ຢ<br>0EA2 | າ<br>0EB2 | ໄ<br>0EC2 | ໒<br>0ED2 |     |     |
| 3 |           | ຕ<br>0E93 | ຣ<br>0EA3 | ຳ<br>0EB3 | ໃ<br>0EC3 | ໓<br>0ED3 |     |     |
| 4 | ຄ<br>0E84 | ດ<br>0E94 |           | ົ<br>0EB4 | ໄ<br>0EC4 | ໔<br>0ED4 |     |     |
| 5 |           | ຕ<br>0E95 | ລ<br>0EA5 | ື<br>0EB5 |           | ໕<br>0ED5 |     |     |
| 6 | ພ<br>0E86 | ຖ<br>0E96 |           | ື<br>0EB6 | ຶ<br>0EC6 | ໖<br>0ED6 |     |     |
| 7 | ງ<br>0E87 | ທ<br>0E97 | ວ<br>0EA7 | ື<br>0EB7 |           | ກ<br>0ED7 |     |     |
| 8 | ຈ<br>0E88 | ຜ<br>0E98 | ຮ<br>0EA8 | ູ<br>0EB8 | ົ<br>0EC8 | ໘<br>0ED8 |     |     |
| 9 | ຊ<br>0E89 | ນ<br>0E99 | ຮ<br>0EA9 | ູ<br>0EB9 | ົ<br>0EC9 | ລ<br>0ED9 |     |     |
| A | ຊ<br>0E8A | ບ<br>0E9A | ສ<br>0EA0 | ູ<br>0EB0 | ົ<br>0EC0 |           |     |     |
| B |           | ປ<br>0E9B | ຫ<br>0EAB | ົ<br>0EBB | ົ<br>0ECB |           |     |     |
| C | ຊ<br>0E8C | ຜ<br>0E9C | ຮ<br>0EAC | ູ<br>0EB0 | ົ<br>0EC0 | ຫ<br>0EDC |     |     |
| D | ຍ<br>0E8D | ຜ<br>0E9D | ອ<br>0EAD | ູ<br>0EBD | ົ<br>0ECD | ຫ<br>0EDD |     |     |
| E | ເ<br>0E8E | ພ<br>0E9E | ຮ<br>0EAE |           | ົ<br>0ECE | ກ<br>0EDE |     |     |
| F | ຝ<br>0E8F | ຟ<br>0E9F | ຮ<br>0EAF |           |           | ຮ<br>0EDF |     |     |

## OE81

## Lao

## OECA

## Consonants

|      |   |                                                                                                                 |
|------|---|-----------------------------------------------------------------------------------------------------------------|
| 0E81 | ກ | LAO LETTER KO<br>= ko kay                                                                                       |
| 0E82 | ຂ | LAO LETTER KHO SUNG<br>= kho khay                                                                               |
| 0E83 | ◻ | <reserved>                                                                                                      |
| 0E84 | ຄ | LAO LETTER KHO TAM<br>= kho khuay                                                                               |
| 0E85 | ◻ | <reserved>                                                                                                      |
| 0E86 | ພ | LAO LETTER PALI GHA                                                                                             |
| 0E87 | ງ | LAO LETTER NGO<br>= ngo ngu, ngo ngua                                                                           |
| 0E88 | ຈ | LAO LETTER CO<br>= co cok, co cua                                                                               |
| 0E89 | ຊ | LAO LETTER PALI CHA                                                                                             |
| 0E8A | ຊ | LAO LETTER SO TAM<br>= so sang                                                                                  |
| 0E8B | ◻ | <reserved>                                                                                                      |
| 0E8C | ຊ | LAO LETTER PALI JHA                                                                                             |
| 0E8D | ຍ | LAO LETTER NYO<br>= nyo nyung                                                                                   |
| 0E8E | ນ | LAO LETTER PALI NYA                                                                                             |
| 0E8F | ຮ | LAO LETTER PALI TTA                                                                                             |
| 0E90 | ງ | LAO LETTER PALI TTHA                                                                                            |
| 0E91 | ຜ | LAO LETTER PALI DDA                                                                                             |
| 0E92 | ຜ | LAO LETTER PALI DDHA                                                                                            |
| 0E93 | ນ | LAO LETTER PALI NNA                                                                                             |
| 0E94 | ດ | LAO LETTER DO<br>= do dek                                                                                       |
| 0E95 | ຕ | LAO LETTER TO<br>= to ta                                                                                        |
| 0E96 | ຖ | LAO LETTER THO SUNG<br>= tho thong                                                                              |
| 0E97 | ຖ | LAO LETTER THO TAM<br>= tho thung                                                                               |
| 0E98 | ຖ | LAO LETTER PALI DHA                                                                                             |
| 0E99 | ນ | LAO LETTER NO<br>= no nok                                                                                       |
| 0E9A | ບ | LAO LETTER BO<br>= bo be, bo bet                                                                                |
| 0E9B | ປ | LAO LETTER PO<br>= po pa                                                                                        |
| 0E9C | ຜ | LAO LETTER PHO SUNG<br>= pho pheng                                                                              |
| 0E9D | ຜ | LAO LETTER FO TAM<br>× LAO LETTER FO FON<br>= fo fa<br>• name is a mistake for fo sung                          |
| 0E9E | ຜ | LAO LETTER PHO TAM<br>= pho phu                                                                                 |
| 0E9F | ຜ | LAO LETTER FO SUNG<br>× LAO LETTER FO FAY<br>• name is a mistake for fo tam                                     |
| 0EA0 | ກ | LAO LETTER PALI BHA                                                                                             |
| 0EA1 | ມ | LAO LETTER MO<br>= mo mew, mo ma                                                                                |
| 0EA2 | ຢ | LAO LETTER YO<br>= yo ya                                                                                        |
| 0EA3 | ລ | LAO LETTER LO LING<br>× LAO LETTER RO<br>= ro rot<br>• name is a mistake, lo ling is the mnemonic for<br>0EA5 ລ |
| 0EA4 | ◻ | <reserved>                                                                                                      |

|      |   |                                                                                                                  |
|------|---|------------------------------------------------------------------------------------------------------------------|
| 0EA5 | ລ | LAO LETTER LO LOOT<br>× LAO LETTER LO<br>= lo ling<br>• name is a mistake, lo loot is the mnemonic for<br>0EA3 ລ |
| 0EA6 | ◻ | <reserved>                                                                                                       |
| 0EA7 | ວ | LAO LETTER WO<br>= wo wi                                                                                         |
| 0EA8 | ສ | LAO LETTER SANSKRIT SHA                                                                                          |
| 0EA9 | ຜ | LAO LETTER SANSKRIT SSA                                                                                          |
| 0EAA | ສ | LAO LETTER SO SUNG<br>= so sya                                                                                   |
| 0EAB | ຫ | LAO LETTER HO SUNG<br>= ho hay, ho han                                                                           |
| 0EAC | ຣ | LAO LETTER PALI LLA                                                                                              |
| 0EAD | ອ | LAO LETTER O<br>= o o                                                                                            |
| 0EAE | ຮ | LAO LETTER HO TAM<br>= ho hya, ho hyan                                                                           |

## Sign

|      |   |              |
|------|---|--------------|
| 0EAF | ໄ | LAO ELLIPSIS |
|------|---|--------------|

## Vowels

|      |   |                                             |
|------|---|---------------------------------------------|
| 0EB0 | ໄ | LAO VOWEL SIGN A                            |
| 0EB1 | ໄ | LAO VOWEL SIGN MAI KAN<br>• vowel shortener |
| 0EB2 | ໄ | LAO VOWEL SIGN AA                           |
| 0EB3 | ໄ | LAO VOWEL SIGN AM<br>≈ 0ECD ອ 0EB2 າ        |
| 0EB4 | ໄ | LAO VOWEL SIGN I                            |
| 0EB5 | ໄ | LAO VOWEL SIGN II                           |
| 0EB6 | ໄ | LAO VOWEL SIGN Y                            |
| 0EB7 | ໄ | LAO VOWEL SIGN YY                           |
| 0EB8 | ໄ | LAO VOWEL SIGN U                            |
| 0EB9 | ໄ | LAO VOWEL SIGN UU                           |

## Virama

|      |   |                      |
|------|---|----------------------|
| 0EBA | ◻ | LAO SIGN PALI VIRAMA |
|------|---|----------------------|

## Vowel

|      |   |                                      |
|------|---|--------------------------------------|
| 0EBB | ◻ | LAO VOWEL SIGN MAI KON<br>= mai kong |
|------|---|--------------------------------------|

## Signs

|      |   |                                       |
|------|---|---------------------------------------|
| 0EBC | ◻ | LAO SEMIVOWEL SIGN LO                 |
| 0EBD | ◻ | LAO SEMIVOWEL SIGN NYO<br>= nyo fyang |

## Vowels

These vowels precede a consonant in visual order.

|      |   |                                 |
|------|---|---------------------------------|
| 0EC0 | ◻ | LAO VOWEL SIGN E                |
| 0EC1 | ◻ | LAO VOWEL SIGN EI               |
| 0EC2 | ◻ | LAO VOWEL SIGN O                |
| 0EC3 | ◻ | LAO VOWEL SIGN AY<br>= mai muan |
| 0EC4 | ◻ | LAO VOWEL SIGN AI<br>= mai may  |

## Repetition mark

|      |   |                           |
|------|---|---------------------------|
| 0EC6 | ◻ | LAO KO LA<br>• repetition |
|------|---|---------------------------|

## Tone marks

|      |   |                  |
|------|---|------------------|
| 0EC8 | ◻ | LAO TONE MAI EK  |
| 0EC9 | ◻ | LAO TONE MAI THO |
| 0ECA | ◻ | LAO TONE MAI TI  |

0ECB  LAO TONE MAI CATAWA

## Signs

OECC  LAO CANCELLATION MARK

OECD  LAO NIGGAHITA

- final nasal or long o vowel

OECE  LAO YAMAKKAN

- marks a consonant that is simultaneously a part of two consonant clusters in Pali text
- 0E4E ◌̣◌ Thai character yamakkan

## Digits

0ED0    O    LAO DIGIT ZERO

0ED1 ⑥ LAO DIGIT ONE

0ED2 6 LAO DIGIT TWO

0ED3 ໓ LAO DIGIT THREE

0ED4 ໔ LAO DIGIT FOUR

0ED5 ເ ເ LAO DIGIT FIVE

0ED6 ປີ LAO DIGIT SIX

0ED7 ກ LAO DIGIT SEVEN

0ED8 ໘ LAO DIGIT EIGHT

0ED8 ຸ LAO DIGIT EIGHT  
0ED9 ູ LAO DIGIT NINE

## Digraphs

0EDC ຫຼ ລາວ ຫໍ ນໍ

≈ 0EAB ຫາ 0E99 ນ

0EDD ຫມ ລາວ ຫມ ມາ

 $\approx 0EAB$  ຫາ  $0EA1$  ມ

## Consonants for Khmu

0EDE ກ LAO LETTER KHMU GO

0EDF 𐄚 LAO LETTER KHMU NYO

|   | 140                                                                                      | 141                                                                                      | 142                                                                                      | 143                                                                                      | 144                                                                                      | 145                                                                                      | 146                                                                                      | 147                                                                                      | 148                                                                                      | 149                                                                                       | 14A                                                                                        | 14B                                                                                        | 14C                                                                                        | 14D                                                                                        |
|---|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0 |  1400   |  1410   |  1420   |  1430   |  1440   |  1450   |  1460   |  1470   |  1480   |  1490   |  14A0   |  14B0   |  14C0   |  14D0   |
| 1 |  1401   |  1411   |  1421   |  1431   |  1441   |  1451   |  1461   |  1471   |  1481   |  1491   |  14A1   |  14B1   |  14C1   |  14D1   |
| 2 |  1402   |  1412   |  1422   |  1432   |  1442   |  1452   |  1462   |  1472   |  1482   |  1492   |  14A2   |  14B2   |  14C2   |  14D2   |
| 3 |  1403   |  1413   |  1423   |  1433   |  1443   |  1453   |  1463   |  1473   |  1483   |  1493   |  14A3   |  14B3   |  14C3   |  14D3   |
| 4 |  1404   |  1414   |  1424   |  1434   |  1444   |  1454   |  1464   |  1474   |  1484   |  1494   |  14A4   |  14B4   |  14C4   |  14D4   |
| 5 |  1405   |  1415   |  1425   |  1435   |  1445   |  1455   |  1465   |  1475   |  1485   |  1495   |  14A5   |  14B5   |  14C5   |  14D5   |
| 6 |  1406 |  1416 |  1426 |  1436 |  1446 |  1456 |  1466 |  1476 |  1486 |  1496 |  14A6 |  14B6 |  14C6 |  14D6 |
| 7 |  1407 |  1417 |  1427 |  1437 |  1447 |  1457 |  1467 |  1477 |  1487 |  1497 |  14A7 |  14B7 |  14C7 |  14D7 |
| 8 |  1408 |  1418 |  1428 |  1438 |  1448 |  1458 |  1468 |  1478 |  1488 |  1498 |  14A8 |  14B8 |  14C8 |  14D8 |
| 9 |  1409 |  1419 |  1429 |  1439 |  1449 |  1459 |  1469 |  1479 |  1489 |  1499 |  14A9 |  14B9 |  14C9 |  14D9 |
| A |  140A |  141A |  142A |  143A |  144A |  145A |  146A |  147A |  148A |  149A |  14AA |  14BA |  14CA |  14DA |
| B |  140B |  141B |  142B |  143B |  144B |  145B |  146B |  147B |  148B |  149B |  14AB |  14BB |  14CB |  14DB |
| C |  140C |  141C |  142C |  143C |  144C |  145C |  146C |  147C |  148C |  149C |  14AC |  14BC |  14CC |  14DC |
| D |  140D |  141D |  142D |  143D |  144D |  145D |  146D |  147D |  148D |  149D |  14AD |  14BD |  14CD |  14DD |
| E |  140E |  141E |  142E |  143E |  144E |  145E |  146E |  147E |  148E |  149E |  14AE |  14BE |  14CE |  14DE |
| F |  140F |  141F |  142F |  143F |  144F |  145F |  146F |  147F |  148F |  149F |  14AF |  14BF |  14CF |  14DF |

|   | 14E | 14F | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 15A |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 1 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 2 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 3 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 4 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 5 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 6 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 7 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 8 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| 9 | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| A | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| B | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| C | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| D | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| E | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |
| F | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  | ᑭᑭ  |

|   | 15B       | 15C       | 15D       | 15E       | 15F       | 160       | 161       | 162       | 163       | 164       | 165       | 166       | 167       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | 𐐀<br>15B0 | 𐐁<br>15C0 | 𐐂<br>15D0 | 𐐃<br>15E0 | 𐐄<br>15F0 | 𐐅<br>1600 | 𐐆<br>1610 | 𐐇<br>1620 | 𐐈<br>1630 | 𐐉<br>1640 | 𐐊<br>1650 | 𐐋<br>1660 | 𐐌<br>1670 |
| 1 | 𐐍<br>15B1 | 𐐎<br>15C1 | 𐐏<br>15D1 | 𐐐<br>15E1 | 𐐑<br>15F1 | 𐐒<br>1601 | 𐐓<br>1611 | 𐐔<br>1621 | 𐐕<br>1631 | 𐐖<br>1641 | 𐐗<br>1651 | 𐐘<br>1661 | 𐐙<br>1671 |
| 2 | 𐐚<br>15B2 | 𐐛<br>15C2 | 𐐜<br>15D2 | 𐐝<br>15E2 | 𐐞<br>15F2 | 𐐟<br>1602 | 𐐠<br>1612 | 𐐡<br>1622 | 𐐢<br>1632 | 𐐣<br>1642 | 𐐤<br>1652 | 𐐥<br>1662 | 𐐦<br>1672 |
| 3 | 𐐧<br>15B3 | 𐐨<br>15C3 | 𐐩<br>15D3 | 𐐪<br>15E3 | 𐐫<br>15F3 | 𐐬<br>1603 | 𐐭<br>1613 | 𐐮<br>1623 | 𐐯<br>1633 | 𐐰<br>1643 | 𐐱<br>1653 | 𐐲<br>1663 | 𐐳<br>1673 |
| 4 | 𐐵<br>15B4 | 𐐶<br>15C4 | 𐐷<br>15D4 | 𐐸<br>15E4 | 𐐹<br>15F4 | 𐐺<br>1604 | 𐐻<br>1614 | 𐐼<br>1624 | 𐐽<br>1634 | 𐐾<br>1644 | 𐐿<br>1654 | 𐑀<br>1664 | 𐑁<br>1674 |
| 5 | 𐑃<br>15B5 | 𐑄<br>15C5 | 𐑅<br>15D5 | 𐑆<br>15E5 | 𐑇<br>15F5 | 𐑈<br>1605 | 𐑉<br>1615 | 𐑊<br>1625 | 𐑋<br>1635 | 𐑌<br>1645 | 𐑍<br>1655 | 𐑎<br>1665 | 𐑏<br>1675 |
| 6 | 𐑑<br>15B6 | 𐑒<br>15C6 | 𐑓<br>15D6 | 𐑔<br>15E6 | 𐑕<br>15F6 | 𐑖<br>1606 | 𐑗<br>1616 | 𐑘<br>1626 | 𐑙<br>1636 | 𐑚<br>1646 | 𐑛<br>1656 | 𐑜<br>1666 | 𐑝<br>1676 |
| 7 | 𐑟<br>15B7 | 𐑠<br>15C7 | 𐑡<br>15D7 | 𐑢<br>15E7 | 𐑣<br>15F7 | 𐑤<br>1607 | 𐑥<br>1617 | 𐑦<br>1627 | 𐑧<br>1637 | 𐑨<br>1647 | 𐑩<br>1657 | 𐑪<br>1667 | 𐑫<br>1677 |
| 8 | 𐑭<br>15B8 | 𐑮<br>15C8 | 𐑯<br>15D8 | 𐑰<br>15E8 | 𐑱<br>15F8 | 𐑲<br>1608 | 𐑳<br>1618 | 𐑴<br>1628 | 𐑵<br>1638 | 𐑶<br>1648 | 𐑷<br>1658 | 𐑸<br>1668 | 𐑹<br>1678 |
| 9 | 𐑻<br>15B9 | 𐑼<br>15C9 | 𐑽<br>15D9 | 𐑾<br>15E9 | 𐑿<br>15F9 | 𐒀<br>1609 | 𐒁<br>1619 | 𐒂<br>1629 | 𐒃<br>1639 | 𐒄<br>1649 | 𐒅<br>1659 | 𐒆<br>1669 | 𐒇<br>1679 |
| A | 𐒉<br>15BA | 𐒊<br>15CA | 𐒋<br>15DA | 𐒌<br>15EA | 𐒍<br>15FA | 𐒎<br>160A | 𐒏<br>161A | 𐒐<br>162A | 𐒑<br>163A | 𐒒<br>164A | 𐒓<br>165A | 𐒔<br>166A | 𐒕<br>167A |
| B | 𐒗<br>15BB | 𐒘<br>15CB | 𐒙<br>15DB | 𐒚<br>15EB | 𐒛<br>15FB | 𐒜<br>160B | 𐒝<br>161B | 𐒞<br>162B | 𐒟<br>163B | 𐒠<br>164B | 𐒡<br>165B | 𐒢<br>166B | 𐒣<br>167B |
| C | 𐒦<br>15BC | 𐒧<br>15CC | 𐒨<br>15DC | 𐒩<br>15EC | 𐒪<br>15FC | 𐒫<br>160C | 𐒬<br>161C | 𐒭<br>162C | 𐒮<br>163C | 𐒯<br>164C | 𐒰<br>165C | 𐒱<br>166C | 𐒲<br>167C |
| D | 𐒴<br>15BD | 𐒵<br>15CD | 𐒶<br>15DD | 𐒷<br>15ED | 𐒸<br>15FD | 𐒹<br>160D | 𐒺<br>161D | 𐒻<br>162D | 𐒼<br>163D | 𐒽<br>164D | 𐒾<br>165D | 𐒿<br>166D | 𐓀<br>167D |
| E | 𐓃<br>15BE | 𐓄<br>15CE | 𐓅<br>15DE | 𐓆<br>15EE | 𐓇<br>15FE | 𐓈<br>160E | 𐓉<br>161E | 𐓊<br>162E | 𐓋<br>163E | 𐓌<br>164E | 𐓍<br>165E | 𐓎<br>166E | 𐓏<br>167E |
| F | 𐓑<br>15BF | 𐓒<br>15CF | 𐓓<br>15DF | 𐓔<br>15EF | 𐓕<br>15FF | 𐓖<br>160F | 𐓗<br>161F | 𐓘<br>162F | 𐓙<br>163F | 𐓚<br>164F | 𐓛<br>165F | 𐓜<br>166F | 𐓝<br>167F |

**Punctuation**

1400 = CANADIAN SYLLABICS HYPHEN

**Syllables**

1401 ▽ CANADIAN SYLLABICS E

• Inuktitut (AI), Carrier (U)

1402 ◌ CANADIAN SYLLABICS AAI

• Inuktitut

1403 Δ CANADIAN SYLLABICS I

• Carrier (O)

1404 ◌ CANADIAN SYLLABICS II

1405 ▷ CANADIAN SYLLABICS O

• Inuktitut (U), Carrier (E)

1406 ▷ CANADIAN SYLLABICS OO

• Inuktitut (UU)

1407 ▷ CANADIAN SYLLABICS Y-CREE OO

1408 ▷ CANADIAN SYLLABICS CARRIER EE

1409 ▷ CANADIAN SYLLABICS CARRIER I

140A ◌ CANADIAN SYLLABICS A

140B ◌ CANADIAN SYLLABICS AA

140C ◌ CANADIAN SYLLABICS WE

140D ◌ CANADIAN SYLLABICS WEST-CREE WE

140E ◌ CANADIAN SYLLABICS WI

140F ◌ CANADIAN SYLLABICS WEST-CREE WI

1410 ◌ CANADIAN SYLLABICS WII

1411 ◌ CANADIAN SYLLABICS WEST-CREE WII

1412 ◌ CANADIAN SYLLABICS WO

1413 ◌ CANADIAN SYLLABICS WEST-CREE WO

1414 ◌ CANADIAN SYLLABICS WOO

1415 ◌ CANADIAN SYLLABICS WEST-CREE WOO

1416 ◌ CANADIAN SYLLABICS NASKAPI WOO

1417 ◌ CANADIAN SYLLABICS WA

1418 ◌ CANADIAN SYLLABICS WEST-CREE WA

1419 ◌ CANADIAN SYLLABICS WAA

141A ◌ CANADIAN SYLLABICS WEST-CREE WAA

141B ◌ CANADIAN SYLLABICS NASKAPI WAA

141C ◌ CANADIAN SYLLABICS AI

• East Cree

141D ◌ CANADIAN SYLLABICS Y-CREE W

141E ◌ CANADIAN SYLLABICS GLOTTAL STOP

• Moose Cree (Y), Algonquian (GLOTTAL STOP)

141F ◌ CANADIAN SYLLABICS FINAL ACUTE

• West Cree (T), East Cree (Y), Inuktitut (GLOTTAL STOP)

• Athapascan (B/P), Sayisi (I), Carrier (G)

1420 ◌ CANADIAN SYLLABICS FINAL GRAVE

• West Cree (K), Athapascan (K), Carrier (KH)

1421 ◌ CANADIAN SYLLABICS FINAL BOTTOM HALF RING

• N Cree (SH), Sayisi (R), Carrier (NG)

1422 ◌ CANADIAN SYLLABICS FINAL TOP HALF RING

• Algonquian (S), Chipewyan (R), Sayisi (S)

1423 ◌ CANADIAN SYLLABICS FINAL RIGHT HALF RING

• West Cree (N), Athapascan (D/T), Sayisi (N), Carrier (N)

1424 ◌ CANADIAN SYLLABICS FINAL RING

• West Cree (W), Sayisi (O)

1425 ◌ CANADIAN SYLLABICS FINAL DOUBLE ACUTE

• Chipewyan (TT), South Slavey (GH)

1426 ◌ CANADIAN SYLLABICS FINAL DOUBLE SHORT VERTICAL STROKES

• Algonquian (H), Carrier (R)

1427 ◌ CANADIAN SYLLABICS FINAL MIDDLE DOT

• Moose Cree (W), Athapascan (Y), Sayisi (YU), Blackfoot (S)

1428 ◌ CANADIAN SYLLABICS FINAL SHORT HORIZONTAL STROKE

• West Cree (C), Sayisi (D)

1429 + CANADIAN SYLLABICS FINAL PLUS

• Athapascan (N), Sayisi (AI)

142A ◌ CANADIAN SYLLABICS FINAL DOWN TACK

• N Cree (L), Carrier (D)

→ 22A4 T down tack

142B ◌ CANADIAN SYLLABICS EN

142C ◌ CANADIAN SYLLABICS IN

142D ◌ CANADIAN SYLLABICS ON

142E ◌ CANADIAN SYLLABICS AN

142F ◌ CANADIAN SYLLABICS PE

• Inuktitut (PAI), Athapascan (BE), Carrier (HU)

1430 ◌ CANADIAN SYLLABICS PAI

• Inuktitut

1431 ◌ CANADIAN SYLLABICS PII

1432 ◌ CANADIAN SYLLABICS PII

1433 &gt; CANADIAN SYLLABICS PO

• Inuktitut (PU), Athapascan (BO), Carrier (HE)

1434 &gt; CANADIAN SYLLABICS POO

• Inuktitut (PUU)

1435 &gt; CANADIAN SYLLABICS Y-CREE POO

1436 &gt; CANADIAN SYLLABICS CARRIER HEE

1437 &gt; CANADIAN SYLLABICS CARRIER HI

1438 &lt; CANADIAN SYLLABICS PA

• Athapascan (BA), Carrier (HA)

1439 &lt; CANADIAN SYLLABICS PAA

143A ◌ CANADIAN SYLLABICS PWE

143B ◌ CANADIAN SYLLABICS WEST-CREE PWE

143C ◌ CANADIAN SYLLABICS PWI

143D ◌ CANADIAN SYLLABICS WEST-CREE PWI

143E ◌ CANADIAN SYLLABICS PWII

143F ◌ CANADIAN SYLLABICS WEST-CREE PWII

1440 &gt; CANADIAN SYLLABICS PWO

1441 &gt; CANADIAN SYLLABICS WEST-CREE PWO

1442 &gt; CANADIAN SYLLABICS PWOO

1443 &gt; CANADIAN SYLLABICS WEST-CREE PWOO

1444 &lt; CANADIAN SYLLABICS PWA

1445 &lt; CANADIAN SYLLABICS WEST-CREE PWA

1446 &lt; CANADIAN SYLLABICS PWAA

1447 &lt; CANADIAN SYLLABICS WEST-CREE PWAA

1448 &lt; CANADIAN SYLLABICS Y-CREE PWAA

1449 &lt; CANADIAN SYLLABICS P

• Blackfoot (Y)

144A ◌ CANADIAN SYLLABICS WEST-CREE P

• Sayisi (G)

144B ◌ CANADIAN SYLLABICS CARRIER H

144C ◌ CANADIAN SYLLABICS TE

• Inuktitut (TAI), Athapascan (DI), Carrier (DU)

144D ◌ CANADIAN SYLLABICS TAAI

• Inuktitut

144E ◌ CANADIAN SYLLABICS TI

• Athapascan (DE), Carrier (DO)

144F ◌ CANADIAN SYLLABICS TII

1450 ◌ CANADIAN SYLLABICS TO

• Inuktitut (TU), Athapascan (DO), Carrier (DE), Sayisi (DU)

|      |   |                                               |      |   |                                                                   |
|------|---|-----------------------------------------------|------|---|-------------------------------------------------------------------|
| 1451 | ᑕ | CANADIAN SYLLABICS TOO                        | 1483 | ᑭ | CANADIAN SYLLABICS K                                              |
|      |   | • Inuktitut (TUU)                             | 1484 | ᑬ | CANADIAN SYLLABICS KW                                             |
| 1452 | ᑭ | CANADIAN SYLLABICS Y-CREE TOO                 |      |   | • East Cree                                                       |
| 1453 | ᑭ | CANADIAN SYLLABICS CARRIER DEE                | 1485 | ᑭ | CANADIAN SYLLABICS SOUTH-SLAVEY KEH                               |
| 1454 | ᑭ | CANADIAN SYLLABICS CARRIER DI                 | 1486 | ᑭ | CANADIAN SYLLABICS SOUTH-SLAVEY KIH                               |
| 1455 | ᑭ | CANADIAN SYLLABICS TA                         | 1487 | ᑭ | CANADIAN SYLLABICS SOUTH-SLAVEY KOH                               |
|      |   | • Athapascan (DA)                             | 1488 | ᑭ | CANADIAN SYLLABICS SOUTH-SLAVEY KAH                               |
| 1456 | ᑭ | CANADIAN SYLLABICS TAA                        | 1489 | ᑭ | CANADIAN SYLLABICS CE                                             |
| 1457 | ᑭ | CANADIAN SYLLABICS TWE                        |      |   | • Inuktitut (GAI), Athapascan (DHE), Sayisi (THE), Blackfoot (MA) |
| 1458 | ᑭ | CANADIAN SYLLABICS WEST-CREE TWE              | 148A | ᑭ | CANADIAN SYLLABICS CAAI                                           |
| 1459 | ᑭ | CANADIAN SYLLABICS TWI                        |      |   | • Inuktitut (GAAI)                                                |
| 145A | ᑭ | CANADIAN SYLLABICS WEST-CREE TWI              | 148B | ᑭ | CANADIAN SYLLABICS CI                                             |
| 145B | ᑭ | CANADIAN SYLLABICS TWII                       |      |   | • Inuktitut (GI), Athapascan (DHI), Sayisi (THI), Blackfoot (ME)  |
| 145C | ᑭ | CANADIAN SYLLABICS WEST-CREE TWII             | 148C | ᑭ | CANADIAN SYLLABICS CII                                            |
| 145D | ᑭ | CANADIAN SYLLABICS TWO                        |      |   | • Inuktitut (GII)                                                 |
| 145E | ᑭ | CANADIAN SYLLABICS WEST-CREE TWO              | 148D | ᑭ | CANADIAN SYLLABICS CO                                             |
| 145F | ᑭ | CANADIAN SYLLABICS TWOO                       |      |   | • Inuktitut (GU), Athapascan (DHO), Sayisi (THO), Blackfoot (MI)  |
| 1460 | ᑭ | CANADIAN SYLLABICS WEST-CREE TWOO             | 148E | ᑭ | CANADIAN SYLLABICS COO                                            |
| 1461 | ᑭ | CANADIAN SYLLABICS TWA                        |      |   | • Inuktitut (GUU)                                                 |
| 1462 | ᑭ | CANADIAN SYLLABICS WEST-CREE TWA              | 148F | ᑭ | CANADIAN SYLLABICS Y-CREE COO                                     |
| 1463 | ᑭ | CANADIAN SYLLABICS TWAA                       | 1490 | ᑭ | CANADIAN SYLLABICS CA                                             |
| 1464 | ᑭ | CANADIAN SYLLABICS WEST-CREE TWAA             |      |   | • Inuktitut (GA), Athapascan (DHA), Sayisi (THA), Blackfoot (MO)  |
| 1465 | ᑭ | CANADIAN SYLLABICS NASKAPI TWAA               | 1491 | ᑭ | CANADIAN SYLLABICS CAA                                            |
| 1466 | ᑭ | CANADIAN SYLLABICS T                          |      |   | • Inuktitut (GAA)                                                 |
| 1467 | ᑭ | CANADIAN SYLLABICS TTE                        | 1492 | ᑭ | CANADIAN SYLLABICS CWE                                            |
|      |   | • South Slavey (DEH)                          | 1493 | ᑭ | CANADIAN SYLLABICS WEST-CREE CWE                                  |
| 1468 | ᑭ | CANADIAN SYLLABICS TTI                        | 1494 | ᑭ | CANADIAN SYLLABICS CWI                                            |
|      |   | • South Slavey (DIH)                          | 1495 | ᑭ | CANADIAN SYLLABICS WEST-CREE CWI                                  |
| 1469 | ᑭ | CANADIAN SYLLABICS TTO                        | 1496 | ᑭ | CANADIAN SYLLABICS CWII                                           |
|      |   | • South Slavey (DOH)                          | 1497 | ᑭ | CANADIAN SYLLABICS WEST-CREE CWII                                 |
| 146A | ᑭ | CANADIAN SYLLABICS TTA                        | 1498 | ᑭ | CANADIAN SYLLABICS CWO                                            |
|      |   | • South Slavey (DAH)                          | 1499 | ᑭ | CANADIAN SYLLABICS WEST-CREE CWO                                  |
| 146B | ᑭ | CANADIAN SYLLABICS KE                         | 149A | ᑭ | CANADIAN SYLLABICS CWOO                                           |
|      |   | • Inuktitut (KAI), Blackfoot (PA)             | 149B | ᑭ | CANADIAN SYLLABICS WEST-CREE CWOO                                 |
| 146C | ᑭ | CANADIAN SYLLABICS KAAI                       | 149C | ᑭ | CANADIAN SYLLABICS CWA                                            |
|      |   | • Inuktitut                                   | 149D | ᑭ | CANADIAN SYLLABICS WEST-CREE CWA                                  |
| 146D | ᑭ | CANADIAN SYLLABICS KI                         | 149E | ᑭ | CANADIAN SYLLABICS CWAA                                           |
|      |   | • Blackfoot (PE)                              | 149F | ᑭ | CANADIAN SYLLABICS WEST-CREE CWAA                                 |
| 146E | ᑭ | CANADIAN SYLLABICS KII                        | 14A0 | ᑭ | CANADIAN SYLLABICS NASKAPI CWAA                                   |
| 146F | ᑭ | CANADIAN SYLLABICS KO                         | 14A1 | ᑭ | CANADIAN SYLLABICS C                                              |
|      |   | • Inuktitut (KU), Sayisi (KU), Blackfoot (PI) |      |   | • Inuktitut (G), Sayisi (T)                                       |
| 1470 | ᑭ | CANADIAN SYLLABICS KOO                        | 14A2 | ᑭ | CANADIAN SYLLABICS SAYISI TH                                      |
|      |   | • Inuktitut (KUU)                             |      |   | • Athapascan (DH)                                                 |
| 1471 | ᑭ | CANADIAN SYLLABICS Y-CREE KOO                 | 14A3 | ᑭ | CANADIAN SYLLABICS ME                                             |
| 1472 | ᑭ | CANADIAN SYLLABICS KA                         |      |   | • Inuktitut (MAI), Blackfoot (TA)                                 |
|      |   | • Blackfoot (PO)                              | 14A4 | ᑭ | CANADIAN SYLLABICS MAAI                                           |
| 1473 | ᑭ | CANADIAN SYLLABICS KAA                        |      |   | • Inuktitut                                                       |
| 1474 | ᑭ | CANADIAN SYLLABICS KWE                        | 14A5 | ᑭ | CANADIAN SYLLABICS MI                                             |
| 1475 | ᑭ | CANADIAN SYLLABICS WEST-CREE KWE              |      |   | • Blackfoot (TE)                                                  |
| 1476 | ᑭ | CANADIAN SYLLABICS KWI                        | 14A6 | ᑭ | CANADIAN SYLLABICS MII                                            |
| 1477 | ᑭ | CANADIAN SYLLABICS WEST-CREE KWI              | 14A7 | ᑭ | CANADIAN SYLLABICS MO                                             |
| 1478 | ᑭ | CANADIAN SYLLABICS KWII                       |      |   | • Inuktitut (MU), Sayisi (MU), Blackfoot (TI)                     |
| 1479 | ᑭ | CANADIAN SYLLABICS WEST-CREE KWII             | 14A8 | ᑭ | CANADIAN SYLLABICS MOO                                            |
| 147A | ᑭ | CANADIAN SYLLABICS KWO                        |      |   | • Inuktitut (MUU)                                                 |
| 147B | ᑭ | CANADIAN SYLLABICS WEST-CREE KWO              | 14A9 | ᑭ | CANADIAN SYLLABICS Y-CREE MOO                                     |
| 147C | ᑭ | CANADIAN SYLLABICS KWOO                       | 14AA | ᑭ | CANADIAN SYLLABICS MA                                             |
| 147D | ᑭ | CANADIAN SYLLABICS WEST-CREE KWOO             |      |   | • Blackfoot (TO)                                                  |
| 147E | ᑭ | CANADIAN SYLLABICS KWA                        | 14AB | ᑭ | CANADIAN SYLLABICS MAA                                            |
| 147F | ᑭ | CANADIAN SYLLABICS WEST-CREE KWA              | 14AC | ᑭ | CANADIAN SYLLABICS MWE                                            |
| 1480 | ᑭ | CANADIAN SYLLABICS KWAA                       |      |   |                                                                   |
| 1481 | ᑭ | CANADIAN SYLLABICS WEST-CREE KWAA             |      |   |                                                                   |
| 1482 | ᑭ | CANADIAN SYLLABICS NASKAPI KWAA               |      |   |                                                                   |



## 14AD

## Unified Canadian Aboriginal Syllabics

1519

|      |   |                                   |      |   |                                               |
|------|---|-----------------------------------|------|---|-----------------------------------------------|
| 14AD | ᑭ | CANADIAN SYLLABICS WEST-CREE MWE  | 14E2 | ᑭ | CANADIAN SYLLABICS LWO                        |
| 14AE | ᑭ | CANADIAN SYLLABICS MWI            | 14E3 | ᑭ | CANADIAN SYLLABICS WEST-CREE LWO              |
| 14AF | ᑭ | CANADIAN SYLLABICS WEST-CREE MWI  | 14E4 | ᑭ | CANADIAN SYLLABICS LWO                        |
| 14B0 | ᑭ | CANADIAN SYLLABICS MWII           | 14E5 | ᑭ | CANADIAN SYLLABICS WEST-CREE LWO              |
| 14B1 | ᑭ | CANADIAN SYLLABICS WEST-CREE MWII | 14E6 | ᑭ | CANADIAN SYLLABICS LWA                        |
| 14B2 | ᑭ | CANADIAN SYLLABICS MWO            | 14E7 | ᑭ | CANADIAN SYLLABICS WEST-CREE LWA              |
| 14B3 | ᑭ | CANADIAN SYLLABICS WEST-CREE MWO  | 14E8 | ᑭ | CANADIAN SYLLABICS LWAA                       |
| 14B4 | ᑭ | CANADIAN SYLLABICS MWO            | 14E9 | ᑭ | CANADIAN SYLLABICS WEST-CREE LWAA             |
| 14B5 | ᑭ | CANADIAN SYLLABICS WEST-CREE MWO  | 14EA | ᑭ | CANADIAN SYLLABICS L                          |
| 14B6 | ᑭ | CANADIAN SYLLABICS MWA            | 14EB | ᑭ | CANADIAN SYLLABICS WEST-CREE L                |
| 14B7 | ᑭ | CANADIAN SYLLABICS WEST-CREE MWA  | 14EC | ᑭ | CANADIAN SYLLABICS MEDIAL L                   |
| 14B8 | ᑭ | CANADIAN SYLLABICS MWAA           | 14ED | ᑭ | CANADIAN SYLLABICS SE                         |
| 14B9 | ᑭ | CANADIAN SYLLABICS WEST-CREE MWAA |      |   | • Inuktitut (SAI), Blackfoot (SA)             |
| 14BA | ᑭ | CANADIAN SYLLABICS NASKAPI MWAA   | 14EE | ᑭ | CANADIAN SYLLABICS SAAI                       |
| 14BB | ᑭ | CANADIAN SYLLABICS M              |      |   | • Inuktitut                                   |
| 14BC | ᑭ | CANADIAN SYLLABICS WEST-CREE M    | 14EF | ᑭ | CANADIAN SYLLABICS SI                         |
|      |   | • Carrier (M)                     |      |   | • Blackfoot (SE)                              |
| 14BD | ᑭ | CANADIAN SYLLABICS MH             | 14F0 | ᑭ | CANADIAN SYLLABICS SII                        |
| 14BE | ᑭ | CANADIAN SYLLABICS ATHAPASCAN M   | 14F1 | ᑭ | CANADIAN SYLLABICS SO                         |
| 14BF | ᑭ | CANADIAN SYLLABICS SAYISI M       |      |   | • Inuktitut (SU), Sayisi (SU), Blackfoot (SI) |
| 14C0 | ᑭ | CANADIAN SYLLABICS NE             | 14F2 | ᑭ | CANADIAN SYLLABICS SOO                        |
|      |   | • Inuktitut (NAI)                 |      |   | • Inuktitut (SUU)                             |
| 14C1 | ᑭ | CANADIAN SYLLABICS NAAI           | 14F3 | ᑭ | CANADIAN SYLLABICS Y-CREE SOO                 |
|      |   | • Inuktitut                       | 14F4 | ᑭ | CANADIAN SYLLABICS SA                         |
| 14C2 | ᑭ | CANADIAN SYLLABICS NI             |      |   | • Blackfoot (SO)                              |
| 14C3 | ᑭ | CANADIAN SYLLABICS NII            | 14F5 | ᑭ | CANADIAN SYLLABICS SAA                        |
| 14C4 | ᑭ | CANADIAN SYLLABICS NO             | 14F6 | ᑭ | CANADIAN SYLLABICS SWE                        |
|      |   | • Inuktitut (NU), Sayisi (NU)     | 14F7 | ᑭ | CANADIAN SYLLABICS WEST-CREE SWE              |
| 14C5 | ᑭ | CANADIAN SYLLABICS NOO            | 14F8 | ᑭ | CANADIAN SYLLABICS SWI                        |
|      |   | • Inuktitut (NUU)                 | 14F9 | ᑭ | CANADIAN SYLLABICS WEST-CREE SWI              |
| 14C6 | ᑭ | CANADIAN SYLLABICS Y-CREE NOO     | 14FA | ᑭ | CANADIAN SYLLABICS SWII                       |
| 14C7 | ᑭ | CANADIAN SYLLABICS NA             | 14FB | ᑭ | CANADIAN SYLLABICS WEST-CREE SWII             |
| 14C8 | ᑭ | CANADIAN SYLLABICS NAA            | 14FC | ᑭ | CANADIAN SYLLABICS SWO                        |
| 14C9 | ᑭ | CANADIAN SYLLABICS NWE            | 14FD | ᑭ | CANADIAN SYLLABICS WEST-CREE SWO              |
| 14CA | ᑭ | CANADIAN SYLLABICS WEST-CREE NWE  | 14FE | ᑭ | CANADIAN SYLLABICS SWOO                       |
| 14CB | ᑭ | CANADIAN SYLLABICS NWA            | 14FF | ᑭ | CANADIAN SYLLABICS WEST-CREE SWOO             |
| 14CC | ᑭ | CANADIAN SYLLABICS WEST-CREE NWA  | 1500 | ᑭ | CANADIAN SYLLABICS SWA                        |
| 14CD | ᑭ | CANADIAN SYLLABICS NWAA           | 1501 | ᑭ | CANADIAN SYLLABICS WEST-CREE SWA              |
| 14CE | ᑭ | CANADIAN SYLLABICS WEST-CREE NWAA | 1502 | ᑭ | CANADIAN SYLLABICS SWAA                       |
| 14CF | ᑭ | CANADIAN SYLLABICS NASKAPI NWAA   | 1503 | ᑭ | CANADIAN SYLLABICS WEST-CREE SWAA             |
| 14D0 | ᑭ | CANADIAN SYLLABICS N              | 1504 | ᑭ | CANADIAN SYLLABICS NASKAPI SWAA               |
| 14D1 | ᑭ | CANADIAN SYLLABICS CARRIER NG     | 1505 | ᑭ | CANADIAN SYLLABICS S                          |
| 14D2 | ᑭ | CANADIAN SYLLABICS NH             | 1506 | ᑭ | CANADIAN SYLLABICS ATHAPASCAN S               |
| 14D3 | ᑭ | CANADIAN SYLLABICS LE             |      |   |                                               |
|      |   | • Inuktitut (LAI)                 | 1507 | ᑭ | CANADIAN SYLLABICS SW                         |
| 14D4 | ᑭ | CANADIAN SYLLABICS LAAI           | 1508 | ᑭ | CANADIAN SYLLABICS BLACKFOOT S                |
|      |   | • Inuktitut                       | 1509 | ᑭ | CANADIAN SYLLABICS MOOSE-CREE SK              |
| 14D5 | ᑭ | CANADIAN SYLLABICS LI             | 150A | ᑭ | CANADIAN SYLLABICS NASKAPI SKW                |
| 14D6 | ᑭ | CANADIAN SYLLABICS LII            | 150B | ᑭ | CANADIAN SYLLABICS NASKAPI S-W                |
| 14D7 | ᑭ | CANADIAN SYLLABICS LO             | 150C | ᑭ | CANADIAN SYLLABICS NASKAPI SPWA               |
|      |   | • Inuktitut (LU)                  | 150D | ᑭ | CANADIAN SYLLABICS NASKAPI STWA               |
| 14D8 | ᑭ | CANADIAN SYLLABICS LOO            | 150E | ᑭ | CANADIAN SYLLABICS NASKAPI SKWA               |
|      |   | • Inuktitut (LUU)                 | 150F | ᑭ | CANADIAN SYLLABICS NASKAPI SCWA               |
| 14D9 | ᑭ | CANADIAN SYLLABICS Y-CREE LOO     | 1510 | ᑭ | CANADIAN SYLLABICS SHE                        |
| 14DA | ᑭ | CANADIAN SYLLABICS LA             | 1511 | ᑭ | CANADIAN SYLLABICS SHI                        |
| 14DB | ᑭ | CANADIAN SYLLABICS LAA            | 1512 | ᑭ | CANADIAN SYLLABICS SHII                       |
| 14DC | ᑭ | CANADIAN SYLLABICS LWE            | 1513 | ᑭ | CANADIAN SYLLABICS SHO                        |
| 14DD | ᑭ | CANADIAN SYLLABICS WEST-CREE LWE  | 1514 | ᑭ | CANADIAN SYLLABICS SHOO                       |
| 14DE | ᑭ | CANADIAN SYLLABICS LWI            | 1515 | ᑭ | CANADIAN SYLLABICS SHA                        |
| 14DF | ᑭ | CANADIAN SYLLABICS WEST-CREE LWI  | 1516 | ᑭ | CANADIAN SYLLABICS SHAA                       |
| 14E0 | ᑭ | CANADIAN SYLLABICS LWII           | 1517 | ᑭ | CANADIAN SYLLABICS SHWE                       |
| 14E1 | ᑭ | CANADIAN SYLLABICS WEST-CREE LWII | 1518 | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWE             |
|      |   |                                   | 1519 | ᑭ | CANADIAN SYLLABICS SHWI                       |

|      |   |                                    |      |    |                                                                                                     |
|------|---|------------------------------------|------|----|-----------------------------------------------------------------------------------------------------|
| 151A | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWI  | 154B | ᑭ  | CANADIAN SYLLABICS RA                                                                               |
| 151B | ᑭ | CANADIAN SYLLABICS SHWII           | 154C | ᑭ  | CANADIAN SYLLABICS RAA                                                                              |
| 151C | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWII | 154D | ᑭ  | CANADIAN SYLLABICS WEST-CREE LA                                                                     |
| 151D | ᑭ | CANADIAN SYLLABICS SHWO            | 154E | ᑭ  | CANADIAN SYLLABICS RWAA                                                                             |
| 151E | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWO  | 154F | ᑭ  | CANADIAN SYLLABICS WEST-CREE RWAA                                                                   |
| 151F | ᑭ | CANADIAN SYLLABICS SHWOO           | 1550 | ᑭ  | CANADIAN SYLLABICS R                                                                                |
| 1520 | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWOO | 1551 | ᑭ  | CANADIAN SYLLABICS WEST-CREE R                                                                      |
| 1521 | ᑭ | CANADIAN SYLLABICS SHWA            | 1552 | ᑭ  | CANADIAN SYLLABICS MEDIAL R                                                                         |
| 1522 | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWA  | 1553 | ᑭ  | CANADIAN SYLLABICS FE                                                                               |
| 1523 | ᑭ | CANADIAN SYLLABICS SHWAA           |      |    | • Inuktitut (FAI)                                                                                   |
| 1524 | ᑭ | CANADIAN SYLLABICS WEST-CREE SHWAA | 1554 | ᑭ  | CANADIAN SYLLABICS FAAI                                                                             |
| 1525 | ᑭ | CANADIAN SYLLABICS SH              |      |    | • Inuktitut                                                                                         |
| 1526 | ᑭ | CANADIAN SYLLABICS YE              | 1555 | ᑭ  | CANADIAN SYLLABICS FI                                                                               |
|      |   | • Inuktitut (YAI), Blackfoot (YA)  | 1556 | ᑭ  | CANADIAN SYLLABICS FII                                                                              |
| 1527 | ᑭ | CANADIAN SYLLABICS YAAI            | 1557 | ᑭ  | CANADIAN SYLLABICS FO                                                                               |
|      |   | • Inuktitut                        | 1558 | ᑭ  | CANADIAN SYLLABICS FOO                                                                              |
| 1528 | ᑭ | CANADIAN SYLLABICS YI              | 1559 | ᑭ  | CANADIAN SYLLABICS FA                                                                               |
|      |   | • Blackfoot (YE)                   | 155A | ᑭ  | CANADIAN SYLLABICS FAA                                                                              |
| 1529 | ᑭ | CANADIAN SYLLABICS YII             | 155B | ᑭ  | CANADIAN SYLLABICS FWAA                                                                             |
| 152A | ᑭ | CANADIAN SYLLABICS YO              | 155C | ᑭ  | CANADIAN SYLLABICS WEST-CREE FWAA                                                                   |
|      |   | • Inuktitut (YU), Blackfoot (YI)   | 155D | ᑭ  | CANADIAN SYLLABICS F                                                                                |
| 152B | ᑭ | CANADIAN SYLLABICS YOO             | 155E | ᑭ  | CANADIAN SYLLABICS THE                                                                              |
|      |   | • Inuktitut (YUU)                  |      |    | • Sayisi (TE)                                                                                       |
| 152C | ᑭ | CANADIAN SYLLABICS Y-CREE YOO      | 155F | ᑭ  | CANADIAN SYLLABICS N-CREE THE                                                                       |
| 152D | ᑭ | CANADIAN SYLLABICS YA              | 1560 | ᑭ  | CANADIAN SYLLABICS THI                                                                              |
|      |   | • Blackfoot (YO)                   |      |    | • Sayisi (TI)                                                                                       |
| 152E | ᑭ | CANADIAN SYLLABICS YAA             | 1561 | ᑭ  | CANADIAN SYLLABICS N-CREE THI                                                                       |
| 152F | ᑭ | CANADIAN SYLLABICS YWE             | 1562 | ᑭ  | CANADIAN SYLLABICS THII                                                                             |
| 1530 | ᑭ | CANADIAN SYLLABICS WEST-CREE YWE   | 1563 | ᑭ  | CANADIAN SYLLABICS N-CREE THII                                                                      |
| 1531 | ᑭ | CANADIAN SYLLABICS YWI             | 1564 | ᑭ  | CANADIAN SYLLABICS THO                                                                              |
| 1532 | ᑭ | CANADIAN SYLLABICS WEST-CREE YWI   |      |    | • Sayisi (TU)                                                                                       |
| 1533 | ᑭ | CANADIAN SYLLABICS YWII            | 1565 | ᑭ  | CANADIAN SYLLABICS THOO                                                                             |
| 1534 | ᑭ | CANADIAN SYLLABICS WEST-CREE YWII  | 1566 | ᑭ  | CANADIAN SYLLABICS THA                                                                              |
| 1535 | ᑭ | CANADIAN SYLLABICS YWO             |      |    | • Sayisi (TA)                                                                                       |
| 1536 | ᑭ | CANADIAN SYLLABICS WEST-CREE YWO   | 1567 | ᑭ  | CANADIAN SYLLABICS THAA                                                                             |
| 1537 | ᑭ | CANADIAN SYLLABICS YWOO            | 1568 | ᑭ  | CANADIAN SYLLABICS THWAA                                                                            |
| 1538 | ᑭ | CANADIAN SYLLABICS WEST-CREE YWOO  | 1569 | ᑭ  | CANADIAN SYLLABICS WEST-CREE THWAA                                                                  |
| 1539 | ᑭ | CANADIAN SYLLABICS YWA             | 156A | ᑭ  | CANADIAN SYLLABICS TH                                                                               |
| 153A | ᑭ | CANADIAN SYLLABICS WEST-CREE YWA   | 156B | ᑭ  | CANADIAN SYLLABICS TTHE                                                                             |
| 153B | ᑭ | CANADIAN SYLLABICS YWAA            | 156C | ᑭ  | CANADIAN SYLLABICS TTHI                                                                             |
| 153C | ᑭ | CANADIAN SYLLABICS WEST-CREE YWAA  | 156D | ᑭ  | CANADIAN SYLLABICS TTHO                                                                             |
| 153D | ᑭ | CANADIAN SYLLABICS NASKAPI YWAA    |      |    | • Sayisi (TTHU)                                                                                     |
| 153E | ᑭ | CANADIAN SYLLABICS Y               | 156E | ᑭ  | CANADIAN SYLLABICS TTHA                                                                             |
| 153F | ᑭ | CANADIAN SYLLABICS BIBLE-CREE Y    | 156F | ** | CANADIAN SYLLABICS TTH                                                                              |
| 1540 | ᑭ | CANADIAN SYLLABICS WEST-CREE Y     |      |    | • probably a mistaken interpretation of an asterisk used to mark a proper noun<br>→ 002A * asterisk |
| 1541 | ᑭ | CANADIAN SYLLABICS SAYISI YI       | 1570 | ᑭ  | CANADIAN SYLLABICS TYE                                                                              |
| 1542 | ᑭ | CANADIAN SYLLABICS RE              | 1571 | ᑭ  | CANADIAN SYLLABICS TYI                                                                              |
|      |   | • Inuktitut (RAI)                  | 1572 | ᑭ  | CANADIAN SYLLABICS TYO                                                                              |
| 1543 | ᑭ | CANADIAN SYLLABICS R-CREE RE       | 1573 | ᑭ  | CANADIAN SYLLABICS TYA                                                                              |
|      |   | • Athapascan (LE)                  | 1574 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HE                                                                       |
| 1544 | ᑭ | CANADIAN SYLLABICS WEST-CREE LE    | 1575 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HI                                                                       |
|      |   | • Athapascan (LI)                  | 1576 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HII                                                                      |
| 1545 | ᑭ | CANADIAN SYLLABICS RAAI            | 1577 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HO                                                                       |
|      |   | • Inuktitut                        | 1578 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HOO                                                                      |
| 1546 | ᑭ | CANADIAN SYLLABICS RI              | 1579 | ᑭ  | CANADIAN SYLLABICS NUNAVIK HA                                                                       |
| 1547 | ᑭ | CANADIAN SYLLABICS RII             | 157A | ᑭ  | CANADIAN SYLLABICS NUNAVIK HAA                                                                      |
| 1548 | ᑭ | CANADIAN SYLLABICS RO              | 157B | ᑭ  | CANADIAN SYLLABICS NUNAVIK H                                                                        |
|      |   | • Inuktitut (RU)                   | 157C | ᑭ  | CANADIAN SYLLABICS NUNAVUT H                                                                        |
| 1549 | ᑭ | CANADIAN SYLLABICS ROO             | 157D | ᑭ  | CANADIAN SYLLABICS HK                                                                               |
|      |   | • Inuktitut (RUU)                  |      |    | • Algonquian                                                                                        |
| 154A | ᑭ | CANADIAN SYLLABICS WEST-CREE LO    |      |    |                                                                                                     |
|      |   | • Sayisi (LU)                      |      |    |                                                                                                     |

## 157E

## Unified Canadian Aboriginal Syllabics

## 15E9

|      |    |                                                 |
|------|----|-------------------------------------------------|
| 157E | ᑭᐅ | CANADIAN SYLLABICS QAAI<br>• Inuktitut          |
| 157F | ᑭᐁ | CANADIAN SYLLABICS QI                           |
| 1580 | ᑭᐃ | CANADIAN SYLLABICS QII                          |
| 1581 | ᑭᐅ | CANADIAN SYLLABICS QO<br>• Inuktitut (QU)       |
| 1582 | ᑭᐇ | CANADIAN SYLLABICS QOO<br>• Inuktitut (QUU)     |
| 1583 | ᑭᐁ | CANADIAN SYLLABICS QA                           |
| 1584 | ᑭᐃ | CANADIAN SYLLABICS QAA                          |
| 1585 | ᑭᐅ | CANADIAN SYLLABICS Q                            |
| 1586 | ᑭᐇ | CANADIAN SYLLABICS TLHE<br>• Sayisi (KLE)       |
| 1587 | ᑭᐁ | CANADIAN SYLLABICS TLHI<br>• Sayisi (KLI)       |
| 1588 | ᑭᐃ | CANADIAN SYLLABICS TLHO<br>• Sayisi (KLU)       |
| 1589 | ᑭᐅ | CANADIAN SYLLABICS TLHA<br>• Sayisi (KLA)       |
| 158A | ᑭᐇ | CANADIAN SYLLABICS WEST-CREE RE                 |
| 158B | ᑭᐁ | CANADIAN SYLLABICS WEST-CREE RI                 |
| 158C | ᑭᐃ | CANADIAN SYLLABICS WEST-CREE RO                 |
| 158D | ᑭᐅ | CANADIAN SYLLABICS WEST-CREE RA                 |
| 158E | ᑭᐇ | CANADIAN SYLLABICS NGAII<br>• Inuktitut         |
| 158F | ᑭᐁ | CANADIAN SYLLABICS NGI                          |
| 1590 | ᑭᐃ | CANADIAN SYLLABICS NGII                         |
| 1591 | ᑭᐅ | CANADIAN SYLLABICS NGO<br>• Inuktitut (NGU)     |
| 1592 | ᑭᐇ | CANADIAN SYLLABICS NGOO<br>• Inuktitut (NGUU)   |
| 1593 | ᑭᐁ | CANADIAN SYLLABICS NGA                          |
| 1594 | ᑭᐃ | CANADIAN SYLLABICS NGAA                         |
| 1595 | ᑭᐅ | CANADIAN SYLLABICS NG                           |
| 1596 | ᑭᐇ | CANADIAN SYLLABICS NNG                          |
| 1597 | ᑭᐁ | CANADIAN SYLLABICS SAYISI SHE                   |
| 1598 | ᑭᐃ | CANADIAN SYLLABICS SAYISI SHI                   |
| 1599 | ᑭᐅ | CANADIAN SYLLABICS SAYISI SHO<br>• Sayisi (SHU) |
| 159A | ᑭᐇ | CANADIAN SYLLABICS SAYISI SHA                   |
| 159B | ᑭᐁ | CANADIAN SYLLABICS WOODS-CREE THE               |
| 159C | ᑭᐃ | CANADIAN SYLLABICS WOODS-CREE THI               |
| 159D | ᑭᐅ | CANADIAN SYLLABICS WOODS-CREE THO               |
| 159E | ᑭᐇ | CANADIAN SYLLABICS WOODS-CREE THA               |
| 159F | ᑭᐁ | CANADIAN SYLLABICS WOODS-CREE TH                |
| 15A0 | ᑭᐃ | CANADIAN SYLLABICS LHI                          |
| 15A1 | ᑭᐅ | CANADIAN SYLLABICS LHII                         |
| 15A2 | ᑭᐇ | CANADIAN SYLLABICS LHO<br>• Inuktitut (LHU)     |
| 15A3 | ᑭᐁ | CANADIAN SYLLABICS LHOO<br>• Inuktitut (LHUU)   |
| 15A4 | ᑭᐃ | CANADIAN SYLLABICS LHA                          |
| 15A5 | ᑭᐅ | CANADIAN SYLLABICS LHAA                         |
| 15A6 | ᑭᐇ | CANADIAN SYLLABICS LH                           |
| 15A7 | ᑭᐁ | CANADIAN SYLLABICS TH-CREE THE                  |
| 15A8 | ᑭᐃ | CANADIAN SYLLABICS TH-CREE THI                  |
| 15A9 | ᑭᐅ | CANADIAN SYLLABICS TH-CREE THII                 |
| 15AA | ᑭᐇ | CANADIAN SYLLABICS TH-CREE THO                  |
| 15AB | ᑭᐁ | CANADIAN SYLLABICS TH-CREE THOO                 |
| 15AC | ᑭᐃ | CANADIAN SYLLABICS TH-CREE THA                  |
| 15AD | ᑭᐅ | CANADIAN SYLLABICS TH-CREE THAA                 |
| 15AE | ᑭᐇ | CANADIAN SYLLABICS TH-CREE TH                   |

|      |    |                                               |
|------|----|-----------------------------------------------|
| 15AF | ᑭᐁ | CANADIAN SYLLABICS AIVILIK B                  |
| 15B0 | ᑭᐃ | CANADIAN SYLLABICS BLACKFOOT E                |
| 15B1 | ᑭᐅ | CANADIAN SYLLABICS BLACKFOOT I                |
| 15B2 | ᑭᐇ | CANADIAN SYLLABICS BLACKFOOT O                |
| 15B3 | ᑭᐁ | CANADIAN SYLLABICS BLACKFOOT A                |
| 15B4 | ᑭᐃ | CANADIAN SYLLABICS BLACKFOOT WE               |
| 15B5 | ᑭᐅ | CANADIAN SYLLABICS BLACKFOOT WI               |
| 15B6 | ᑭᐇ | CANADIAN SYLLABICS BLACKFOOT WO               |
| 15B7 | ᑭᐁ | CANADIAN SYLLABICS BLACKFOOT WA               |
| 15B8 | ᑭᐃ | CANADIAN SYLLABICS BLACKFOOT NE               |
| 15B9 | ᑭᐅ | CANADIAN SYLLABICS BLACKFOOT NI               |
| 15BA | ᑭᐇ | CANADIAN SYLLABICS BLACKFOOT NO               |
| 15BB | ᑭᐁ | CANADIAN SYLLABICS BLACKFOOT NA               |
| 15BC | ᑭᐃ | CANADIAN SYLLABICS BLACKFOOT KE               |
| 15BD | ᑭᐅ | CANADIAN SYLLABICS BLACKFOOT KI               |
| 15BE | ᑭᐇ | CANADIAN SYLLABICS BLACKFOOT KO               |
| 15BF | ᑭᐁ | CANADIAN SYLLABICS BLACKFOOT KA               |
| 15C0 | ᑭᐃ | CANADIAN SYLLABICS SAYISI HE                  |
| 15C1 | ᑭᐅ | CANADIAN SYLLABICS SAYISI HI                  |
| 15C2 | ᑭᐇ | CANADIAN SYLLABICS SAYISI HO<br>• Sayisi (HU) |
| 15C3 | ᑭᐁ | CANADIAN SYLLABICS SAYISI HA                  |

## Syllables for Carrier

|      |    |                                 |
|------|----|---------------------------------|
| 15C4 | ᑭᐁ | CANADIAN SYLLABICS CARRIER GHU  |
| 15C5 | ᑭᐃ | CANADIAN SYLLABICS CARRIER GHO  |
| 15C6 | ᑭᐅ | CANADIAN SYLLABICS CARRIER GHE  |
| 15C7 | ᑭᐇ | CANADIAN SYLLABICS CARRIER GHEE |
| 15C8 | ᑭᐁ | CANADIAN SYLLABICS CARRIER GHI  |
| 15C9 | ᑭᐃ | CANADIAN SYLLABICS CARRIER GHA  |
| 15CA | ᑭᐅ | CANADIAN SYLLABICS CARRIER RU   |
| 15CB | ᑭᐇ | CANADIAN SYLLABICS CARRIER RO   |
| 15CC | ᑭᐁ | CANADIAN SYLLABICS CARRIER RE   |
| 15CD | ᑭᐃ | CANADIAN SYLLABICS CARRIER REE  |
| 15CE | ᑭᐅ | CANADIAN SYLLABICS CARRIER RI   |
| 15CF | ᑭᐇ | CANADIAN SYLLABICS CARRIER RA   |
| 15D0 | ᑭᐁ | CANADIAN SYLLABICS CARRIER WU   |
| 15D1 | ᑭᐃ | CANADIAN SYLLABICS CARRIER WO   |
| 15D2 | ᑭᐅ | CANADIAN SYLLABICS CARRIER WE   |
| 15D3 | ᑭᐇ | CANADIAN SYLLABICS CARRIER WEE  |
| 15D4 | ᑭᐁ | CANADIAN SYLLABICS CARRIER WI   |
| 15D5 | ᑭᐃ | CANADIAN SYLLABICS CARRIER WA   |
| 15D6 | ᑭᐅ | CANADIAN SYLLABICS CARRIER HWU  |
| 15D7 | ᑭᐇ | CANADIAN SYLLABICS CARRIER HWO  |
| 15D8 | ᑭᐁ | CANADIAN SYLLABICS CARRIER HWE  |
| 15D9 | ᑭᐃ | CANADIAN SYLLABICS CARRIER HWEE |
| 15DA | ᑭᐅ | CANADIAN SYLLABICS CARRIER HWI  |
| 15DB | ᑭᐇ | CANADIAN SYLLABICS CARRIER HWA  |
| 15DC | ᑭᐁ | CANADIAN SYLLABICS CARRIER THU  |
| 15DD | ᑭᐃ | CANADIAN SYLLABICS CARRIER THO  |
| 15DE | ᑭᐅ | CANADIAN SYLLABICS CARRIER THE  |
| 15DF | ᑭᐇ | CANADIAN SYLLABICS CARRIER THEE |
| 15E0 | ᑭᐁ | CANADIAN SYLLABICS CARRIER THI  |
| 15E1 | ᑭᐃ | CANADIAN SYLLABICS CARRIER THA  |
| 15E2 | ᑭᐅ | CANADIAN SYLLABICS CARRIER TTU  |
| 15E3 | ᑭᐇ | CANADIAN SYLLABICS CARRIER TTO  |
| 15E4 | ᑭᐁ | CANADIAN SYLLABICS CARRIER TTE  |
| 15E5 | ᑭᐃ | CANADIAN SYLLABICS CARRIER TTEE |
| 15E6 | ᑭᐅ | CANADIAN SYLLABICS CARRIER TTI  |
| 15E7 | ᑭᐇ | CANADIAN SYLLABICS CARRIER TTA  |
| 15E8 | ᑭᐁ | CANADIAN SYLLABICS CARRIER PU   |
| 15E9 | ᑭᐃ | CANADIAN SYLLABICS CARRIER PO   |

|      |   |                                                                                      |      |   |                                      |
|------|---|--------------------------------------------------------------------------------------|------|---|--------------------------------------|
| 15EA | ᐃ | CANADIAN SYLLABICS CARRIER PE                                                        | 1621 | ᐅ | CANADIAN SYLLABICS CARRIER JJA       |
| 15EB | ᐅ | CANADIAN SYLLABICS CARRIER PEE                                                       | 1622 | ᐇ | CANADIAN SYLLABICS CARRIER LU        |
| 15EC | ᐇ | CANADIAN SYLLABICS CARRIER PI                                                        | 1623 | ᐈ | CANADIAN SYLLABICS CARRIER LO        |
| 15ED | ᐈ | CANADIAN SYLLABICS CARRIER PA                                                        | 1624 | ᐉ | CANADIAN SYLLABICS CARRIER LE        |
| 15EE | ᐊ | CANADIAN SYLLABICS CARRIER P                                                         | 1625 | ᐊ | CANADIAN SYLLABICS CARRIER LEE       |
| 15EF | ᐋ | CANADIAN SYLLABICS CARRIER GU                                                        | 1626 | ᐋ | CANADIAN SYLLABICS CARRIER LI        |
| 15FO | ᐌ | CANADIAN SYLLABICS CARRIER GO                                                        | 1627 | ᐌ | CANADIAN SYLLABICS CARRIER LA        |
| 15F1 | ᐍ | CANADIAN SYLLABICS CARRIER GE                                                        | 1628 | ᐍ | CANADIAN SYLLABICS CARRIER DLU       |
| 15F2 | ᐎ | CANADIAN SYLLABICS CARRIER GEE                                                       | 1629 | ᐎ | CANADIAN SYLLABICS CARRIER DLO       |
| 15F3 | ᐏ | CANADIAN SYLLABICS CARRIER GI                                                        | 162A | ᐏ | CANADIAN SYLLABICS CARRIER DLE       |
| 15F4 | ᐐ | CANADIAN SYLLABICS CARRIER GA                                                        | 162B | ᐐ | CANADIAN SYLLABICS CARRIER DLEE      |
| 15F5 | ᐑ | CANADIAN SYLLABICS CARRIER KHU                                                       | 162C | ᐐ | CANADIAN SYLLABICS CARRIER DLI       |
| 15F6 | ᐒ | CANADIAN SYLLABICS CARRIER KHO                                                       | 162D | ᐑ | CANADIAN SYLLABICS CARRIER DLA       |
| 15F7 | ᐓ | CANADIAN SYLLABICS CARRIER KHE                                                       | 162E | ᐒ | CANADIAN SYLLABICS CARRIER LHU       |
| 15F8 | ᐔ | CANADIAN SYLLABICS CARRIER KHEE                                                      | 162F | ᐓ | CANADIAN SYLLABICS CARRIER LHO       |
| 15F9 | ᐕ | CANADIAN SYLLABICS CARRIER KHI                                                       | 1630 | ᐔ | CANADIAN SYLLABICS CARRIER LHE       |
| 15FA | ᐙ | CANADIAN SYLLABICS CARRIER KHA                                                       | 1631 | ᐕ | CANADIAN SYLLABICS CARRIER LHEE      |
| 15FB | ᐚ | CANADIAN SYLLABICS CARRIER KGU                                                       | 1632 | ᐙ | CANADIAN SYLLABICS CARRIER LHI       |
| 15FC | ᐛ | CANADIAN SYLLABICS CARRIER KGO                                                       | 1633 | ᐚ | CANADIAN SYLLABICS CARRIER LHA       |
| 15FD | ᐜ | CANADIAN SYLLABICS CARRIER KKE                                                       | 1634 | ᐛ | CANADIAN SYLLABICS CARRIER TLHU      |
| 15FE | ᐝ | CANADIAN SYLLABICS CARRIER KKEE                                                      | 1635 | ᐜ | CANADIAN SYLLABICS CARRIER TLHO      |
| 15FF | ᐞ | CANADIAN SYLLABICS CARRIER KKI                                                       | 1636 | ᐝ | CANADIAN SYLLABICS CARRIER TLHE      |
| 1600 | ᐟ | CANADIAN SYLLABICS CARRIER KKA                                                       | 1637 | ᐞ | CANADIAN SYLLABICS CARRIER TLHEE     |
| 1601 | ᐠ | CANADIAN SYLLABICS CARRIER KK                                                        | 1638 | ᐟ | CANADIAN SYLLABICS CARRIER TLHI      |
| 1602 | ᐡ | CANADIAN SYLLABICS CARRIER NU                                                        | 1639 | ᐠ | CANADIAN SYLLABICS CARRIER TLHA      |
| 1603 | ᐢ | CANADIAN SYLLABICS CARRIER NO                                                        | 163A | ᐡ | CANADIAN SYLLABICS CARRIER TLU       |
| 1604 | ᐣ | CANADIAN SYLLABICS CARRIER NE                                                        | 163B | ᐢ | CANADIAN SYLLABICS CARRIER TLO       |
| 1605 | ᐤ | CANADIAN SYLLABICS CARRIER NEE                                                       | 163C | ᐣ | CANADIAN SYLLABICS CARRIER TLE       |
| 1606 | ᐥ | CANADIAN SYLLABICS CARRIER NI                                                        | 163D | ᐤ | CANADIAN SYLLABICS CARRIER TLEE      |
| 1607 | ᐦ | CANADIAN SYLLABICS CARRIER NA                                                        | 163E | ᐥ | CANADIAN SYLLABICS CARRIER TLI       |
| 1608 | ᐧ | CANADIAN SYLLABICS CARRIER MU                                                        | 163F | ᐦ | CANADIAN SYLLABICS CARRIER TLA       |
| 1609 | ᐨ | CANADIAN SYLLABICS CARRIER MO                                                        | 1640 | ᐧ | CANADIAN SYLLABICS CARRIER ZU        |
| 160A | ᐩ | CANADIAN SYLLABICS CARRIER ME                                                        | 1641 | ᐨ | CANADIAN SYLLABICS CARRIER ZO        |
| 160B | ᐪ | CANADIAN SYLLABICS CARRIER MEE                                                       | 1642 | ᐩ | CANADIAN SYLLABICS CARRIER ZE        |
| 160C | ᐫ | CANADIAN SYLLABICS CARRIER MI                                                        | 1643 | ᐪ | CANADIAN SYLLABICS CARRIER ZEE       |
| 160D | ᐬ | CANADIAN SYLLABICS CARRIER MA                                                        | 1644 | ᐫ | CANADIAN SYLLABICS CARRIER ZI        |
| 160E | ᐭ | CANADIAN SYLLABICS CARRIER YU                                                        | 1645 | ᐬ | CANADIAN SYLLABICS CARRIER ZA        |
| 160F | ᐮ | CANADIAN SYLLABICS CARRIER YO                                                        | 1646 | ᐭ | CANADIAN SYLLABICS CARRIER Z         |
| 1610 | ᐯ | CANADIAN SYLLABICS CARRIER YE                                                        | 1647 | ᐮ | CANADIAN SYLLABICS CARRIER INITIAL Z |
| 1611 | ᐰ | CANADIAN SYLLABICS CARRIER YEE                                                       | 1648 | ᐯ | CANADIAN SYLLABICS CARRIER DZU       |
| 1612 | ᐱ | CANADIAN SYLLABICS CARRIER YI                                                        | 1649 | ᐰ | CANADIAN SYLLABICS CARRIER DZO       |
| 1613 | ᐲ | CANADIAN SYLLABICS CARRIER YA                                                        | 164A | ᐱ | CANADIAN SYLLABICS CARRIER DZE       |
| 1614 | ᐳ | CANADIAN SYLLABICS CARRIER JU<br>• Athapascan (ZA), Sayisi (TZO), South Slavey (DHA) | 164B | ᐲ | CANADIAN SYLLABICS CARRIER DZEE      |
| 1615 | ᐴ | CANADIAN SYLLABICS SAYISI JU<br>• Athapascan (ZO), Sayisi (TZU), South Slavey (DHO)  | 164C | ᐳ | CANADIAN SYLLABICS CARRIER DZI       |
| 1616 | ᐵ | CANADIAN SYLLABICS CARRIER JO                                                        | 164D | ᐴ | CANADIAN SYLLABICS CARRIER DZA       |
| 1617 | ᐶ | CANADIAN SYLLABICS CARRIER JE                                                        | 164E | ᐵ | CANADIAN SYLLABICS CARRIER SU        |
| 1618 | ᐷ | CANADIAN SYLLABICS CARRIER JEE                                                       | 164F | ᐶ | CANADIAN SYLLABICS CARRIER SO        |
| 1619 | ᐸ | CANADIAN SYLLABICS CARRIER JI                                                        | 1650 | ᐷ | CANADIAN SYLLABICS CARRIER SE        |
| 161A | ᐹ | CANADIAN SYLLABICS SAYISI JI<br>• Athapascan (ZE), Sayisi (TZE), South Slavey (DHE)  | 1651 | ᐸ | CANADIAN SYLLABICS CARRIER SEE       |
| 161B | ᐺ | CANADIAN SYLLABICS CARRIER JA<br>• Athapascan (ZI), Sayisi (TZI), South Slavey (DHI) | 1652 | ᐹ | CANADIAN SYLLABICS CARRIER SI        |
| 161C | ᐻ | CANADIAN SYLLABICS CARRIER JJU                                                       | 1653 | ᐺ | CANADIAN SYLLABICS CARRIER SA        |
| 161D | ᐼ | CANADIAN SYLLABICS CARRIER JJO                                                       | 1654 | ᐻ | CANADIAN SYLLABICS CARRIER SHU       |
| 161E | ᐽ | CANADIAN SYLLABICS CARRIER JJE                                                       | 1655 | ᐼ | CANADIAN SYLLABICS CARRIER SHO       |
| 161F | ᐾ | CANADIAN SYLLABICS CARRIER JEE                                                       | 1656 | ᐽ | CANADIAN SYLLABICS CARRIER SHE       |
| 1620 | ᐿ | CANADIAN SYLLABICS CARRIER JJI                                                       | 1657 | ᐾ | CANADIAN SYLLABICS CARRIER SHEE      |
|      |   |                                                                                      | 1658 | ᐿ | CANADIAN SYLLABICS CARRIER SHI       |
|      |   |                                                                                      | 1659 | ᐿ | CANADIAN SYLLABICS CARRIER SHA       |
|      |   |                                                                                      | 165A | ᐿ | CANADIAN SYLLABICS CARRIER SH        |
|      |   |                                                                                      | 165B | ᐿ | CANADIAN SYLLABICS CARRIER TSU       |
|      |   |                                                                                      | 165C | ᐿ | CANADIAN SYLLABICS CARRIER TSO       |
|      |   |                                                                                      | 165D | ᐿ | CANADIAN SYLLABICS CARRIER TSE       |
|      |   |                                                                                      | 165E | ᐿ | CANADIAN SYLLABICS CARRIER TSEE      |

|      |   |                                  |
|------|---|----------------------------------|
| 165F | ᑭ | CANADIAN SYLLABICS CARRIER TSI   |
| 1660 | ᑭ | CANADIAN SYLLABICS CARRIER TSA   |
| 1661 | ᑭ | CANADIAN SYLLABICS CARRIER CHU   |
| 1662 | ᑭ | CANADIAN SYLLABICS CARRIER CHO   |
| 1663 | ᑭ | CANADIAN SYLLABICS CARRIER CHE   |
| 1664 | ᑭ | CANADIAN SYLLABICS CARRIER CHEE  |
| 1665 | ᑭ | CANADIAN SYLLABICS CARRIER CHI   |
| 1666 | ᑭ | CANADIAN SYLLABICS CARRIER CHA   |
| 1667 | ᑭ | CANADIAN SYLLABICS CARRIER TTTSU |
| 1668 | ᑭ | CANADIAN SYLLABICS CARRIER TTTSO |
| 1669 | ᑭ | CANADIAN SYLLABICS CARRIER TTSE  |
| 166A | ᑭ | CANADIAN SYLLABICS CARRIER TTSEE |
| 166B | ᑭ | CANADIAN SYLLABICS CARRIER TTSI  |
| 166C | ᑭ | CANADIAN SYLLABICS CARRIER TTSA  |

**Symbol**

|      |   |                                     |
|------|---|-------------------------------------|
| 166D | X | CANADIAN SYLLABICS CHI SIGN         |
|      |   | • Algonquian                        |
|      |   | • used as a symbol to denote Christ |
|      |   | → 2627 ᑭ chi rho                    |

**Punctuation**

|      |   |                                 |
|------|---|---------------------------------|
| 166E | x | CANADIAN SYLLABICS FULL STOP    |
|      |   | → 2E3C . stenographic full stop |

**Syllables**

|      |   |                                        |
|------|---|----------------------------------------|
| 166F | ᑭ | CANADIAN SYLLABICS QAI                 |
| 1670 | ᑭ | CANADIAN SYLLABICS NGAI                |
| 1671 | ᑭ | CANADIAN SYLLABICS NNGI                |
| 1672 | ᑭ | CANADIAN SYLLABICS NNGII               |
| 1673 | ᑭ | CANADIAN SYLLABICS NNGO                |
|      |   | • Inuktitut (NNGU)                     |
| 1674 | ᑭ | CANADIAN SYLLABICS NNGOO               |
|      |   | • Inuktitut (NNGUU)                    |
| 1675 | ᑭ | CANADIAN SYLLABICS NNGA                |
| 1676 | ᑭ | CANADIAN SYLLABICS NNGAA               |
| 1677 | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWEE    |
| 1678 | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWI     |
| 1679 | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWII    |
| 167A | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWO     |
| 167B | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWOO    |
| 167C | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWA     |
| 167D | ᑭ | CANADIAN SYLLABICS WOODS-CREE THWAA    |
| 167E | * | CANADIAN SYLLABICS WOODS-CREE FINAL TH |
| 167F | = | CANADIAN SYLLABICS BLACKFOOT W         |

|   | 170                                                                                         | 171                                                                                         |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>1700   | <br>1710   |
| 1 | <br>1701   | <br>1711   |
| 2 | <br>1702   | <br>1712   |
| 3 | <br>1703   | <br>1713   |
| 4 | <br>1704   | <br>1714   |
| 5 | <br>1705   | <br>1715   |
| 6 | <br>1706 |                                                                                             |
| 7 | <br>1707 |                                                                                             |
| 8 | <br>1708 |                                                                                             |
| 9 | <br>1709 |                                                                                             |
| A | <br>170A |                                                                                             |
| B | <br>170B |                                                                                             |
| C | <br>170C |                                                                                             |
| D | <br>170D |                                                                                             |
| E | <br>170E |                                                                                             |
| F | <br>170F | <br>171F |

#### Independent vowels

- 1700  TAGALOG LETTER A  
1701  TAGALOG LETTER I  
1702  TAGALOG LETTER U

#### Consonants

- 1703  TAGALOG LETTER KA  
1704  TAGALOG LETTER GA  
1705  TAGALOG LETTER NGA  
1706  TAGALOG LETTER TA  
1707  TAGALOG LETTER DA  
1708  TAGALOG LETTER NA  
1709  TAGALOG LETTER PA  
170A  TAGALOG LETTER BA  
170B  TAGALOG LETTER MA  
170C  TAGALOG LETTER YA  
170D  TAGALOG LETTER RA  
170E  TAGALOG LETTER LA  
170F  TAGALOG LETTER WA  
1710  TAGALOG LETTER SA  
1711  TAGALOG LETTER HA

#### Dependent vowel signs

- 1712  TAGALOG VOWEL SIGN I  
1713  TAGALOG VOWEL SIGN U

#### Viramas

- 1714  TAGALOG SIGN VIRAMA  
1715  TAGALOG SIGN PAMUDPOD  
→ 1734  hanunoo sign pamudpod

#### Archaic letter

- 171F  TAGALOG LETTER ARCHAIC RA  
= Zambales ra  
• modern adaptation, not found in Old Tagalog



|   | 180          | 181     | 182      | 183      | 184      | 185      | 186     | 187      | 188      | 189      | 18A      |
|---|--------------|---------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| 0 | ᠠ            | ᠡ       | ᠢ        | ᠣ        | ᠤ        | ᠥ        | ᠦ       | ᠨ        | ᠬ        | ᠭ        | ᠠᠨ       |
| 1 | ᠠᠠ           | ᠠᠡ      | ᠠᠢ       | ᠠᠣ       | ᠠᠤ       | ᠠᠥ       | ᠠᠦ      | ᠠᠨ       | ᠠᠬ       | ᠠᠭ       | ᠠᠨᠠ      |
| 2 | ᠠᠶ           | ᠠᠷ      | ᠠᠸ       | ᠠᠨ       | ᠠᠨᠠ      | ᠠᠨᠡ      | ᠠᠨᠢ     | ᠠᠨᠣ      | ᠠᠨᠤ      | ᠠᠨᠥ      | ᠠᠨᠦ      |
| 3 | ᠠᠶᠠ          | ᠠᠶᠡ     | ᠠᠶᠢ      | ᠠᠶᠣ      | ᠠᠶᠤ      | ᠠᠶᠥ      | ᠠᠶᠦ     | ᠠᠶᠨ      | ᠠᠶᠨᠠ     | ᠠᠶᠨᠡ     | ᠠᠶᠨᠢ     |
| 4 | ᠠᠶᠠᠠ         | ᠠᠶᠠᠡ    | ᠠᠶᠠᠢ     | ᠠᠶᠠᠣ     | ᠠᠶᠠᠤ     | ᠠᠶᠠᠥ     | ᠠᠶᠠᠦ    | ᠠᠶᠠᠨ     | ᠠᠶᠠᠨᠠ    | ᠠᠶᠠᠨᠡ    | ᠠᠶᠠᠨᠢ    |
| 5 | ᠠᠶᠠᠶ         | ᠠᠶᠠᠷ    | ᠠᠶᠠᠸ     | ᠠᠶᠠᠨ     | ᠠᠶᠠᠨᠠ    | ᠠᠶᠠᠨᠡ    | ᠠᠶᠠᠨᠢ   | ᠠᠶᠠᠨᠣ    | ᠠᠶᠠᠨᠤ    | ᠠᠶᠠᠨᠥ    | ᠠᠶᠠᠨᠦ    |
| 6 | ᠠᠶᠠᠶᠠ        | ᠠᠶᠠᠶᠡ   | ᠠᠶᠠᠶᠢ    | ᠠᠶᠠᠶᠣ    | ᠠᠶᠠᠶᠤ    | ᠠᠶᠠᠶᠥ    | ᠠᠶᠠᠶᠦ   | ᠠᠶᠠᠶᠨ    | ᠠᠶᠠᠶᠨᠠ   | ᠠᠶᠠᠶᠨᠡ   | ᠠᠶᠠᠶᠨᠢ   |
| 7 | ᠠᠶᠠᠶᠠᠠ       | ᠠᠶᠠᠶᠠᠡ  | ᠠᠶᠠᠶᠠᠢ   | ᠠᠶᠠᠶᠠᠣ   | ᠠᠶᠠᠶᠠᠤ   | ᠠᠶᠠᠶᠠᠥ   | ᠠᠶᠠᠶᠠᠦ  | ᠠᠶᠠᠶᠠᠨ   | ᠠᠶᠠᠶᠠᠨᠠ  | ᠠᠶᠠᠶᠠᠨᠡ  | ᠠᠶᠠᠶᠠᠨᠢ  |
| 8 | ᠠᠶᠠᠶᠠᠶ       | ᠠᠶᠠᠶᠠᠷ  | ᠠᠶᠠᠶᠠᠸ   | ᠠᠶᠠᠶᠠᠨ   | ᠠᠶᠠᠶᠠᠨᠠ  | ᠠᠶᠠᠶᠠᠨᠡ  | ᠠᠶᠠᠶᠠᠨᠢ | ᠠᠶᠠᠶᠠᠨᠣ  | ᠠᠶᠠᠶᠠᠨᠤ  | ᠠᠶᠠᠶᠠᠨᠥ  | ᠠᠶᠠᠶᠠᠨᠦ  |
| 9 | ᠠᠶᠠᠶᠠᠶᠠ      | ᠠᠶᠠᠶᠠᠶᠡ | ᠠᠶᠠᠶᠠᠶᠢ  | ᠠᠶᠠᠶᠠᠶᠣ  | ᠠᠶᠠᠶᠠᠶᠤ  | ᠠᠶᠠᠶᠠᠶᠥ  |         | ᠠᠶᠠᠶᠠᠶᠨ  | ᠠᠶᠠᠶᠠᠶᠨᠠ | ᠠᠶᠠᠶᠠᠶᠨᠡ | ᠠᠶᠠᠶᠠᠶᠨᠢ |
| A | ᠠᠶᠠᠶᠠᠶᠠᠶ     |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |
| B | FVS1<br>180B |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |          |          |
| C | FVS2<br>180C |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |          |          |
| D | FVS3<br>180D |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |          |          |
| E | MVS<br>180E  |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |          |          |
| F | FVS4<br>180F |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |         | ᠠᠶᠠᠶᠠᠶᠠᠶ | ᠠᠶᠠᠶᠠᠶᠠᠶ |          |          |

A copy of the Mongolian code chart showing glyphs for all Mongolian positional variants and variation sequences can be found in UTR #54, Unicode Mongolian 12.1 Snapshot.

### Punctuation

Additional birgas are encoded in the Mongolian Supplement block at 11660-1167F.

|      |         |                                                                |
|------|---------|----------------------------------------------------------------|
| 1800 | ᠰ       | MONGOLIAN BIRGA                                                |
|      | → 0F04  | tibetan mark initial yig mgo mdun ma                           |
| 1801 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN ELLIPSIS                                             |
| 1802 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN COMMA                                                |
| 1803 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FULL STOP                                            |
| 1804 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN COLON                                                |
| 1805 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FOUR DOTS                                            |
|      |         | • marks the end of a chapter                                   |
| 1806 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN TODO SOFT HYPHEN                                     |
|      |         | • not a format control character, but simply a hyphen for Todo |
|      |         | • also used in the Hudum (modern Mongolian) writing system     |
|      | → 00AD  | soft hyphen                                                    |
| 1807 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN SIBE SYLLABLE BOUNDARY MARKER                        |
| 1808 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN MANCHU COMMA                                         |
| 1809 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN MANCHU FULL STOP                                     |
| 180A | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN NIRUGU                                               |

### Format controls

|      |         |                                         |
|------|---------|-----------------------------------------|
| 180B | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FREE VARIATION SELECTOR ONE   |
|      |         | • abbreviated FVS1                      |
| 180C | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FREE VARIATION SELECTOR TWO   |
|      |         | • abbreviated FVS2                      |
| 180D | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FREE VARIATION SELECTOR THREE |
|      |         | • abbreviated FVS3                      |
| 180E | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN VOWEL SEPARATOR               |
|      |         | • abbreviated MVS                       |
| 180F | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN FREE VARIATION SELECTOR FOUR  |
|      |         | • abbreviated FVS4                      |

### Digits

|      |         |                       |
|------|---------|-----------------------|
| 1810 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT ZERO  |
| 1811 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT ONE   |
| 1812 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT TWO   |
| 1813 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT THREE |
| 1814 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT FOUR  |
| 1815 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT FIVE  |
| 1816 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT SIX   |
| 1817 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT SEVEN |
| 1818 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT EIGHT |
| 1819 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN DIGIT NINE  |

### Basic letters

Cross-references show commonly used Cyrillic transliterations.

|      |         |                           |
|------|---------|---------------------------|
| 1820 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER A        |
|      | → 0430  | a cyrillic small letter a |
| 1821 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER E        |
|      | → 044D  | e cyrillic small letter e |
| 1822 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER I        |
|      | → 0438  | и cyrillic small letter i |
| 1823 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER O        |
|      | → 043E  | o cyrillic small letter o |

|      |         |                                    |
|------|---------|------------------------------------|
| 1824 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER U                 |
|      | → 0443  | y cyrillic small letter u          |
| 1825 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER OE                |
|      | → 04E9  | o cyrillic small letter barred o   |
| 1826 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER UE                |
|      | → 04AF  | y cyrillic small letter straight u |
| 1827 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER EE                |
| 1828 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER NA                |
|      | → 043D  | h cyrillic small letter en         |
| 1829 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER ANG               |
| 182A | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER BA                |
|      | → 0431  | б cyrillic small letter be         |
| 182B | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER PA                |
|      | → 043F  | п cyrillic small letter pe         |
| 182C | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER QA                |
|      | → 0445  | x cyrillic small letter ha         |
| 182D | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER GA                |
|      | → 0433  | г cyrillic small letter ghe        |
| 182E | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER MA                |
|      | → 043C  | м cyrillic small letter em         |
| 182F | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER LA                |
|      | → 043B  | л cyrillic small letter el         |
| 1830 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER SA                |
|      | → 0441  | с cyrillic small letter es         |
| 1831 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER SHA               |
|      | → 0448  | ш cyrillic small letter sha        |
| 1832 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER TA                |
|      | → 0442  | т cyrillic small letter te         |
| 1833 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER DA                |
|      | → 0434  | д cyrillic small letter de         |
| 1834 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER CHA               |
|      | → 0447  | ч cyrillic small letter che        |
| 1835 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER JA                |
|      | → 0436  | ж cyrillic small letter zhe        |
| 1836 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER YA                |
|      | → 0439  | й cyrillic small letter short i    |
| 1837 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER RA                |
|      | → 0440  | р cyrillic small letter er         |
| 1838 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER WA                |
|      | → 0432  | в cyrillic small letter ve         |
| 1839 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER FA                |
|      | → 0444  | ф cyrillic small letter ef         |
| 183A | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER KA                |
|      | → 0445  | x cyrillic small letter ha         |
| 183B | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER KHA               |
|      | → 043A  | к cyrillic small letter ka         |
| 183C | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER TSA               |
|      | → 0446  | ц cyrillic small letter tse        |
| 183D | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER ZA                |
|      | → 0437  | з cyrillic small letter ze         |
| 183E | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER HAA               |
|      | → 0445  | x cyrillic small letter ha         |
| 183F | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER ZRA               |
|      | → 0436  | ж cyrillic small letter zhe        |
| 1840 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER LHA               |
| 1841 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER ZHI               |
| 1842 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER CHI               |

### Todo letters

|      |         |                                       |
|------|---------|---------------------------------------|
| 1843 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER TODO LONG VOWEL SIGN |
| 1844 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER TODO E               |
| 1845 | ᠰᠢᠨᠠᠭᠠᠨ | MONGOLIAN LETTER TODO I               |



|      |   |                           |
|------|---|---------------------------|
| 1846 | ᠣ | MONGOLIAN LETTER TODO O   |
| 1847 | ᠤ | MONGOLIAN LETTER TODO U   |
| 1848 | ᠥ | MONGOLIAN LETTER TODO OE  |
| 1849 | ᠦ | MONGOLIAN LETTER TODO UE  |
| 184A | ᠨ | MONGOLIAN LETTER TODO ANG |
| 184B | ᠪ | MONGOLIAN LETTER TODO BA  |
| 184C | ᠫ | MONGOLIAN LETTER TODO PA  |
| 184D | ᠬ | MONGOLIAN LETTER TODO QA  |
| 184E | ᠭ | MONGOLIAN LETTER TODO GA  |
| 184F | ᠮ | MONGOLIAN LETTER TODO MA  |
| 1850 | ᠤ | MONGOLIAN LETTER TODO TA  |
| 1851 | ᠳ | MONGOLIAN LETTER TODO DA  |
| 1852 | ᠴ | MONGOLIAN LETTER TODO CHA |
| 1853 | ᠵ | MONGOLIAN LETTER TODO JA  |
| 1854 | ᠰ | MONGOLIAN LETTER TODO TSA |
| 1855 | ᠷ | MONGOLIAN LETTER TODO YA  |
| 1856 | ᠡ | MONGOLIAN LETTER TODO WA  |
| 1857 | ᠬ | MONGOLIAN LETTER TODO KA  |
| 1858 | ᠭ | MONGOLIAN LETTER TODO GAA |
| 1859 | ᠬ | MONGOLIAN LETTER TODO HAA |
| 185A | ᠨ | MONGOLIAN LETTER TODO JIA |
| 185B | ᠨ | MONGOLIAN LETTER TODO NIA |
| 185C | ᠳ | MONGOLIAN LETTER TODO DZA |

**Sibe letters**

|      |   |                           |
|------|---|---------------------------|
| 185D | ᠰ | MONGOLIAN LETTER SIBE E   |
| 185E | ᠰ | MONGOLIAN LETTER SIBE I   |
| 185F | ᠰ | MONGOLIAN LETTER SIBE IY  |
| 1860 | ᠰ | MONGOLIAN LETTER SIBE UE  |
| 1861 | ᠰ | MONGOLIAN LETTER SIBE U   |
| 1862 | ᠰ | MONGOLIAN LETTER SIBE ANG |
| 1863 | ᠰ | MONGOLIAN LETTER SIBE KA  |
| 1864 | ᠰ | MONGOLIAN LETTER SIBE GA  |
| 1865 | ᠰ | MONGOLIAN LETTER SIBE HA  |
| 1866 | ᠰ | MONGOLIAN LETTER SIBE PA  |
| 1867 | ᠰ | MONGOLIAN LETTER SIBE SHA |
| 1868 | ᠰ | MONGOLIAN LETTER SIBE TA  |
| 1869 | ᠰ | MONGOLIAN LETTER SIBE DA  |
| 186A | ᠰ | MONGOLIAN LETTER SIBE JA  |
| 186B | ᠰ | MONGOLIAN LETTER SIBE FA  |
| 186C | ᠰ | MONGOLIAN LETTER SIBE GAA |
| 186D | ᠰ | MONGOLIAN LETTER SIBE HAA |
| 186E | ᠰ | MONGOLIAN LETTER SIBE TSA |
| 186F | ᠰ | MONGOLIAN LETTER SIBE ZA  |
| 1870 | ᠰ | MONGOLIAN LETTER SIBE RAA |
| 1871 | ᠰ | MONGOLIAN LETTER SIBE CHA |
| 1872 | ᠰ | MONGOLIAN LETTER SIBE ZHA |

**Manchu letters**

|      |   |                             |
|------|---|-----------------------------|
| 1873 | ᠰ | MONGOLIAN LETTER MANCHU I   |
| 1874 | ᠰ | MONGOLIAN LETTER MANCHU KA  |
| 1875 | ᠰ | MONGOLIAN LETTER MANCHU RA  |
| 1876 | ᠰ | MONGOLIAN LETTER MANCHU FA  |
| 1877 | ᠰ | MONGOLIAN LETTER MANCHU ZHA |

**Buryat letter**

|      |   |                                    |
|------|---|------------------------------------|
| 1878 | ᠰ | MONGOLIAN LETTER CHA WITH TWO DOTS |
|------|---|------------------------------------|

**Extensions for Sanskrit and Tibetan**

|      |   |                                                                          |
|------|---|--------------------------------------------------------------------------|
| 1880 | ᠰ | MONGOLIAN LETTER ALI GALI ANUSVARA ONE<br>→ 0F83 ᠰ tibetan sign sna ldan |
| 1881 | ᠰ | MONGOLIAN LETTER ALI GALI VISARGA ONE<br>→ 0F7F ᠰ tibetan sign nram bcad |

|      |   |                                                                                 |
|------|---|---------------------------------------------------------------------------------|
| 1882 | ᠰ | MONGOLIAN LETTER ALI GALI DAMARU<br>→ 0F88 ᠰ tibetan sign lce tsa can           |
| 1883 | ᠰ | MONGOLIAN LETTER ALI GALI UBADAMA                                               |
| 1884 | ᠰ | MONGOLIAN LETTER ALI GALI INVERTED<br>UBADAMA<br>→ 0F89 ᠰ tibetan sign mchu can |
| 1885 | ᠰ | MONGOLIAN LETTER ALI GALI BALUDA<br>→ 0F85 ᠰ tibetan mark paluta                |
| 1886 | ᠰ | MONGOLIAN LETTER ALI GALI THREE BALUDA                                          |
| 1887 | ᠰ | MONGOLIAN LETTER ALI GALI A                                                     |
| 1888 | ᠰ | MONGOLIAN LETTER ALI GALI I                                                     |
| 1889 | ᠰ | MONGOLIAN LETTER ALI GALI KA                                                    |
| 188A | ᠰ | MONGOLIAN LETTER ALI GALI NGA                                                   |
| 188B | ᠰ | MONGOLIAN LETTER ALI GALI CA                                                    |
| 188C | ᠰ | MONGOLIAN LETTER ALI GALI TTA                                                   |
| 188D | ᠰ | MONGOLIAN LETTER ALI GALI TTHA                                                  |
| 188E | ᠰ | MONGOLIAN LETTER ALI GALI DDA                                                   |
| 188F | ᠰ | MONGOLIAN LETTER ALI GALI NNA                                                   |
| 1890 | ᠰ | MONGOLIAN LETTER ALI GALI TA                                                    |
| 1891 | ᠰ | MONGOLIAN LETTER ALI GALI DA                                                    |
| 1892 | ᠰ | MONGOLIAN LETTER ALI GALI PA                                                    |
| 1893 | ᠰ | MONGOLIAN LETTER ALI GALI PHA                                                   |
| 1894 | ᠰ | MONGOLIAN LETTER ALI GALI SSA                                                   |
| 1895 | ᠰ | MONGOLIAN LETTER ALI GALI ZHA                                                   |
| 1896 | ᠰ | MONGOLIAN LETTER ALI GALI ZA                                                    |
| 1897 | ᠰ | MONGOLIAN LETTER ALI GALI AH                                                    |
| 1898 | ᠰ | MONGOLIAN LETTER TODO ALI GALI TA                                               |
| 1899 | ᠰ | MONGOLIAN LETTER TODO ALI GALI ZHA                                              |
| 189A | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI GHA                                            |
| 189B | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI NGA                                            |
| 189C | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI CA                                             |
| 189D | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI JHA                                            |
| 189E | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI TTA                                            |
| 189F | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI DDHA                                           |
| 18A0 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI TA                                             |
| 18A1 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI DHA                                            |
| 18A2 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI SSA                                            |
| 18A3 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI CYA                                            |
| 18A4 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI ZHA                                            |
| 18A5 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI ZA                                             |
| 18A6 | ᠰ | MONGOLIAN LETTER ALI GALI HALF U                                                |
| 18A7 | ᠰ | MONGOLIAN LETTER ALI GALI HALF YA                                               |
| 18A8 | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI BHA                                            |
| 18A9 | ᠰ | MONGOLIAN LETTER ALI GALI DAGALGA                                               |
| 18AA | ᠰ | MONGOLIAN LETTER MANCHU ALI GALI LHA                                            |

|   | 18B         | 18C         | 18D         | 18E         | 18F         |
|---|-------------|-------------|-------------|-------------|-------------|
| 0 | ᐃᐃᐃ<br>18B0 | ᐃᐃᐃ<br>18C0 | ᐃᐃᐃ<br>18D0 | ᐃᐃᐃ<br>18E0 | ᐃᐃᐃ<br>18F0 |
| 1 | ᐃᐃᐃ<br>18B1 | ᐃᐃᐃ<br>18C1 | ᐃᐃᐃ<br>18D1 | ᐃᐃᐃ<br>18E1 | ᐃᐃᐃ<br>18F1 |
| 2 | ᐃᐃᐃ<br>18B2 | ᐃᐃᐃ<br>18C2 | ᐃᐃᐃ<br>18D2 | ᐃᐃᐃ<br>18E2 | ᐃᐃᐃ<br>18F2 |
| 3 | ᐃᐃᐃ<br>18B3 | ᐃᐃᐃ<br>18C3 | ᐃᐃᐃ<br>18D3 | ᐃᐃᐃ<br>18E3 | ᐃᐃᐃ<br>18F3 |
| 4 | ᐃᐃᐃ<br>18B4 | ᐃᐃᐃ<br>18C4 | ᐃᐃᐃ<br>18D4 | ᐃᐃᐃ<br>18E4 | ᐃᐃᐃ<br>18F4 |
| 5 | ᐃᐃᐃ<br>18B5 | ᐃᐃᐃ<br>18C5 | ᐃᐃᐃ<br>18D5 | ᐃᐃᐃ<br>18E5 | ᐃᐃᐃ<br>18F5 |
| 6 | ᐃᐃᐃ<br>18B6 | ᐃᐃᐃ<br>18C6 | ᐃᐃᐃ<br>18D6 | ᐃᐃᐃ<br>18E6 |             |
| 7 | ᐃᐃᐃ<br>18B7 | ᐃᐃᐃ<br>18C7 | ᐃᐃᐃ<br>18D7 | ᐃᐃᐃ<br>18E7 |             |
| 8 | ᐃᐃᐃ<br>18B8 | ᐃᐃᐃ<br>18C8 | ᐃᐃᐃ<br>18D8 | ᐃᐃᐃ<br>18E8 |             |
| 9 | ᐃᐃᐃ<br>18B9 | ᐃᐃᐃ<br>18C9 | ᐃᐃᐃ<br>18D9 | ᐃᐃᐃ<br>18E9 |             |
| A | ᐃᐃᐃ<br>18BA | ᐃᐃᐃ<br>18CA | ᐃᐃᐃ<br>18DA | ᐃᐃᐃ<br>18EA |             |
| B | ᐃᐃᐃ<br>18BB | ᐃᐃᐃ<br>18CB | ᐃᐃᐃ<br>18DB | ᐃᐃᐃ<br>18EB |             |
| C | ᐃᐃᐃ<br>18BC | ᐃᐃᐃ<br>18CC | ᐃᐃᐃ<br>18DC | ᐃᐃᐃ<br>18EC |             |
| D | ᐃᐃᐃ<br>18BD | ᐃᐃᐃ<br>18CD | ᐃᐃᐃ<br>18DD | ᐃᐃᐃ<br>18ED |             |
| E | ᐃᐃᐃ<br>18BE | ᐃᐃᐃ<br>18CE | ᐃᐃᐃ<br>18DE | ᐃᐃᐃ<br>18EE |             |
| F | ᐃᐃᐃ<br>18BF | ᐃᐃᐃ<br>18CF | ᐃᐃᐃ<br>18DF | ᐃᐃᐃ<br>18EF |             |

### Syllables for Moose Cree

|      |   |                          |
|------|---|--------------------------|
| 18B0 | ᐅ | CANADIAN SYLLABICS OY    |
| 18B1 | ᐃ | CANADIAN SYLLABICS AY    |
| 18B2 | ᐱ | CANADIAN SYLLABICS AAY   |
| 18B3 | ᑭ | CANADIAN SYLLABICS WAY   |
| 18B4 | ᖅ | CANADIAN SYLLABICS POY   |
| 18B5 | ᔨ | CANADIAN SYLLABICS PAY   |
| 18B6 | ᗪ | CANADIAN SYLLABICS PWOY  |
| 18B7 | ᓇ | CANADIAN SYLLABICS TAY   |
| 18B8 | ᓈ | CANADIAN SYLLABICS KAY   |
| 18B9 | ᓉ | CANADIAN SYLLABICS KWAY  |
| 18BA | ᓊ | CANADIAN SYLLABICS MAY   |
| 18BB | ᓋ | CANADIAN SYLLABICS NOY   |
| 18BC | ᓌ | CANADIAN SYLLABICS NAY   |
| 18BD | ᓍ | CANADIAN SYLLABICS LAY   |
| 18BE | ᓎ | CANADIAN SYLLABICS SOY   |
| 18BF | ᓏ | CANADIAN SYLLABICS SAY   |
| 18C0 | ᓐ | CANADIAN SYLLABICS SHOY  |
| 18C1 | ᓑ | CANADIAN SYLLABICS SHAY  |
| 18C2 | ᓒ | CANADIAN SYLLABICS SHWOY |
| 18C3 | ᓕ | CANADIAN SYLLABICS YOY   |
| 18C4 | ᓆ | CANADIAN SYLLABICS YAY   |
| 18C5 | ᓇ | CANADIAN SYLLABICS RAY   |

### Syllables for Cree and Ojibway

|      |   |                                 |
|------|---|---------------------------------|
| 18C6 | ᑭ | CANADIAN SYLLABICS NWI          |
| 18C7 | ᑭ | CANADIAN SYLLABICS OJIBWAY NWI  |
| 18C8 | ᑭ | CANADIAN SYLLABICS NWII         |
| 18C9 | ᑭ | CANADIAN SYLLABICS OJIBWAY NWII |
| 18CA | ᑭ | CANADIAN SYLLABICS NWO          |
| 18CB | ᑭ | CANADIAN SYLLABICS OJIBWAY NWO  |
| 18CC | ᑭ | CANADIAN SYLLABICS NWOO         |
| 18CD | ᑭ | CANADIAN SYLLABICS OJIBWAY NWOO |
| 18CE | ᑭ | CANADIAN SYLLABICS RWEE         |
| 18CF | ᑭ | CANADIAN SYLLABICS RWI          |
| 18D0 | ᑭ | CANADIAN SYLLABICS RWII         |
| 18D1 | ᑭ | CANADIAN SYLLABICS RWO          |
| 18D2 | ᑭ | CANADIAN SYLLABICS RWOO         |
| 18D3 | ᑭ | CANADIAN SYLLABICS RWA          |

## Finals for Cree and Ojibway

|      |   |                                     |
|------|---|-------------------------------------|
| 18D4 | ʌ | CANADIAN SYLLABICS OJIBWAY P        |
| 18D5 | ɲ | CANADIAN SYLLABICS OJIBWAY T        |
| 18D6 | p | CANADIAN SYLLABICS OJIBWAY K        |
| 18D7 | ɾ | CANADIAN SYLLABICS OJIBWAY C        |
| 18D8 | ɹ | CANADIAN SYLLABICS OJIBWAY M        |
| 18D9 | ʁ | CANADIAN SYLLABICS OJIBWAY N        |
| 18DA | s | CANADIAN SYLLABICS OJIBWAY S        |
| 18DB | ʃ | CANADIAN SYLLABICS OJIBWAY SH       |
| 18DC | ʌ | CANADIAN SYLLABICS EASTERN W        |
| 18DD | ʌ | CANADIAN SYLLABICS WESTERN W        |
| 18DE | ° | CANADIAN SYLLABICS FINAL SMALL RING |
| 18DF | ° | CANADIAN SYLLABICS FINAL RAISED DOT |

• Carrier (GI OTTAI STOP)

### Syllables for Beaver Dene, Hare Dene, and Chipewyan Dene

|      |   |                                  |
|------|---|----------------------------------|
| 18E0 | ᑭ | CANADIAN SYLLABICS R-CREE RWE    |
|      |   | • Beaver Dene (LYE)              |
| 18E1 | ᑭ | CANADIAN SYLLABICS WEST-CREE LOO |
|      |   | • Chipewyan Dene (LU)            |
| 18E2 | ᑭ | CANADIAN SYLLABICS WEST-CREE LAA |
|      |   | • Beaver Dene (LAI)              |

|      |   |                                     |
|------|---|-------------------------------------|
| 18E3 | ᑭ | CANADIAN SYLLABICS THWE             |
|      |   | • Beaver Dene (TYE)                 |
| 18E4 | ᑭ | CANADIAN SYLLABICS THWA             |
|      |   | • Beaver Dene (TYA)                 |
| 18E5 | ᑭ | CANADIAN SYLLABICS TTHWE            |
|      |   | • Beaver Dene (HYE)                 |
| 18E6 | ᑭ | CANADIAN SYLLABICS TTHOO            |
|      |   | • Chipewyan Dene (TTHU)             |
| 18E7 | ᑭ | CANADIAN SYLLABICS TTHAA            |
|      |   | • Beaver Dene (HAI)                 |
| 18E8 | ᑭ | CANADIAN SYLLABICS TLHWE            |
|      |   | • Beaver Dene (TLYE)                |
| 18E9 | ᑭ | CANADIAN SYLLABICS TLHOO            |
|      |   | • Chipewyan Dene (TLU)              |
| 18EA | ᑭ | CANADIAN SYLLABICS SAYISI SHWE      |
|      |   | • Beaver Dene (ZYE)                 |
| 18EB | ᑭ | CANADIAN SYLLABICS SAYISI SHOO      |
|      |   | • Chipewyan Dene (SHU)              |
| 18EC | ᑭ | CANADIAN SYLLABICS SAYISI HOO       |
|      |   | • Chipewyan Dene (GU)               |
| 18ED | ᑭ | CANADIAN SYLLABICS CARRIER GWU      |
|      |   | • Beaver Dene (CHYE)                |
| 18EE | ᑭ | CANADIAN SYLLABICS CARRIER DENE GEE |
|      |   | • Chipewyan Dene (CHU)              |
| 18EF | ᑭ | CANADIAN SYLLABICS CARRIER GAA      |
|      |   | • Beaver Dene (CHAI)                |
| 18F0 | ᑭ | CANADIAN SYLLABICS CARRIER GWA      |
|      |   | • Hare Dene (SHYA)                  |
| 18F1 | ᑭ | CANADIAN SYLLABICS SAYISI JUU       |
|      |   | • Chipewyan Dene (TSU)              |
| 18F2 | ᑭ | CANADIAN SYLLABICS CARRIER JWA      |
|      |   | • Beaver Dene (TSYE)                |

## Finals for Dene and Carrier

|      |   |                                     |
|------|---|-------------------------------------|
| 18F3 | l | CANADIAN SYLLABICS BEAVER DENE L    |
| 18F4 | r | CANADIAN SYLLABICS BEAVER DENE R    |
| 18F5 | s | CANADIAN SYLLABICS CARRIER DENTAL S |

|   | 1AB      | 1AC      | 1AD | 1AE | 1AF |
|---|----------|----------|-----|-----|-----|
| 0 | <br>1AB0 | <br>1AC0 |     |     |     |
| 1 | <br>1AB1 | <br>1AC1 |     |     |     |
| 2 | <br>1AB2 | <br>1AC2 |     |     |     |
| 3 | <br>1AB3 | <br>1AC3 |     |     |     |
| 4 | <br>1AB4 | <br>1AC4 |     |     |     |
| 5 | <br>1AB5 | <br>1AC5 |     |     |     |
| 6 | <br>1AB6 | <br>1AC6 |     |     |     |
| 7 | <br>1AB7 | <br>1AC7 |     |     |     |
| 8 | <br>1AB8 | <br>1AC8 |     |     |     |
| 9 | <br>1AB9 | <br>1AC9 |     |     |     |
| A | <br>1ABA | <br>1ACA |     |     |     |
| B | <br>1ABB | <br>1ACB |     |     |     |
| C | <br>1ABC | <br>1ACC |     |     |     |
| D | <br>1ABD | <br>1ACD |     |     |     |
| E | <br>1ABE | <br>1ACE |     |     |     |
| F | <br>1ABF |          |     |     |     |



|   |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|
|   | 1B01 | 1B11 | 1B21 | 1B31 | 1B41 | 1B51 | 1B61 | 1B71 |
| 2 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 3 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 4 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 5 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 6 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 7 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 8 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| 9 | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| A | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| B | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| C | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |
| D | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    | ံ    |

## 1B00

## Balinese

## 1B3F

## Various signs

- 1B00 𑀧 BALINESE SIGN ULU RICEM  
= ardhaçandra
- 1B01 𑀨 BALINESE SIGN ULU CANDRA  
= candrabindu
- 1B02 𑀩 BALINESE SIGN CECEK  
= anusvara
- 1B03 𑀪 BALINESE SIGN SURANG  
= final r  
• also used for repha in transliteration of Kawi  
→ A982 𑀫 javanese sign layar
- 1B04 𑀬 BALINESE SIGN BISAH  
= visarga

## Independent vowels

- 1B05 𑀭 BALINESE LETTER AKARA  
= a
- 1B06 𑀮 BALINESE LETTER AKARA TEDUNG  
= aa  
≡ 1B05 𑀭 1B35 𑀭
- 1B07 𑀯 BALINESE LETTER IKARA  
= i
- 1B08 𑀰 BALINESE LETTER IKARA TEDUNG  
= ii  
≡ 1B07 𑀯 1B35 𑀭
- 1B09 𑀱 BALINESE LETTER UKARA  
= u
- 1B0A 𑀲 BALINESE LETTER UKARA TEDUNG  
= uu  
≡ 1B09 𑀱 1B35 𑀭
- 1B0B 𑀳 BALINESE LETTER RA REPA  
= vocalic r
- 1B0C 𑀴 BALINESE LETTER RA REPA TEDUNG  
= vocalic rr  
≡ 1B0B 𑀳 1B35 𑀭
- 1B0D 𑀵 BALINESE LETTER LA LENG  
= vocalic l
- 1B0E 𑀶 BALINESE LETTER LA LENG TEDUNG  
= vocalic ll  
≡ 1B0D 𑀵 1B35 𑀭
- 1B0F 𑀷 BALINESE LETTER EKARA  
= e
- 1B10 𑀸 BALINESE LETTER AIKARA  
= ai
- 1B11 𑀹 BALINESE LETTER OKARA  
= o
- 1B12 𑀺 BALINESE LETTER OKARA TEDUNG  
= au  
≡ 1B11 𑀹 1B35 𑀭

## Consonants

- 1B13 𑀻 BALINESE LETTER KA
- 1B14 𑀼 BALINESE LETTER KA MAHAPRANA  
= kha
- 1B15 𑀽 BALINESE LETTER GA
- 1B16 𑀾 BALINESE LETTER GA GORA  
= gha
- 1B17 𑀿 BALINESE LETTER NGA
- 1B18 𑁀 BALINESE LETTER CA
- 1B19 𑁁 BALINESE LETTER CA LACA  
= cha
- 1B1A 𑁂 BALINESE LETTER JA
- 1B1B 𑁃 BALINESE LETTER JA JERA  
= jha
- 1B1C 𑁄 BALINESE LETTER NYA

- 1B1D 𑁅 BALINESE LETTER TA LATIK  
= tta
- 1B1E 𑁆 BALINESE LETTER TA MURDA MAHAPRANA  
= ttha
- 1B1F 𑁇 BALINESE LETTER DA MURDA ALPAPRANA  
= dda
- 1B20 𑁈 BALINESE LETTER DA MURDA MAHAPRANA  
= ddha
- 1B21 𑁉 BALINESE LETTER NA RAMBAT  
= nna
- 1B22 𑁊 BALINESE LETTER TA
- 1B23 𑁋 BALINESE LETTER TA TAWA  
= tha
- 1B24 𑁌 BALINESE LETTER DA
- 1B25 𑁍 BALINESE LETTER DA MADU  
= dha
- 1B26 𑁎 BALINESE LETTER NA
- 1B27 𑁏 BALINESE LETTER PA
- 1B28 𑁐 BALINESE LETTER PA KAPAL  
= pha
- 1B29 𑁑 BALINESE LETTER BA
- 1B2A 𑁒 BALINESE LETTER BA KEMBANG  
= bha
- 1B2B 𑁓 BALINESE LETTER MA
- 1B2C 𑁔 BALINESE LETTER YA
- 1B2D 𑁕 BALINESE LETTER RA
- 1B2E 𑁖 BALINESE LETTER LA
- 1B2F 𑁗 BALINESE LETTER WA
- 1B30 𑁘 BALINESE LETTER SA SAGA  
= sha
- 1B31 𑁙 BALINESE LETTER SA SAPA  
= ssa
- 1B32 𑁚 BALINESE LETTER SA
- 1B33 𑁛 BALINESE LETTER HA

## Sign

- 1B34 𑁜 BALINESE SIGN REREKAN  
= nukta

## Dependent vowel signs

- 1B35 𑁝 BALINESE VOWEL SIGN TEDUNG  
= aa
- 1B36 𑁞 BALINESE VOWEL SIGN ULU  
= i
- 1B37 𑁟 BALINESE VOWEL SIGN ULU SARI  
= ii
- 1B38 𑁠 BALINESE VOWEL SIGN SUKU  
= u
- 1B39 𑁡 BALINESE VOWEL SIGN SUKU ILUT  
= uu
- 1B3A 𑁢 BALINESE VOWEL SIGN RA REPA  
= vocalic r
- 1B3B 𑁣 BALINESE VOWEL SIGN RA REPA TEDUNG  
= vocalic rr  
≡ 1B3A 𑁢 1B35 𑁝
- 1B3C 𑁤 BALINESE VOWEL SIGN LA LENG  
= vocalic l
- 1B3D 𑁥 BALINESE VOWEL SIGN LA LENG TEDUNG  
= vocalic ll  
≡ 1B3C 𑁤 1B35 𑁝
- 1B3E 𑁦 BALINESE VOWEL SIGN TALING  
= e
- 1B3F 𑁧 BALINESE VOWEL SIGN TALING REPA  
= ai

## 1B40

## Balinese

## 1B7E

|      |    |                                                                     |
|------|----|---------------------------------------------------------------------|
| 1B40 | ᮊᮥ | BALINESE VOWEL SIGN TALING TEDUNG<br>= o<br>≡ 1B3E ᮊᮥ 1B35 ᮊᮥ       |
| 1B41 | ᮊᮥ | BALINESE VOWEL SIGN TALING REPA TEDUNG<br>= au<br>≡ 1B3F ᮊᮥ 1B35 ᮊᮥ |
| 1B42 | ᮊᮥ | BALINESE VOWEL SIGN PEPET<br>= ae                                   |
| 1B43 | ᮊᮥ | BALINESE VOWEL SIGN PEPET TEDUNG<br>= oe<br>≡ 1B42 ᮊᮥ 1B35 ᮊᮥ       |

## Sign

|      |    |                                |
|------|----|--------------------------------|
| 1B44 | ᮊᮥ | BALINESE ADEG ADEG<br>= virama |
|------|----|--------------------------------|

## Additional consonants

|      |    |                                                                                                                                |
|------|----|--------------------------------------------------------------------------------------------------------------------------------|
| 1B45 | ᮊᮥ | BALINESE LETTER KAF SASAK                                                                                                      |
| 1B46 | ᮊᮥ | BALINESE LETTER KHOT SASAK                                                                                                     |
| 1B47 | ᮊᮥ | BALINESE LETTER TZIR SASAK                                                                                                     |
| 1B48 | ᮊᮥ | BALINESE LETTER EF SASAK                                                                                                       |
| 1B49 | ᮊᮥ | BALINESE LETTER VE SASAK                                                                                                       |
| 1B4A | ᮊᮥ | BALINESE LETTER ZAL SASAK                                                                                                      |
| 1B4B | ᮊᮥ | BALINESE LETTER ASYURA SASAK                                                                                                   |
| 1B4C | ᮊᮥ | BALINESE LETTER ARCHAIC JNYA<br>• used in older texts in place of the ja + nya conjunct<br>→ A998 ᮊᮥ javanese letter nya murda |

## Digits

|      |    |                      |
|------|----|----------------------|
| 1B50 | ᮊᮥ | BALINESE DIGIT ZERO  |
| 1B51 | ᮊᮥ | BALINESE DIGIT ONE   |
| 1B52 | ᮊᮥ | BALINESE DIGIT TWO   |
| 1B53 | ᮊᮥ | BALINESE DIGIT THREE |
| 1B54 | ᮊᮥ | BALINESE DIGIT FOUR  |
| 1B55 | ᮊᮥ | BALINESE DIGIT FIVE  |
| 1B56 | ᮊᮥ | BALINESE DIGIT SIX   |
| 1B57 | ᮊᮥ | BALINESE DIGIT SEVEN |
| 1B58 | ᮊᮥ | BALINESE DIGIT EIGHT |
| 1B59 | ᮊᮥ | BALINESE DIGIT NINE  |

## Punctuation

|      |    |                                                                               |
|------|----|-------------------------------------------------------------------------------|
| 1B5A | ᮊᮥ | BALINESE PANTI<br>= section                                                   |
| 1B5B | ᮊᮥ | BALINESE PAMADA<br>= honorific section                                        |
| 1B5C | ᮊᮥ | BALINESE WINDU<br>= punctuation ring                                          |
| 1B5D | ᮊᮥ | BALINESE CARIK PAMUNGKAH<br>= colon                                           |
| 1B5E | ᮊᮥ | BALINESE CARIK SIKI<br>= danda<br>→ 0964 I devanagari danda                   |
| 1B5F | ᮊᮥ | BALINESE CARIK PAREREN<br>= double danda<br>→ 0965 II devanagari double danda |
| 1B60 | ᮊᮥ | BALINESE PAMENENG<br>= line-breaking hyphen                                   |

## Musical symbols for notes

|      |    |                                     |
|------|----|-------------------------------------|
| 1B61 | ᮊᮥ | BALINESE MUSICAL SYMBOL DONG        |
| 1B62 | ᮊᮥ | BALINESE MUSICAL SYMBOL DENG        |
| 1B63 | ᮊᮥ | BALINESE MUSICAL SYMBOL DUNG        |
| 1B64 | ᮊᮥ | BALINESE MUSICAL SYMBOL DANG        |
| 1B65 | ᮊᮥ | BALINESE MUSICAL SYMBOL DANG SURANG |
| 1B66 | ᮊᮥ | BALINESE MUSICAL SYMBOL DING        |

|      |    |                                   |
|------|----|-----------------------------------|
| 1B67 | ᮊᮥ | BALINESE MUSICAL SYMBOL DAENG     |
| 1B68 | ᮊᮥ | BALINESE MUSICAL SYMBOL DEUNG     |
| 1B69 | ᮊᮥ | BALINESE MUSICAL SYMBOL DAING     |
| 1B6A | ᮊᮥ | BALINESE MUSICAL SYMBOL DANG GEDE |

## Diacritical marks for musical symbols

|      |    |                                                       |
|------|----|-------------------------------------------------------|
| 1B6B | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING TEGEH               |
| 1B6C | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING ENDEP               |
| 1B6D | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING KEMPUL              |
| 1B6E | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING KEMPLI              |
| 1B6F | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING JEGOGAN             |
| 1B70 | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING KEMPUL WITH JEGOGAN |
| 1B71 | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING KEMPLI WITH JEGOGAN |
| 1B72 | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING BENDE               |
| 1B73 | ᮊᮥ | BALINESE MUSICAL SYMBOL COMBINING GONG                |

## Musical symbols

|      |    |                                               |
|------|----|-----------------------------------------------|
| 1B74 | ᮊᮥ | BALINESE MUSICAL SYMBOL RIGHT-HAND OPEN DUG   |
| 1B75 | ᮊᮥ | BALINESE MUSICAL SYMBOL RIGHT-HAND OPEN DAG   |
| 1B76 | ᮊᮥ | BALINESE MUSICAL SYMBOL RIGHT-HAND CLOSED TUK |
| 1B77 | ᮊᮥ | BALINESE MUSICAL SYMBOL RIGHT-HAND CLOSED TAK |
| 1B78 | ᮊᮥ | BALINESE MUSICAL SYMBOL LEFT-HAND OPEN PANG   |
| 1B79 | ᮊᮥ | BALINESE MUSICAL SYMBOL LEFT-HAND OPEN PUNG   |
| 1B7A | ᮊᮥ | BALINESE MUSICAL SYMBOL LEFT-HAND CLOSED PLAK |
| 1B7B | ᮊᮥ | BALINESE MUSICAL SYMBOL LEFT-HAND CLOSED PLUK |
| 1B7C | ᮊᮥ | BALINESE MUSICAL SYMBOL LEFT-HAND OPEN PING   |

## Punctuation

|      |    |                                          |
|------|----|------------------------------------------|
| 1B7D | ᮊᮥ | BALINESE PANTI LANTANG<br>= end of text  |
| 1B7E | ᮊᮥ | BALINESE PAMADA LANTANG<br>= end of text |



|   | 1B8                                                                                         | 1B9                                                                                         | 1BA                                                                                          | 1BB                                                                                          |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 0 | <br>1B80   | <br>1B90   | <br>1BA0    | <br>1BB0    |
| 1 | <br>1B81   | <br>1B91   | <br>1BA1    | <br>1BB1    |
| 2 | <br>1B82   | <br>1B92   | <br>1BA2    | <br>1BB2    |
| 3 | <br>1B83   | <br>1B93   | <br>1BA3    | <br>1BB3    |
| 4 | <br>1B84   | <br>1B94   | <br>1BA4    | <br>1BB4    |
| 5 | <br>1B85   | <br>1B95   | <br>1BA5    | <br>1BB5    |
| 6 | <br>1B86   | <br>1B96   | <br>1BA6    | <br>1BB6    |
| 7 | <br>1B87  | <br>1B97  | <br>1BA7   | <br>1BB7   |
| 8 | <br>1B88 | <br>1B98 | <br>1BA8  | <br>1BB8  |
| 9 | <br>1B89 | <br>1B99 | <br>1BA9  | <br>1BB9  |
| A | <br>1B8A | <br>1B9A | <br>1BA A | <br>1BB A |
| B | <br>1B8B | <br>1B9B | <br>1BA B | <br>1BB B |
| C | <br>1B8C | <br>1B9C | <br>1BA C | <br>1BB C |
| D | <br>1B8D | <br>1B9D | <br>1BA D | <br>1BB D |
| E | <br>1B8E | <br>1B9E | <br>1BA E | <br>1BB E |
| F | <br>1B8F | <br>1B9F | <br>1BA F | <br>1BB F |

## 1B80

## Sundanese

## 1BBF

## Various signs

- 1B80  SUNDANESE SIGN PANYECEK  
= anusvara
- 1B81  SUNDANESE SIGN PANGLAYAR  
= final r
- 1B82  SUNDANESE SIGN PANGWISAD  
= visarga

## Vowels

- 1B83  SUNDANESE LETTER A
- 1B84  SUNDANESE LETTER I
- 1B85  SUNDANESE LETTER U
- 1B86  SUNDANESE LETTER AE
- 1B87  SUNDANESE LETTER O
- 1B88  SUNDANESE LETTER E
- 1B89  SUNDANESE LETTER EU

## Consonants

- 1B8A  SUNDANESE LETTER KA
- 1B8B  SUNDANESE LETTER QA
- 1B8C  SUNDANESE LETTER GA
- 1B8D  SUNDANESE LETTER NGA
- 1B8E  SUNDANESE LETTER CA
- 1B8F  SUNDANESE LETTER JA
- 1B90  SUNDANESE LETTER ZA
- 1B91  SUNDANESE LETTER NYA
- 1B92  SUNDANESE LETTER TA
- 1B93  SUNDANESE LETTER DA
- 1B94  SUNDANESE LETTER NA
- 1B95  SUNDANESE LETTER PA
- 1B96  SUNDANESE LETTER FA
- 1B97  SUNDANESE LETTER VA
- 1B98  SUNDANESE LETTER BA
- 1B99  SUNDANESE LETTER MA
- 1B9A  SUNDANESE LETTER YA
- 1B9B  SUNDANESE LETTER RA
- 1B9C  SUNDANESE LETTER LA
- 1B9D  SUNDANESE LETTER WA
- 1B9E  SUNDANESE LETTER SA
- 1B9F  SUNDANESE LETTER XA
- 1BA0  SUNDANESE LETTER HA

## Consonant signs

- 1BA1  SUNDANESE CONSONANT SIGN PAMINGKAL  
= subjoined ya
- 1BA2  SUNDANESE CONSONANT SIGN PANYAKRA  
= subjoined ra
- 1BA3  SUNDANESE CONSONANT SIGN PANYIKU  
= subjoined la

## Vowel signs

- 1BA4  SUNDANESE VOWEL SIGN PANGHULU  
= i
- 1BA5  SUNDANESE VOWEL SIGN PANYUKU  
= u
- 1BA6  SUNDANESE VOWEL SIGN PANAELAENG  
= ae
- 1BA7  SUNDANESE VOWEL SIGN PANOLONG  
= o
- 1BA8  SUNDANESE VOWEL SIGN PAMEPET  
= e
- 1BA9  SUNDANESE VOWEL SIGN PANEULEUNG  
= eu

## Viramas

- 1BAA  SUNDANESE SIGN PAMAAEH  
= virama  
• does not form conjuncts
- 1BAB  SUNDANESE SIGN VIRAMA  
• forms conjuncts in older orthography

## Consonant signs

- 1BAC  SUNDANESE CONSONANT SIGN PASANGAN MA  
= subjoined ma
- 1BAD  SUNDANESE CONSONANT SIGN PASANGAN WA  
= subjoined wa

## Additional consonants

- 1BAE  SUNDANESE LETTER KHA
- 1BAF  SUNDANESE LETTER SYA

## Digits

- 1BB0  SUNDANESE DIGIT ZERO
- 1BB1  SUNDANESE DIGIT ONE
- 1BB2  SUNDANESE DIGIT TWO
- 1BB3  SUNDANESE DIGIT THREE
- 1BB4  SUNDANESE DIGIT FOUR
- 1BB5  SUNDANESE DIGIT FIVE
- 1BB6  SUNDANESE DIGIT SIX
- 1BB7  SUNDANESE DIGIT SEVEN
- 1BB8  SUNDANESE DIGIT EIGHT
- 1BB9  SUNDANESE DIGIT NINE

## Sign

- 1BBA  SUNDANESE AVAGRAHA  
= gemination mark

## Historic letters

- 1BBB  SUNDANESE LETTER REU  
• vocalic r
- 1BBC  SUNDANESE LETTER LEU  
• vocalic l
- 1BBD  SUNDANESE LETTER BHA  
× SUNDANESE LETTER ARCHAIC I  
• character was originally misidentified, so its name is a misnomer

- 1BBE  SUNDANESE LETTER FINAL K

- 1BBF  SUNDANESE LETTER FINAL M

- used in a 21st century document
- for actual final m, use the sequence 1B99  1BAA 

|   | 1DC                                                                                         | 1DD                                                                                         | 1DE                                                                                         | 1DF                                                                                         |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>1DC0   | <br>1DD0   | <br>1DE0   | <br>1DF0   |
| 1 | <br>1DC1   | <br>1DD1   | <br>1DE1   | <br>1DF1   |
| 2 | <br>1DC2   | <br>1DD2   | <br>1DE2   | <br>1DF2   |
| 3 | <br>1DC3   | <br>1DD3   | <br>1DE3   | <br>1DF3   |
| 4 | <br>1DC4   | <br>1DD4   | <br>1DE4   | <br>1DF4   |
| 5 | <br>1DC5   | <br>1DD5   | <br>1DE5   | <br>1DF5   |
| 6 | <br>1DC6 | <br>1DD6 | <br>1DE6 | <br>1DF6 |
| 7 | <br>1DC7 | <br>1DD7 | <br>1DE7 | <br>1DF7 |
| 8 | <br>1DC8 | <br>1DD8 | <br>1DE8 | <br>1DF8 |
| 9 | <br>1DC9 | <br>1DD9 | <br>1DE9 | <br>1DF9 |
| A | <br>1DCA | <br>1DDA | <br>1DEA | <br>1DFA |
| B | <br>1DCB | <br>1ddb | <br>1DEB | <br>1DFB |
| C | <br>1DCC | <br>1DDC | <br>1DEC | <br>1DFC |
| D | <br>1DCD | <br>1DDD | <br>1DED | <br>1DFD |
| E | <br>1DCE | <br>1DDE | <br>1DEE | <br>1DFE |
| F | <br>1DCF | <br>1DDF | <br>1DEF | <br>1DFF |

**Used for Ancient Greek**

*These are used as editorial signs for Ancient Greek to indicate scribal deletion of erroneous accent marks.*

- 1DC0 ◌̣ COMBINING DOTTED GRAVE ACCENT  
→ 0300 ◌̣ combining grave accent  
→ 1FED ◌̣ greek dialytika and varia
- 1DC1 ◌̡ COMBINING DOTTED ACUTE ACCENT  
→ 0301 ◌̡ combining acute accent  
→ 0344 ◌̡ combining greek dialytika tonos  
→ 1FEE ◌̡ greek dialytika and oxia

**Miscellaneous marks**

- 1DC2 ◌̢ COMBINING SNAKE BELOW  
1DC3 ◌̣ COMBINING SUSPENSION MARK  
• Glagolitic  
→ 0306 ◌̣ combining breve

**Contour tone marks**

- 1DC4 ◌̤ COMBINING MACRON-ACUTE  
1DC5 ◌̥ COMBINING GRAVE-MACRON  
1DC6 ◌̦ COMBINING MACRON-GRAVE  
1DC7 ◌̧ COMBINING ACUTE-MACRON  
1DC8 ◌̨ COMBINING GRAVE-ACUTE-GRAVE  
1DC9 ◌̩ COMBINING ACUTE-GRAVE-ACUTE

**Miscellaneous mark**

- 1DCA ◌̪ COMBINING LATIN SMALL LETTER R BELOW

**Contour tone marks**

- 1DCB ◌̫ COMBINING BREVE-MACRON  
• Lithuanian dialectology
- 1DCC ◌̬ COMBINING MACRON-BREVE  
• Lithuanian dialectology

**Double diacritic**

- 1DCD ◌̭ COMBINING DOUBLE CIRCUMFLEX ABOVE

**Medievalist additions**

- 1DCE ◌̮ COMBINING OGONEK ABOVE  
1DCF ◌̯ COMBINING ZIGZAG BELOW  
1DD0 ◌̰ COMBINING IS BELOW  
1DD1 ◌̱ COMBINING UR ABOVE  
1DD2 ◌̲ COMBINING US ABOVE

**Medieval superscript letter diacritics**

- 1DD3 ◌̳ COMBINING LATIN SMALL LETTER FLATTENED OPEN A ABOVE  
1DD4 ◌̴ COMBINING LATIN SMALL LETTER AE  
1DD5 ◌̵ COMBINING LATIN SMALL LETTER AO  
1DD6 ◌̶ COMBINING LATIN SMALL LETTER AV  
1DD7 ◌̷ COMBINING LATIN SMALL LETTER C CEDILLA  
1DD8 ◌̸ COMBINING LATIN SMALL LETTER INSULAR D  
1DD9 ◌̹ COMBINING LATIN SMALL LETTER ETH  
1DDA ◌̺ COMBINING LATIN SMALL LETTER G  
1ddb ◌̻ COMBINING LATIN LETTER SMALL CAPITAL G  
1DDC ◌̼ COMBINING LATIN SMALL LETTER K  
1DDD ◌̽ COMBINING LATIN SMALL LETTER L  
1DDE ◌̾ COMBINING LATIN LETTER SMALL CAPITAL L  
1DDF ◌̿ COMBINING LATIN LETTER SMALL CAPITAL M  
1DE0 ◌̿ COMBINING LATIN SMALL LETTER N  
1DE1 ◌̿ COMBINING LATIN LETTER SMALL CAPITAL N  
1DE2 ◌̿ COMBINING LATIN LETTER SMALL CAPITAL R  
1DE3 ◌̿ COMBINING LATIN SMALL LETTER R ROTUNDA  
1DE4 ◌̿ COMBINING LATIN SMALL LETTER S  
1DE5 ◌̿ COMBINING LATIN SMALL LETTER LONG S

- 1DE6 ◌̿ COMBINING LATIN SMALL LETTER Z

**Superscript letter diacritics for German dialectology**

- 1DE7 ◌̿ COMBINING LATIN SMALL LETTER ALPHA  
1DE8 ◌̿ COMBINING LATIN SMALL LETTER B  
1DE9 ◌̿ COMBINING LATIN SMALL LETTER BETA  
1DEA ◌̿ COMBINING LATIN SMALL LETTER SCHWA  
1DEB ◌̿ COMBINING LATIN SMALL LETTER F  
1DEC ◌̿ COMBINING LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE  
1DED ◌̿ COMBINING LATIN SMALL LETTER O WITH LIGHT CENTRALIZATION STROKE  
1DEE ◌̿ COMBINING LATIN SMALL LETTER P  
1DEF ◌̿ COMBINING LATIN SMALL LETTER ESH  
1DF0 ◌̿ COMBINING LATIN SMALL LETTER U WITH LIGHT CENTRALIZATION STROKE  
1DF1 ◌̿ COMBINING LATIN SMALL LETTER W  
→ 1ABF ◌̿ combining latin small letter w below  
→ 1AC7 ◌̿ combining inverted double arch above  
1DF2 ◌̿ COMBINING LATIN SMALL LETTER A WITH DIAERESIS  
1DF3 ◌̿ COMBINING LATIN SMALL LETTER O WITH DIAERESIS  
1DF4 ◌̿ COMBINING LATIN SMALL LETTER U WITH DIAERESIS

**Diacritic for American lexicography**

- 1DF5 ◌̿ COMBINING UP TACK ABOVE

**Typicon marks**

- 1DF6 ◌̿ COMBINING KAVYKA ABOVE RIGHT  
1DF7 ◌̿ COMBINING KAVYKA ABOVE LEFT  
→ A67C ◌̿ combining cyrillic kavyka

**Miscellaneous marks**

- 1DF8 ◌̿ COMBINING DOT ABOVE LEFT  
• used in Syriac as a disambiguation dot  
• used in Typicon Cyrillic, where the dot may have a square appearance  
→ 0358 ◌̿ combining dot above right  
→ 0740 ◌̿ syriac feminine dot
- 1DF9 ◌̿ COMBINING WIDE INVERTED BRIDGE BELOW  
• used as a Typicon mark  
→ 033A ◌̿ combining inverted bridge below

**1DFA ◌̿ COMBINING DOT BELOW LEFT**

- used in Syriac as a disambiguation dot

- 1DFB ◌̿ COMBINING DELETION MARK  
• used for "mhusaa" in Newa scribal tradition

**Double diacritic mark for UPA**

- 1DFC ◌̿ COMBINING DOUBLE INVERTED BREVE BELOW

**Miscellaneous mark**

- 1DFD ◌̿ COMBINING ALMOST EQUAL TO BELOW  
• diacritic indicating a strident vowel in Khoisan languages

**Additional marks for UPA**

- 1DFE ◌̿ COMBINING LEFT ARROWHEAD ABOVE  
1DFF ◌̿ COMBINING RIGHT ARROWHEAD AND DOWN ARROWHEAD BELOW

|   | 20A       | 20B       | 20C       |
|---|-----------|-----------|-----------|
| 0 | ₴<br>20A0 | ₸<br>20B0 | ₡<br>20C0 |
| 1 | ₣<br>20A1 | ₱<br>20B1 |           |
| 2 | ₢<br>20A2 | ₣<br>20B2 |           |
| 3 | ₤<br>20A3 | ₧<br>20B3 |           |
| 4 | ₧<br>20A4 | ₡<br>20B4 |           |
| 5 | ₮<br>20A5 | ₢<br>20B5 |           |
| 6 | ₯<br>20A6 | ₣<br>20B6 |           |
| 7 | ₰<br>20A7 | ₤<br>20B7 |           |
| 8 | ₱<br>20A8 | ₥<br>20B8 |           |
| 9 | ₲<br>20A9 | ₦<br>20B9 |           |
| A | ₳<br>20AA | ₧<br>20BA |           |
| B | ₴<br>20AB | ₨<br>20BB |           |
| C | ₵<br>20AC | ₩<br>20BC |           |
| D | ₶<br>20AD | ₰<br>20BD |           |
| E | ₷<br>20AE | ₱<br>20BE |           |
| F | ₸<br>20AF | ₹<br>20BF |           |

**Currency symbols**

A number of currency symbols are found in other blocks.  
Fullwidth versions of some currency symbols are found in the  
Halfwidth and Fullwidth Forms block.

|           |                                                                                       |
|-----------|---------------------------------------------------------------------------------------|
| → 0024 \$ | dollar sign                                                                           |
| → 00A2 ¢  | cent sign                                                                             |
| → 00A3 £  | pound sign                                                                            |
| → 00A4 ₤  | currency sign                                                                         |
| → 00A5 ¥  | yen sign                                                                              |
| → 0192 f  | latin small letter f with hook                                                        |
| → 058F ֏  | armenian dram sign                                                                    |
| → 060B ۰  | afghani sign                                                                          |
| → 09F2 ৳  | bengali rupee mark                                                                    |
| → 09F3 ৳  | bengali rupee sign                                                                    |
| → 0AF1 ₹  | gujarati rupee sign                                                                   |
| → 0BF9 ௧  | tamil rupee sign                                                                      |
| → 0E3F ฿  | thai currency symbol baht                                                             |
| → 17DB ៛  | khmer currency symbol riel                                                            |
| → 2133 ₠  | script capital m                                                                      |
| → 5143 元  |                                                                                       |
| → 5186 円  |                                                                                       |
| → 5706 圓  |                                                                                       |
| → 5713 圓  |                                                                                       |
| → FDFC ₡  | rial sign                                                                             |
| → 1E2FF ₮ | wancho ngun sign                                                                      |
| 20A0 €    | <b>EURO-CURRENCY SIGN</b>                                                             |
|           | • intended for ECU, but not widely used                                               |
|           | • historical character; this is NOT the euro!                                         |
|           | → 20AC € euro sign                                                                    |
| 20A1 ₡    | <b>COLON SIGN</b>                                                                     |
|           | • Costa Rica, El Salvador                                                             |
| 20A2 ₤    | <b>CRUZEIRO SIGN</b>                                                                  |
|           | • Brazil                                                                              |
| 20A3 ₣    | <b>FRENCH FRANC SIGN</b>                                                              |
|           | • France                                                                              |
| 20A4 £    | <b>LIRA SIGN</b>                                                                      |
|           | • intended for lira, but not widely used                                              |
|           | • preferred character for lira is 00A3 £                                              |
|           | → 00A3 £ pound sign                                                                   |
|           | → 20BA ₺ turkish lira sign                                                            |
| 20A5 ¢    | <b>MILL SIGN</b>                                                                      |
|           | • USA (1/10 cent)                                                                     |
| 20A6 ₦    | <b>NAIRA SIGN</b>                                                                     |
|           | • Nigeria                                                                             |
| 20A7 ₧    | <b>PESETA SIGN</b>                                                                    |
|           | • Spain                                                                               |
|           | → 20B1 ₧ peso sign                                                                    |
| 20A8 ₨    | <b>RUPEE SIGN</b>                                                                     |
|           | • India, unofficial legacy practice                                                   |
|           | → 20B9 ₹ indian rupee sign                                                            |
|           | ≈ 0052 ₨ 0073 s                                                                       |
| 20A9 ₩    | <b>WON SIGN</b>                                                                       |
|           | • Korea                                                                               |
|           | • glyph may have one or two crossbars, but the most common form in Korea has only one |
| 20AA ₪    | <b>NEW SHEQEL SIGN</b>                                                                |
|           | = shekel                                                                              |
|           | • Israel                                                                              |
| 20AB ₫    | <b>DONG SIGN</b>                                                                      |
|           | • Vietnam                                                                             |

|        |                                                                                                                  |
|--------|------------------------------------------------------------------------------------------------------------------|
| 20AC € | <b>EURO SIGN</b>                                                                                                 |
|        | • currency sign for the European Monetary Union                                                                  |
|        | • euro, not ecu                                                                                                  |
|        | → 20A0 € euro-currency sign                                                                                      |
| 20AD ₭ | <b>KIP SIGN</b>                                                                                                  |
|        | • Laos                                                                                                           |
| 20AE ₮ | <b>TUGRIK SIGN</b>                                                                                               |
|        | • Mongolia                                                                                                       |
|        | • also transliterated as tugrug, tugric, tugrog, togrog, tögrög                                                  |
| 20AF ₯ | <b>DRACHMA SIGN</b>                                                                                              |
|        | • Greece                                                                                                         |
| 20B0 ₧ | <b>GERMAN PENNY SIGN</b>                                                                                         |
| 20B1 ₱ | <b>PESO SIGN</b>                                                                                                 |
|        | = Filipino peso sign                                                                                             |
|        | • Philippines                                                                                                    |
|        | • extant and discontinued Latin-American peso currencies (Mexican, Chilean, Colombian, etc.) use the dollar sign |
|        | → 0024 \$ dollar sign                                                                                            |
|        | → 20A7 ₧ peseta sign                                                                                             |
| 20B2 ₲ | <b>GUARANI SIGN</b>                                                                                              |
|        | • Paraguay                                                                                                       |
|        | • Often represented by G. or Gs.                                                                                 |
| 20B3 ₳ | <b>AUSTRAL SIGN</b>                                                                                              |
|        | • former Argentinian currency                                                                                    |
| 20B4 ₴ | <b>HRVYNIA SIGN</b>                                                                                              |
|        | • Ukraine                                                                                                        |
| 20B5 ₵ | <b>CEDI SIGN</b>                                                                                                 |
|        | • Ghana                                                                                                          |
|        | • glyph may look like '¢' or like C with a short vertical stroke through the upper arm                           |
|        | → 00A2 ¢ cent sign                                                                                               |
|        | → 023B ¢ latin capital letter c with stroke                                                                      |
| 20B6 ₷ | <b>LIVRE TOURNOIS SIGN</b>                                                                                       |
|        | • used in France from 13th-18th centuries                                                                        |
| 20B7 ₸ | <b>SPESMILO SIGN</b>                                                                                             |
|        | • historical international currency associated with Esperanto                                                    |
| 20B8 ₹ | <b>TENGE SIGN</b>                                                                                                |
|        | • Kazakhstan                                                                                                     |
|        | → 2351 ₹ apl functional symbol up tack overbar                                                                   |
|        | → 2564 ₹ box drawings down single and horizontal double                                                          |
|        | → 3012 ₹ postal mark                                                                                             |
| 20B9 ₹ | <b>INDIAN RUPEE SIGN</b>                                                                                         |
|        | • official rupee currency sign for India                                                                         |
|        | • contrasts with script-specific rupee signs and abbreviations                                                   |
|        | → 0930 ₹ devanagari letter ra                                                                                    |
| 20BA ₺ | <b>TURKISH LIRA SIGN</b>                                                                                         |
|        | • official lira currency sign for Turkey                                                                         |
| 20BB € | <b>NORDIC MARK SIGN</b>                                                                                          |
|        | • early representation of the Mark currency used in Denmark and Norway                                           |
|        | → 2133 ₠ script capital m                                                                                        |
| 20BC ₼ | <b>MANAT SIGN</b>                                                                                                |
|        | • Azerbaijan                                                                                                     |
| 20BD ₰ | <b>RUBLE SIGN</b>                                                                                                |
|        | • Russia                                                                                                         |
| 20BE ₾ | <b>LARI SIGN</b>                                                                                                 |
|        | • Georgia                                                                                                        |

20BF ₿ BITCOIN SIGN  
• a cryptocurrency

20C0 ₮ SOM SIGN  
• Kyrgyzstan

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|   | 210                        | 211                 | 212                | 213                | 214                  |
|---|----------------------------|---------------------|--------------------|--------------------|----------------------|
| 0 | $\text{a/c}$<br>2100       | $\text{f}$<br>2110  | SM<br>2120         | $\text{e}$<br>2130 | $\Sigma$<br>2140     |
| 1 | $\text{a/s}$<br>2101       | $\text{f}$<br>2111  | TEL<br>2121        | $\text{f}$<br>2131 | $\text{G}$<br>2141   |
| 2 | $\text{C}$<br>2102         | $\text{L}$<br>2112  | TM<br>2122         | $\text{H}$<br>2132 | $\text{7}$<br>2142   |
| 3 | $^{\circ}\text{C}$<br>2103 | $\text{l}$<br>2113  | $\text{V}$<br>2123 | $\text{M}$<br>2133 | $\text{J}$<br>2143   |
| 4 | $\text{¢}$<br>2104         | $\text{W}$<br>2114  | $\text{Z}$<br>2124 | $\text{o}$<br>2134 | $\text{A}$<br>2144   |
| 5 | $\text{‰}$<br>2105         | $\text{N}$<br>2115  | $\text{3}$<br>2125 | $\text{N}$<br>2135 | $\text{D}$<br>2145   |
| 6 | $\text{‰u}$<br>2106        | $\text{No}$<br>2116 | $\Omega$<br>2126   | $\text{z}$<br>2136 | $\text{d}$<br>2146   |
| 7 | $\text{E}$<br>2107         | $\text{P}$<br>2117  | $\text{S}$<br>2127 | $\text{λ}$<br>2137 | $\text{e}$<br>2147   |
| 8 | $\text{D}$<br>2108         | $\text{S}$<br>2118  | $\text{3}$<br>2128 | $\text{7}$<br>2138 | $\text{i}$<br>2148   |
| 9 | $^{\circ}\text{F}$<br>2109 | $\text{P}$<br>2119  | $\text{i}$<br>2129 | $\text{i}$<br>2139 | $\text{j}$<br>2149   |
| A | $\text{g}$<br>210A         | $\text{Q}$<br>211A  | $\text{K}$<br>212A | $\text{O}$<br>213A | $\text{P}$<br>214A   |
| B | $\text{H}$<br>210B         | $\text{R}$<br>211B  | $\text{A}$<br>212B | FAX<br>213B        | $\text{W}$<br>214B   |
| C | $\text{S}$<br>210C         | $\text{R}$<br>211C  | $\text{B}$<br>212C | $\pi$<br>213C      | $\text{P}$<br>214C   |
| D | $\text{H}$<br>210D         | $\text{R}$<br>211D  | $\text{C}$<br>212D | $\text{Y}$<br>213D | $\text{A/s}$<br>214D |
| E | $\text{h}$<br>210E         | $\text{R}$<br>211E  | $\text{e}$<br>212E | $\text{F}$<br>213E | $\text{H}$<br>214E   |
| F | $\text{h}$<br>210F         | $\text{R}$<br>211F  | $\text{e}$<br>212F | $\text{P}$<br>213F | $\text{W}$<br>214F   |



**Letterlike symbols**

Some of the letterlike symbols are intended to complete the set of mathematical alphanumeric symbols starting at 1D400.

|      |    |                                                                                   |
|------|----|-----------------------------------------------------------------------------------|
| 2100 | ‰  | ACCOUNT OF                                                                        |
|      |    | ≈ 0061 a 002F / 0063 c                                                            |
| 2101 | ‰  | ADDRESSED TO THE SUBJECT                                                          |
|      |    | = aux soins (de)                                                                  |
|      |    | → 214D ‰ aktieselskab                                                             |
|      |    | ≈ 0061 a 002F / 0073 s                                                            |
| 2102 | ℂ  | DOUBLE-STRUCK CAPITAL C                                                           |
|      |    | = the set of complex numbers                                                      |
|      |    | ≈ <font> 0043 C latin capital letter c                                            |
| 2103 | °C | DEGREE CELSIUS                                                                    |
|      |    | = degrees centigrade                                                              |
|      |    | ≈ 00B0 ° 0043 C                                                                   |
| 2104 | ¢  | CENTRE LINE SYMBOL                                                                |
|      |    | = clone                                                                           |
| 2105 | ‰  | CARE OF                                                                           |
|      |    | ≈ 0063 c 002F / 006F o                                                            |
| 2106 | ‰  | CADA UNA                                                                          |
|      |    | • Spanish for “each one”                                                          |
|      |    | ≈ 0063 c 002F / 0075 u                                                            |
| 2107 | ℰ  | EULER CONSTANT                                                                    |
|      |    | → 0045 E latin capital letter e                                                   |
|      |    | ≈ 0190 ℰ latin capital letter open e                                              |
| 2108 | ℰ  | SCRUPLE                                                                           |
| 2109 | °F | DEGREE FAHRENHEIT                                                                 |
|      |    | ≈ 00B0 ° 0046 F                                                                   |
| 210A | ℓ  | SCRIPT SMALL G                                                                    |
|      |    | = real number symbol                                                              |
|      |    | ≈ <font> 0067 g latin small letter g                                              |
| 210B | ℋ  | SCRIPT CAPITAL H                                                                  |
|      |    | = Hamiltonian operator                                                            |
|      |    | ~ 210B FE00 ℋ chancery style                                                      |
|      |    | ~ 210B FE01 ℋ roundhand style                                                     |
|      |    | ≈ <font> 0048 H latin capital letter h                                            |
| 210C | ℋ  | BLACK-LETTER CAPITAL H                                                            |
|      |    | = Hilbert space                                                                   |
|      |    | ≈ <font> 0048 H latin capital letter h                                            |
| 210D | ℋ  | DOUBLE-STRUCK CAPITAL H                                                           |
|      |    | ≈ <font> 0048 H latin capital letter h                                            |
| 210E | ℏ  | PLANCK CONSTANT                                                                   |
|      |    | = height, specific enthalpy, ...                                                  |
|      |    | • simply a mathematical italic h; this character's name results from legacy usage |
|      |    | ≈ <font> 0068 h latin small letter h                                              |
| 210F | ℏ  | PLANCK CONSTANT OVER TWO PI                                                       |
|      |    | = reduced Planck constant, Dirac constant                                         |
|      |    | ≈ 045B ℏ cyrillic small letter tshe                                               |
|      |    | ≈ <font> 0127 h latin small letter h with stroke                                  |
| 2110 | ℐ  | SCRIPT CAPITAL I                                                                  |
|      |    | ~ 2110 FE00 ℐ chancery style                                                      |
|      |    | ~ 2110 FE01 ℐ roundhand style                                                     |
|      |    | ≈ <font> 0049 I latin capital letter i                                            |
| 2111 | ℐ  | BLACK-LETTER CAPITAL I                                                            |
|      |    | = imaginary part                                                                  |
|      |    | ≈ <font> 0049 I latin capital letter i                                            |
| 2112 | ℒ  | SCRIPT CAPITAL L                                                                  |
|      |    | = Laplace transform                                                               |
|      |    | ~ 2112 FE00 ℒ chancery style                                                      |
|      |    | ~ 2112 FE01 ℒ roundhand style                                                     |
|      |    | ≈ <font> 004C L latin capital letter l                                            |

|      |     |                                                                                                              |
|------|-----|--------------------------------------------------------------------------------------------------------------|
| 2113 | ℓ   | SCRIPT SMALL L                                                                                               |
|      |     | = mathematical symbol 'ell'                                                                                  |
|      |     | = liter (traditional symbol)                                                                                 |
|      |     | • despite its character name, this symbol is derived from a special italicized version of the small letter l |
|      |     | • the SI recommended symbol for liter is 006C l or 004C L                                                    |
|      |     | → 1D4C1 ℓ mathematical script small l                                                                        |
|      |     | ≈ <font> 006C l latin small letter l                                                                         |
| 2114 | £   | L B BAR SYMBOL                                                                                               |
|      |     | = pounds                                                                                                     |
|      |     | → 0023 # number sign                                                                                         |
| 2115 | ℕ   | DOUBLE-STRUCK CAPITAL N                                                                                      |
|      |     | = natural number                                                                                             |
|      |     | • a glyph variant with doubled vertical strokes exists                                                       |
|      |     | ≈ <font> 004E N latin capital letter n                                                                       |
| 2116 | №   | NUMERO SIGN                                                                                                  |
|      |     | → 0023 # number sign                                                                                         |
|      |     | → 00BA № masculine ordinal indicator                                                                         |
|      |     | ≈ 004E N 006F o                                                                                              |
| 2117 | ©   | SOUND RECORDING COPYRIGHT                                                                                    |
|      |     | = published                                                                                                  |
|      |     | = phonorecord sign                                                                                           |
|      |     | → 00A9 © copyright sign                                                                                      |
|      |     | → 24C5 © circled latin capital letter p                                                                      |
| 2118 | ℙ   | SCRIPT CAPITAL P                                                                                             |
|      |     | • WEIERSTRASS ELLIPTIC FUNCTION                                                                              |
|      |     | • actually this has the form of a lowercase calligraphic p, despite its name                                 |
| 2119 | ℙ   | DOUBLE-STRUCK CAPITAL P                                                                                      |
|      |     | ≈ <font> 0050 P latin capital letter p                                                                       |
| 211A | ℚ   | DOUBLE-STRUCK CAPITAL Q                                                                                      |
|      |     | = the set of rational numbers                                                                                |
|      |     | ≈ <font> 0051 Q latin capital letter q                                                                       |
| 211B | ℞   | SCRIPT CAPITAL R                                                                                             |
|      |     | = Riemann Integral                                                                                           |
|      |     | ~ 211B FE00 ℞ chancery style                                                                                 |
|      |     | ~ 211B FE01 ℞ roundhand style                                                                                |
|      |     | ≈ <font> 0052 R latin capital letter r                                                                       |
| 211C | ℞   | BLACK-LETTER CAPITAL R                                                                                       |
|      |     | = real part                                                                                                  |
|      |     | ≈ <font> 0052 R latin capital letter r                                                                       |
| 211D | ℞   | DOUBLE-STRUCK CAPITAL R                                                                                      |
|      |     | = the set of real numbers                                                                                    |
|      |     | ≈ <font> 0052 R latin capital letter r                                                                       |
| 211E | ℞   | PRESCRIPTION TAKE                                                                                            |
|      |     | = recipe                                                                                                     |
|      |     | = cross ratio                                                                                                |
| 211F | ℞   | RESPONSE                                                                                                     |
| 2120 | SM  | SERVICE MARK                                                                                                 |
|      |     | ≈ <sup> 0053 S 004D M                                                                                        |
| 2121 | TEL | TELEPHONE SIGN                                                                                               |
|      |     | • typical forms for this symbol may use lowercase, small caps or superscripted letter shapes                 |
|      |     | → 260E ☎ black telephone                                                                                     |
|      |     | → 2706 ☎ telephone location sign                                                                             |
|      |     | → 1F4DE ☎ telephone receiver                                                                                 |
|      |     | ≈ 0054 T 0045 E 004C L                                                                                       |
| 2122 | TM  | TRADE MARK SIGN                                                                                              |
|      |     | → 1F12E ™ circled wz                                                                                         |
|      |     | ≈ <sup> 0054 T 004D M                                                                                        |
| 2123 | ℣   | VERSICLE                                                                                                     |

- 2124  $\mathbb{Z}$  **DOUBLE-STRUCK CAPITAL Z**  
= the set of integers  
≈ <font> 005A **Z** latin capital letter z
- 2125  $\text{‡}$  **OUNCE SIGN**  
→ 0292  $\text{‡}$  latin small letter ezh  
→ 1F773  $\text{‡}$  alchemical symbol for half ounce
- 2126  $\Omega$  **OHM SIGN**  
• SI unit of resistance, named after G. S. Ohm, German physicist  
• preferred representation is 03A9  $\Omega$   
→ 260A  $\Omega$  ascending node  
≡ 03A9  $\Omega$  greek capital letter omega
- 2127  $\text{‡}$  **INVERTED OHM SIGN**  
= mho  
• archaic unit of conductance (= the SI unit siemens)  
• typographically a turned greek capital letter omega  
→ 01B1  $\text{‡}$  latin capital letter upsilon  
→ 03A9  $\Omega$  greek capital letter omega  
→ 260B  $\text{‡}$  descending node
- 2128  $\text{‡}$  **BLACK-LETTER CAPITAL Z**  
≈ <font> 005A **Z** latin capital letter z
- 2129  $\text{‡}$  **TURNED GREEK SMALL LETTER IOTA**  
• unique element fulfilling a description (logic)  
→ 03B9  $\text{‡}$  greek small letter iota
- 212A **K** **KELVIN SIGN**  
≡ 004B **K** latin capital letter k
- 212B  $\text{Å}$  **ANGSTROM SIGN**  
• non SI length unit (=0.1 nm) named after A. J. Ångström, Swedish physicist  
• preferred representation is 00C5  $\text{Å}$   
≡ 00C5  $\text{Å}$  latin capital letter a with ring above
- 212C  $\text{‡}$  **SCRIPT CAPITAL B**  
= Bernoulli function  
~ 212C FE00  $\text{‡}$  chancery style  
~ 212C FE01  $\text{‡}$  roundhand style  
≈ <font> 0042 **B** latin capital letter b
- 212D  $\text{‡}$  **BLACK-LETTER CAPITAL C**  
≈ <font> 0043 **C** latin capital letter c
- 212E  $\text{‡}$  **ESTIMATED SYMBOL**  
• used in European packaging  
→ 0065  $\text{‡}$  latin small letter e
- 212F  $\text{‡}$  **SCRIPT SMALL E**  
= error  
= natural exponent  
≈ <font> 0065  $\text{‡}$  latin small letter e
- 2130  $\text{‡}$  **SCRIPT CAPITAL E**  
= emf (electromotive force)  
~ 2130 FE00  $\text{‡}$  chancery style  
~ 2130 FE01  $\text{‡}$  roundhand style  
≈ <font> 0045 **E** latin capital letter e
- 2131  $\text{‡}$  **SCRIPT CAPITAL F**  
= Fourier transform  
~ 2131 FE00  $\text{‡}$  chancery style  
~ 2131 FE01  $\text{‡}$  roundhand style  
≈ <font> 0046 **F** latin capital letter f
- 2132  $\text{‡}$  **TURNED CAPITAL F**  
= Claudian digamma inversum  
• lowercase is 214E  $\text{‡}$   
→ 0046 **F** latin capital letter f  
→ 03DC **F** greek letter digamma

- 2133  $\text{‡}$  **SCRIPT CAPITAL M**  
= M-matrix (physics)  
= German Mark currency symbol, before WWII  
• when used for the Mark symbol, the range of glyph variation is restricted  
→ 20BB  $\text{‡}$  nordic mark sign  
~ 2133 FE00  $\text{‡}$  chancery style  
~ 2133 FE01  $\text{‡}$  roundhand style  
≈ <font> 004D **M** latin capital letter m

- 2134  $\text{‡}$  **SCRIPT SMALL O**  
= order, of inferior order to  
≈ <font> 006F  $\text{‡}$  latin small letter o

**Hebrew letterlike math symbols***These are left-to-right characters.*

- 2135  $\text{‡}$  **ALEF SYMBOL**  
= first transfinite cardinal (countable)  
≈ 05D0  $\text{‡}$  hebrew letter alef
- 2136  $\text{‡}$  **BET SYMBOL**  
= second transfinite cardinal (the continuum)  
≈ 05D1  $\text{‡}$  hebrew letter bet
- 2137  $\text{‡}$  **GIMEL SYMBOL**  
= third transfinite cardinal (functions of a real variable)  
≈ 05D2  $\text{‡}$  hebrew letter gimel
- 2138  $\text{‡}$  **DALET SYMBOL**  
= fourth transfinite cardinal  
≈ 05D3  $\text{‡}$  hebrew letter dalet

**Additional letterlike symbols**

- 2139  $\text{‡}$  **INFORMATION SOURCE**  
• intended for use with 20DD ©  
→ 1F6C8  $\text{‡}$  circled information source  
≈ <font> 0069  $\text{‡}$  latin small letter i
- 213A  $\text{‡}$  **ROTATED CAPITAL Q**  
• a binding signature mark
- 213B  $\text{‡}$  **FACSIMILE SIGN**  
• typical forms for this symbol may use lowercase, small caps or superscripted letter shapes  
→ 2121  $\text{‡}$  telephone sign  
→ 1F4E0  $\text{‡}$  fax machine  
≈ 0046 **F** 0041 **A** 0058 **X**
- 213C  $\text{‡}$  **DOUBLE-STRUCK SMALL PI**  
≈ <font> 03C0  $\text{‡}$  greek small letter pi
- 213D  $\text{‡}$  **DOUBLE-STRUCK SMALL GAMMA**  
≈ <font> 03B3  $\text{‡}$  greek small letter gamma
- 213E  $\text{‡}$  **DOUBLE-STRUCK CAPITAL GAMMA**  
≈ <font> 0393  $\text{‡}$  greek capital letter gamma
- 213F  $\text{‡}$  **DOUBLE-STRUCK CAPITAL PI**  
≈ <font> 03A0  $\text{‡}$  greek capital letter pi

**Double-struck large operator**

- 2140  $\text{‡}$  **DOUBLE-STRUCK N-ARY SUMMATION**  
≈ <font> 2211  $\text{‡}$  n-ary summation

**Additional letterlike symbols**

- 2141  $\text{‡}$  **TURNED SANS-SERIF CAPITAL G**  
= game  
→ A4E8  $\text{‡}$  lisu letter hha
- 2142  $\text{‡}$  **TURNED SANS-SERIF CAPITAL L**  
→ A4F6  $\text{‡}$  lisu letter uh
- 2143  $\text{‡}$  **REVERSED SANS-SERIF CAPITAL L**
- 2144  $\text{‡}$  **TURNED SANS-SERIF CAPITAL Y**  
→ 11FB0  $\text{‡}$  lisu letter yha

**Double-struck italic math symbols**

*These stylized mathematical symbols are used in some documents to distinguish special mathematical usages from ordinary variables.*

- 2145  $\mathbb{D}$  DOUBLE-STRUCK ITALIC CAPITAL D  
 • sometimes used for the differential  
 $\approx$  <font> 0044  $\mathbb{D}$  latin capital letter d
- 2146  $\mathbb{d}$  DOUBLE-STRUCK ITALIC SMALL D  
 • sometimes used for the differential  
 $\approx$  <font> 0064  $\mathbb{d}$  latin small letter d
- 2147  $\mathbb{e}$  DOUBLE-STRUCK ITALIC SMALL E  
 • sometimes used for the natural exponent  
 $\approx$  <font> 0065  $\mathbb{e}$  latin small letter e
- 2148  $\mathbb{i}$  DOUBLE-STRUCK ITALIC SMALL I  
 • sometimes used for the imaginary unit  
 $\approx$  <font> 0069  $\mathbb{i}$  latin small letter i
- 2149  $\mathbb{j}$  DOUBLE-STRUCK ITALIC SMALL J  
 • sometimes used for the imaginary unit  
 $\approx$  <font> 006A  $\mathbb{j}$  latin small letter j

**Additional letterlike symbols**

- 214A  $\mathfrak{P}$  PROPERTY LINE
- 214B  $\mathfrak{A}$  TURNED AMPERSAND  
 • used in linear logic  
 $\rightarrow$  0026  $\&$  ampersand
- 214C  $\mathfrak{P}$  PER SIGN  
 • abbreviates the word 'per'
- 214D  $\mathfrak{A}$  AKTIESELSKAB  
 $\rightarrow$  2101  $\mathfrak{A}$  addressed to the subject

**Lowercase Claudian letter**

*Claudian letters in inscriptions are uppercase, but may be transcribed by scholars in lowercase.*

- 214E  $\mathfrak{f}$  TURNED SMALL F  
 • uppercase is 2132  $\mathfrak{F}$   
 $\rightarrow$  03DD  $\mathfrak{F}$  greek small letter digamma

**Biblical editorial symbol**

- 214F  $\mathfrak{S}$  SYMBOL FOR SAMARITAN SOURCE

| Standardized Variation Sequences |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 210B                             | <div>SCRIPT CAPITAL H</div> <div>210B</div> <div>chancery style</div> <div>210B FE00</div> <div>roundhand style</div> <div>210B FE01</div> |
| 2110                             | <div>SCRIPT CAPITAL I</div> <div>2110</div> <div>chancery style</div> <div>2110 FE00</div> <div>roundhand style</div> <div>2110 FE01</div> |
| 2112                             | <div>SCRIPT CAPITAL L</div> <div>2112</div> <div>chancery style</div> <div>2112 FE00</div> <div>roundhand style</div> <div>2112 FE01</div> |
| 211B                             | <div>SCRIPT CAPITAL R</div> <div>211B</div> <div>chancery style</div> <div>211B FE00</div> <div>roundhand style</div> <div>211B FE01</div> |
| 212C                             | <div>SCRIPT CAPITAL B</div> <div>212C</div> <div>chancery style</div> <div>212C FE00</div> <div>roundhand style</div> <div>212C FE01</div> |
| 2130                             | <div>SCRIPT CAPITAL E</div> <div>2130</div> <div>chancery style</div> <div>2130 FE00</div> <div>roundhand style</div> <div>2130 FE01</div> |
| 2131                             | <div>SCRIPT CAPITAL F</div> <div>2131</div> <div>chancery style</div> <div>2131 FE00</div> <div>roundhand style</div> <div>2131 FE01</div> |
| 2133                             | <div>SCRIPT CAPITAL M</div> <div>2133</div> <div>chancery style</div> <div>2133 FE00</div> <div>roundhand style</div> <div>2133 FE01</div> |

|   | 244                                                                                         | 245 |
|---|---------------------------------------------------------------------------------------------|-----|
| 0 | <br>2440   |     |
| 1 | <br>2441   |     |
| 2 | <br>2442   |     |
| 3 | <br>2443   |     |
| 4 | <br>2444   |     |
| 5 | <br>2445   |     |
| 6 | <br>2446  |     |
| 7 | <br>2447 |     |
| 8 | <br>2448 |     |
| 9 | <br>2449 |     |
| A | <br>244A |     |
| B |                                                                                             |     |
| C |                                                                                             |     |
| D |                                                                                             |     |
| E |                                                                                             |     |
| F |                                                                                             |     |

#### OCR-A

- 2440  OCR HOOK  
 2441  OCR CHAIR  
 2442  OCR FORK  
 2443  OCR INVERTED FORK  
 2444  OCR BELT BUCKLE  
 2445  OCR BOW TIE  
 = unique asterisk  
 → 22C8  bowtie

#### MICR

*These magnetic ink character recognition symbols are used on checks. They are derived from the E-13B font and are standardized in ISO 1004:1995. The Unicode character names include several misnomers.*

- 2446  OCR BRANCH BANK IDENTIFICATION  
 = transit  
 2447  OCR AMOUNT OF CHECK  
 = amount  
 2448  OCR DASH  
 × MICR ON US SYMBOL  
 = on us  
 2449  OCR CUSTOMER ACCOUNT NUMBER  
 × MICR DASH SYMBOL  
 = dash

#### OCR

- 244A  OCR DOUBLE BACKSLASH

|   | 246       | 247       | 248       | 249         | 24A         | 24B         | 24C       | 24D       | 24E       | 24F       |
|---|-----------|-----------|-----------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|
| 0 | ①<br>2460 | ⑰<br>2470 | ⑬<br>2480 | 9.<br>2490  | (e)<br>24A0 | (u)<br>24B0 | Ⓚ<br>24C0 | ⓐ<br>24D0 | Ⓠ<br>24E0 | ⑯<br>24F0 |
| 1 | ②<br>2461 | ⑱<br>2471 | ⑭<br>2481 | 10.<br>2491 | (f)<br>24A1 | (v)<br>24B1 | Ⓛ<br>24C1 | ⓑ<br>24D1 | Ⓡ<br>24E1 | ⑰<br>24F1 |
| 2 | ③<br>2462 | ⑲<br>2472 | ⑮<br>2482 | 11.<br>2492 | (g)<br>24A2 | (w)<br>24B2 | Ⓜ<br>24C2 | ⓒ<br>24D2 | Ⓢ<br>24E2 | ⑱<br>24F2 |
| 3 | ④<br>2463 | ⑳<br>2473 | ⑯<br>2483 | 12.<br>2493 | (h)<br>24A3 | (x)<br>24B3 | Ⓝ<br>24C3 | ⓓ<br>24D3 | Ⓣ<br>24E3 | ⑲<br>24F3 |
| 4 | ⑤<br>2464 | ①<br>2474 | ⑰<br>2484 | 13.<br>2494 | (i)<br>24A4 | (y)<br>24B4 | Ⓞ<br>24C4 | ⓔ<br>24D4 | Ⓤ<br>24E4 | ⑳<br>24F4 |
| 5 | ⑥<br>2465 | ②<br>2475 | ⑱<br>2485 | 14.<br>2495 | (j)<br>24A5 | (z)<br>24B5 | Ⓟ<br>24C5 | ⓕ<br>24D5 | Ⓡ<br>24E5 | ①<br>24F5 |
| 6 | ⑦<br>2466 | ③<br>2476 | ⑲<br>2486 | 15.<br>2496 | (k)<br>24A6 | Ⓐ<br>24B6   | Ⓠ<br>24C6 | ⓖ<br>24D6 | Ⓦ<br>24E6 | ②<br>24F6 |
| 7 | ⑧<br>2467 | ④<br>2477 | ⑳<br>2487 | 16.<br>2497 | (l)<br>24A7 | Ⓑ<br>24B7   | Ⓡ<br>24C7 | ⓗ<br>24D7 | Ⓧ<br>24E7 | ③<br>24F7 |
| 8 | ⑨<br>2468 | ⑤<br>2478 | ①<br>2488 | 17.<br>2498 | (m)<br>24A8 | Ⓒ<br>24B8   | Ⓢ<br>24C8 | ⓲<br>24D8 | Ⓨ<br>24E8 | ④<br>24F8 |
| 9 | ⑩<br>2469 | ⑥<br>2479 | ②<br>2489 | 18.<br>2499 | (n)<br>24A9 | Ⓓ<br>24B9   | Ⓣ<br>24C9 | ⓳<br>24D9 | Ⓩ<br>24E9 | ⑤<br>24F9 |
| A | ⑪<br>246A | ⑦<br>247A | ③<br>248A | 19.<br>249A | (o)<br>24AA | Ⓔ<br>24BA   | Ⓤ<br>24CA | Ⓚ<br>24DA | Ⓞ<br>24EA | ⑥<br>24FA |
| B | ⑫<br>246B | ⑧<br>247B | ④<br>248B | 20.<br>249B | (p)<br>24AB | Ⓕ<br>24BB   | Ⓡ<br>24CB | Ⓛ<br>24DB | ⑪<br>24EB | ⑦<br>24FB |
| C | ⑬<br>246C | ⑨<br>247C | ⑤<br>248C | (a)<br>249C | (q)<br>24AC | Ⓖ<br>24BC   | Ⓦ<br>24CC | Ⓜ<br>24DC | ⑫<br>24EC | ⑧<br>24FC |
| D | ⑭<br>246D | ⑩<br>247D | ⑥<br>248D | (b)<br>249D | (r)<br>24AD | Ⓗ<br>24BD   | Ⓧ<br>24CD | Ⓝ<br>24DD | ⑬<br>24ED | ⑨<br>24FD |
| E | ⑮<br>246E | ⑪<br>247E | ⑦<br>248E | (c)<br>249E | (s)<br>24AE | Ⓘ<br>24BE   | Ⓨ<br>24CE | Ⓞ<br>24DE | ⑭<br>24EE | ⑩<br>24FE |
| F | ⑯<br>246F | ⑫<br>247F | ⑧<br>248F | (d)<br>249F | (t)<br>24AF | Ⓙ<br>24BF   | Ⓩ<br>24CF | Ⓟ<br>24DF | ⑮<br>24EF | ⑰<br>24FF |

**Circled numbers**

|      |   |                                                      |
|------|---|------------------------------------------------------|
| 2460 | ① | CIRCLED DIGIT ONE<br>≈ <circle> 0031 1               |
| 2461 | ② | CIRCLED DIGIT TWO<br>≈ <circle> 0032 2               |
| 2462 | ③ | CIRCLED DIGIT THREE<br>≈ <circle> 0033 3             |
| 2463 | ④ | CIRCLED DIGIT FOUR<br>≈ <circle> 0034 4              |
| 2464 | ⑤ | CIRCLED DIGIT FIVE<br>≈ <circle> 0035 5              |
| 2465 | ⑥ | CIRCLED DIGIT SIX<br>≈ <circle> 0036 6               |
| 2466 | ⑦ | CIRCLED DIGIT SEVEN<br>≈ <circle> 0037 7             |
| 2467 | ⑧ | CIRCLED DIGIT EIGHT<br>≈ <circle> 0038 8             |
| 2468 | ⑨ | CIRCLED DIGIT NINE<br>≈ <circle> 0039 9              |
| 2469 | ⑩ | CIRCLED NUMBER TEN<br>≈ <circle> 0031 1 0030 0       |
| 246A | ⑪ | CIRCLED NUMBER ELEVEN<br>≈ <circle> 0031 1 0031 1    |
| 246B | ⑫ | CIRCLED NUMBER TWELVE<br>≈ <circle> 0031 1 0032 2    |
| 246C | ⑬ | CIRCLED NUMBER THIRTEEN<br>≈ <circle> 0031 1 0033 3  |
| 246D | ⑭ | CIRCLED NUMBER FOURTEEN<br>≈ <circle> 0031 1 0034 4  |
| 246E | ⑮ | CIRCLED NUMBER FIFTEEN<br>≈ <circle> 0031 1 0035 5   |
| 246F | ⑯ | CIRCLED NUMBER SIXTEEN<br>≈ <circle> 0031 1 0036 6   |
| 2470 | ⑰ | CIRCLED NUMBER SEVENTEEN<br>≈ <circle> 0031 1 0037 7 |
| 2471 | ⑱ | CIRCLED NUMBER EIGHTEEN<br>≈ <circle> 0031 1 0038 8  |
| 2472 | ⑲ | CIRCLED NUMBER NINETEEN<br>≈ <circle> 0031 1 0039 9  |
| 2473 | ⑳ | CIRCLED NUMBER TWENTY<br>≈ <circle> 0032 2 0030 0    |

**Parenthesized numbers**

|      |      |                                                           |
|------|------|-----------------------------------------------------------|
| 2474 | (1)  | PARENTHESIZED DIGIT ONE<br>≈ 0028 ( 0031 1 0029 )         |
| 2475 | (2)  | PARENTHESIZED DIGIT TWO<br>≈ 0028 ( 0032 2 0029 )         |
| 2476 | (3)  | PARENTHESIZED DIGIT THREE<br>≈ 0028 ( 0033 3 0029 )       |
| 2477 | (4)  | PARENTHESIZED DIGIT FOUR<br>≈ 0028 ( 0034 4 0029 )        |
| 2478 | (5)  | PARENTHESIZED DIGIT FIVE<br>≈ 0028 ( 0035 5 0029 )        |
| 2479 | (6)  | PARENTHESIZED DIGIT SIX<br>≈ 0028 ( 0036 6 0029 )         |
| 247A | (7)  | PARENTHESIZED DIGIT SEVEN<br>≈ 0028 ( 0037 7 0029 )       |
| 247B | (8)  | PARENTHESIZED DIGIT EIGHT<br>≈ 0028 ( 0038 8 0029 )       |
| 247C | (9)  | PARENTHESIZED DIGIT NINE<br>≈ 0028 ( 0039 9 0029 )        |
| 247D | (10) | PARENTHESIZED NUMBER TEN<br>≈ 0028 ( 0031 1 0030 0 0029 ) |

|      |      |                                                                 |
|------|------|-----------------------------------------------------------------|
| 247E | (11) | PARENTHESIZED NUMBER ELEVEN<br>≈ 0028 ( 0031 1 0031 1 0029 )    |
| 247F | (12) | PARENTHESIZED NUMBER TWELVE<br>≈ 0028 ( 0031 1 0032 2 0029 )    |
| 2480 | (13) | PARENTHESIZED NUMBER THIRTEEN<br>≈ 0028 ( 0031 1 0033 3 0029 )  |
| 2481 | (14) | PARENTHESIZED NUMBER FOURTEEN<br>≈ 0028 ( 0031 1 0034 4 0029 )  |
| 2482 | (15) | PARENTHESIZED NUMBER FIFTEEN<br>≈ 0028 ( 0031 1 0035 5 0029 )   |
| 2483 | (16) | PARENTHESIZED NUMBER SIXTEEN<br>≈ 0028 ( 0031 1 0036 6 0029 )   |
| 2484 | (17) | PARENTHESIZED NUMBER SEVENTEEN<br>≈ 0028 ( 0031 1 0037 7 0029 ) |
| 2485 | (18) | PARENTHESIZED NUMBER EIGHTEEN<br>≈ 0028 ( 0031 1 0038 8 0029 )  |
| 2486 | (19) | PARENTHESIZED NUMBER NINETEEN<br>≈ 0028 ( 0031 1 0039 9 0029 )  |
| 2487 | (20) | PARENTHESIZED NUMBER TWENTY<br>≈ 0028 ( 0032 2 0030 0 0029 )    |

**Numbers period**

See also similar symbols starting at 1F100.

|      |     |                                                      |
|------|-----|------------------------------------------------------|
| 2488 | 1.  | DIGIT ONE FULL STOP<br>≈ 0031 1 002E .               |
| 2489 | 2.  | DIGIT TWO FULL STOP<br>≈ 0032 2 002E .               |
| 248A | 3.  | DIGIT THREE FULL STOP<br>≈ 0033 3 002E .             |
| 248B | 4.  | DIGIT FOUR FULL STOP<br>≈ 0034 4 002E .              |
| 248C | 5.  | DIGIT FIVE FULL STOP<br>≈ 0035 5 002E .              |
| 248D | 6.  | DIGIT SIX FULL STOP<br>≈ 0036 6 002E .               |
| 248E | 7.  | DIGIT SEVEN FULL STOP<br>≈ 0037 7 002E .             |
| 248F | 8.  | DIGIT EIGHT FULL STOP<br>≈ 0038 8 002E .             |
| 2490 | 9.  | DIGIT NINE FULL STOP<br>≈ 0039 9 002E .              |
| 2491 | 10. | NUMBER TEN FULL STOP<br>≈ 0031 1 0030 0 002E .       |
| 2492 | 11. | NUMBER ELEVEN FULL STOP<br>≈ 0031 1 0031 1 002E .    |
| 2493 | 12. | NUMBER TWELVE FULL STOP<br>≈ 0031 1 0032 2 002E .    |
| 2494 | 13. | NUMBER THIRTEEN FULL STOP<br>≈ 0031 1 0033 3 002E .  |
| 2495 | 14. | NUMBER FOURTEEN FULL STOP<br>≈ 0031 1 0034 4 002E .  |
| 2496 | 15. | NUMBER FIFTEEN FULL STOP<br>≈ 0031 1 0035 5 002E .   |
| 2497 | 16. | NUMBER SIXTEEN FULL STOP<br>≈ 0031 1 0036 6 002E .   |
| 2498 | 17. | NUMBER SEVENTEEN FULL STOP<br>≈ 0031 1 0037 7 002E . |
| 2499 | 18. | NUMBER EIGHTEEN FULL STOP<br>≈ 0031 1 0038 8 002E .  |
| 249A | 19. | NUMBER NINETEEN FULL STOP<br>≈ 0031 1 0039 9 002E .  |
| 249B | 20. | NUMBER TWENTY FULL STOP<br>≈ 0032 2 0030 0 002E .    |



**Parenthesized Latin letters**

See also the uppercase set starting at 1F100. Parenthesized Latin letters do not have case mappings.

|      |     |                                                              |
|------|-----|--------------------------------------------------------------|
| 249C | (a) | PARENTHESIZED LATIN SMALL LETTER A<br>≈ 0028 ( 0061 a 0029 ) |
| 249D | (b) | PARENTHESIZED LATIN SMALL LETTER B<br>≈ 0028 ( 0062 b 0029 ) |
| 249E | (c) | PARENTHESIZED LATIN SMALL LETTER C<br>≈ 0028 ( 0063 c 0029 ) |
| 249F | (d) | PARENTHESIZED LATIN SMALL LETTER D<br>≈ 0028 ( 0064 d 0029 ) |
| 24A0 | (e) | PARENTHESIZED LATIN SMALL LETTER E<br>≈ 0028 ( 0065 e 0029 ) |
| 24A1 | (f) | PARENTHESIZED LATIN SMALL LETTER F<br>≈ 0028 ( 0066 f 0029 ) |
| 24A2 | (g) | PARENTHESIZED LATIN SMALL LETTER G<br>≈ 0028 ( 0067 g 0029 ) |
| 24A3 | (h) | PARENTHESIZED LATIN SMALL LETTER H<br>≈ 0028 ( 0068 h 0029 ) |
| 24A4 | (i) | PARENTHESIZED LATIN SMALL LETTER I<br>≈ 0028 ( 0069 i 0029 ) |
| 24A5 | (j) | PARENTHESIZED LATIN SMALL LETTER J<br>≈ 0028 ( 006A j 0029 ) |
| 24A6 | (k) | PARENTHESIZED LATIN SMALL LETTER K<br>≈ 0028 ( 006B k 0029 ) |
| 24A7 | (l) | PARENTHESIZED LATIN SMALL LETTER L<br>≈ 0028 ( 006C l 0029 ) |
| 24A8 | (m) | PARENTHESIZED LATIN SMALL LETTER M<br>≈ 0028 ( 006D m 0029 ) |
| 24A9 | (n) | PARENTHESIZED LATIN SMALL LETTER N<br>≈ 0028 ( 006E n 0029 ) |
| 24AA | (o) | PARENTHESIZED LATIN SMALL LETTER O<br>≈ 0028 ( 006F o 0029 ) |
| 24AB | (p) | PARENTHESIZED LATIN SMALL LETTER P<br>≈ 0028 ( 0070 p 0029 ) |
| 24AC | (q) | PARENTHESIZED LATIN SMALL LETTER Q<br>≈ 0028 ( 0071 q 0029 ) |
| 24AD | (r) | PARENTHESIZED LATIN SMALL LETTER R<br>≈ 0028 ( 0072 r 0029 ) |
| 24AE | (s) | PARENTHESIZED LATIN SMALL LETTER S<br>≈ 0028 ( 0073 s 0029 ) |
| 24AF | (t) | PARENTHESIZED LATIN SMALL LETTER T<br>≈ 0028 ( 0074 t 0029 ) |
| 24B0 | (u) | PARENTHESIZED LATIN SMALL LETTER U<br>≈ 0028 ( 0075 u 0029 ) |
| 24B1 | (v) | PARENTHESIZED LATIN SMALL LETTER V<br>≈ 0028 ( 0076 v 0029 ) |
| 24B2 | (w) | PARENTHESIZED LATIN SMALL LETTER W<br>≈ 0028 ( 0077 w 0029 ) |
| 24B3 | (x) | PARENTHESIZED LATIN SMALL LETTER X<br>≈ 0028 ( 0078 x 0029 ) |
| 24B4 | (y) | PARENTHESIZED LATIN SMALL LETTER Y<br>≈ 0028 ( 0079 y 0029 ) |
| 24B5 | (z) | PARENTHESIZED LATIN SMALL LETTER Z<br>≈ 0028 ( 007A z 0029 ) |

**Circled Latin letters**

|      |     |                                                     |
|------|-----|-----------------------------------------------------|
| 24B6 | (A) | CIRCLED LATIN CAPITAL LETTER A<br>≈ <circle> 0041 A |
| 24B7 | (B) | CIRCLED LATIN CAPITAL LETTER B<br>≈ <circle> 0042 B |

|      |     |                                                                                           |
|------|-----|-------------------------------------------------------------------------------------------|
| 24B8 | (C) | CIRCLED LATIN CAPITAL LETTER C<br>→ 00A9 © copyright sign<br>≈ <circle> 0043 C            |
| 24B9 | (D) | CIRCLED LATIN CAPITAL LETTER D<br>≈ <circle> 0044 D                                       |
| 24BA | (E) | CIRCLED LATIN CAPITAL LETTER E<br>≈ <circle> 0045 E                                       |
| 24BB | (F) | CIRCLED LATIN CAPITAL LETTER F<br>≈ <circle> 0046 F                                       |
| 24BC | (G) | CIRCLED LATIN CAPITAL LETTER G<br>≈ <circle> 0047 G                                       |
| 24BD | (H) | CIRCLED LATIN CAPITAL LETTER H<br>≈ <circle> 0048 H                                       |
| 24BE | (I) | CIRCLED LATIN CAPITAL LETTER I<br>≈ <circle> 0049 I                                       |
| 24BF | (J) | CIRCLED LATIN CAPITAL LETTER J<br>≈ <circle> 004A J                                       |
| 24C0 | (K) | CIRCLED LATIN CAPITAL LETTER K<br>≈ <circle> 004B K                                       |
| 24C1 | (L) | CIRCLED LATIN CAPITAL LETTER L<br>≈ <circle> 004C L                                       |
| 24C2 | (M) | CIRCLED LATIN CAPITAL LETTER M<br>→ 1F1AD (M) mask work symbol<br>≈ <circle> 004D M       |
| 24C3 | (N) | CIRCLED LATIN CAPITAL LETTER N<br>≈ <circle> 004E N                                       |
| 24C4 | (O) | CIRCLED LATIN CAPITAL LETTER O<br>≈ <circle> 004F O                                       |
| 24C5 | (P) | CIRCLED LATIN CAPITAL LETTER P<br>→ 2117 ® sound recording copyright<br>≈ <circle> 0050 P |
| 24C6 | (Q) | CIRCLED LATIN CAPITAL LETTER Q<br>≈ <circle> 0051 Q                                       |
| 24C7 | (R) | CIRCLED LATIN CAPITAL LETTER R<br>→ 00AE ® registered sign<br>≈ <circle> 0052 R           |
| 24C8 | (S) | CIRCLED LATIN CAPITAL LETTER S<br>≈ <circle> 0053 S                                       |
| 24C9 | (T) | CIRCLED LATIN CAPITAL LETTER T<br>≈ <circle> 0054 T                                       |
| 24CA | (U) | CIRCLED LATIN CAPITAL LETTER U<br>≈ <circle> 0055 U                                       |
| 24CB | (V) | CIRCLED LATIN CAPITAL LETTER V<br>≈ <circle> 0056 V                                       |
| 24CC | (W) | CIRCLED LATIN CAPITAL LETTER W<br>≈ <circle> 0057 W                                       |
| 24CD | (X) | CIRCLED LATIN CAPITAL LETTER X<br>≈ <circle> 0058 X                                       |
| 24CE | (Y) | CIRCLED LATIN CAPITAL LETTER Y<br>≈ <circle> 0059 Y                                       |
| 24CF | (Z) | CIRCLED LATIN CAPITAL LETTER Z<br>≈ <circle> 005A Z                                       |
| 24D0 | (a) | CIRCLED LATIN SMALL LETTER A<br>≈ <circle> 0061 a                                         |
| 24D1 | (b) | CIRCLED LATIN SMALL LETTER B<br>≈ <circle> 0062 b                                         |
| 24D2 | (c) | CIRCLED LATIN SMALL LETTER C<br>≈ <circle> 0063 c                                         |
| 24D3 | (d) | CIRCLED LATIN SMALL LETTER D<br>≈ <circle> 0064 d                                         |
| 24D4 | (e) | CIRCLED LATIN SMALL LETTER E<br>≈ <circle> 0065 e                                         |



|      |   |                                                   |
|------|---|---------------------------------------------------|
| 24D5 | Ⓕ | CIRCLED LATIN SMALL LETTER F<br>≈ <circle> 0066 f |
| 24D6 | Ⓖ | CIRCLED LATIN SMALL LETTER G<br>≈ <circle> 0067 g |
| 24D7 | Ⓗ | CIRCLED LATIN SMALL LETTER H<br>≈ <circle> 0068 h |
| 24D8 | Ⓐ | CIRCLED LATIN SMALL LETTER I<br>≈ <circle> 0069 i |
| 24D9 | Ⓙ | CIRCLED LATIN SMALL LETTER J<br>≈ <circle> 006A j |
| 24DA | Ⓚ | CIRCLED LATIN SMALL LETTER K<br>≈ <circle> 006B k |
| 24DB | Ⓛ | CIRCLED LATIN SMALL LETTER L<br>≈ <circle> 006C l |
| 24DC | Ⓜ | CIRCLED LATIN SMALL LETTER M<br>≈ <circle> 006D m |
| 24DD | Ⓝ | CIRCLED LATIN SMALL LETTER N<br>≈ <circle> 006E n |
| 24DE | Ⓞ | CIRCLED LATIN SMALL LETTER O<br>≈ <circle> 006F o |
| 24DF | Ⓟ | CIRCLED LATIN SMALL LETTER P<br>≈ <circle> 0070 p |
| 24E0 | Ⓠ | CIRCLED LATIN SMALL LETTER Q<br>≈ <circle> 0071 q |
| 24E1 | Ⓡ | CIRCLED LATIN SMALL LETTER R<br>≈ <circle> 0072 r |
| 24E2 | Ⓢ | CIRCLED LATIN SMALL LETTER S<br>≈ <circle> 0073 s |
| 24E3 | Ⓣ | CIRCLED LATIN SMALL LETTER T<br>≈ <circle> 0074 t |
| 24E4 | Ⓤ | CIRCLED LATIN SMALL LETTER U<br>≈ <circle> 0075 u |
| 24E5 | Ⓥ | CIRCLED LATIN SMALL LETTER V<br>≈ <circle> 0076 v |
| 24E6 | Ⓦ | CIRCLED LATIN SMALL LETTER W<br>≈ <circle> 0077 w |
| 24E7 | Ⓧ | CIRCLED LATIN SMALL LETTER X<br>≈ <circle> 0078 x |
| 24E8 | Ⓨ | CIRCLED LATIN SMALL LETTER Y<br>≈ <circle> 0079 y |
| 24E9 | Ⓩ | CIRCLED LATIN SMALL LETTER Z<br>≈ <circle> 007A z |

**Additional circled number**

|      |   |                                         |
|------|---|-----------------------------------------|
| 24EA | ⓪ | CIRCLED DIGIT ZERO<br>≈ <circle> 0030 0 |
|------|---|-----------------------------------------|

**White on black circled numbers**

|      |   |                                   |
|------|---|-----------------------------------|
| 24EB | ⓫ | NEGATIVE CIRCLED NUMBER ELEVEN    |
| 24EC | ⓬ | NEGATIVE CIRCLED NUMBER TWELVE    |
| 24ED | ⓭ | NEGATIVE CIRCLED NUMBER THIRTEEN  |
| 24EE | ⓮ | NEGATIVE CIRCLED NUMBER FOURTEEN  |
| 24EF | ⓯ | NEGATIVE CIRCLED NUMBER FIFTEEN   |
| 24F0 | ⓰ | NEGATIVE CIRCLED NUMBER SIXTEEN   |
| 24F1 | ⓱ | NEGATIVE CIRCLED NUMBER SEVENTEEN |
| 24F2 | ⓲ | NEGATIVE CIRCLED NUMBER EIGHTEEN  |
| 24F3 | ⓳ | NEGATIVE CIRCLED NUMBER NINETEEN  |
| 24F4 | ⓴ | NEGATIVE CIRCLED NUMBER TWENTY    |

**Double circled numbers**

|      |   |                            |
|------|---|----------------------------|
| 24F5 | Ⓜ | DOUBLE CIRCLED DIGIT ONE   |
| 24F6 | Ⓨ | DOUBLE CIRCLED DIGIT TWO   |
| 24F7 | Ⓩ | DOUBLE CIRCLED DIGIT THREE |
| 24F8 | ⓐ | DOUBLE CIRCLED DIGIT FOUR  |

|      |   |                            |
|------|---|----------------------------|
| 24F9 | Ⓟ | DOUBLE CIRCLED DIGIT FIVE  |
| 24FA | Ⓠ | DOUBLE CIRCLED DIGIT SIX   |
| 24FB | Ⓡ | DOUBLE CIRCLED DIGIT SEVEN |
| 24FC | Ⓢ | DOUBLE CIRCLED DIGIT EIGHT |
| 24FD | Ⓣ | DOUBLE CIRCLED DIGIT NINE  |
| 24FE | Ⓤ | DOUBLE CIRCLED NUMBER TEN  |

**Additional white on black circled number**

|      |   |                                                                            |
|------|---|----------------------------------------------------------------------------|
| 24FF | ⓪ | NEGATIVE CIRCLED DIGIT ZERO<br>→ 2776 ⓪ dingbat negative circled digit one |
|------|---|----------------------------------------------------------------------------|

|   | 270                                                                                      | 271                                                                                      | 272                                                                                      | 273                                                                                      | 274                                                                                      | 275                                                                                      | 276                                                                                      | 277                                                                                       | 278                                                                                        | 279                                                                                        | 27A                                                                                        | 27B                                                                                        |
|---|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0 |  2700   |  2710   |  2720   |  2730   |  2740   |  2750   |  2760   |  2770   |  2780   |  2790   |  27A0   |  27B0   |
| 1 |  2701   |  2711   |  2721   |  2731   |  2741   |  2751   |  2761   |  2771   |  2781   |  2791   |  27A1   |  27B1   |
| 2 |  2702   |  2712   |  2722   |  2732   |  2742   |  2752   |  2762   |  2772   |  2782   |  2792   |  27A2   |  27B2   |
| 3 |  2703   |  2713   |  2723   |  2733   |  2743   |  2753   |  2763   |  2773   |  2783   |  2793   |  27A3   |  27B3   |
| 4 |  2704   |  2714   |  2724   |  2734   |  2744   |  2754   |  2764   |  2774   |  2784   |  2794   |  27A4   |  27B4   |
| 5 |  2705   |  2715   |  2725   |  2735   |  2745   |  2755   |  2765   |  2775   |  2785   |  2795   |  27A5   |  27B5   |
| 6 |  2706  |  2716  |  2726  |  2736  |  2746  |  2756  |  2766  |  2776  |  2786  |  2796  |  27A6  |  27B6  |
| 7 |  2707 |  2717 |  2727 |  2737 |  2747 |  2757 |  2767 |  2777 |  2787 |  2797 |  27A7 |  27B7 |
| 8 |  2708 |  2718 |  2728 |  2738 |  2748 |  2758 |  2768 |  2778 |  2788 |  2798 |  27A8 |  27B8 |
| 9 |  2709 |  2719 |  2729 |  2739 |  2749 |  2759 |  2769 |  2779 |  2789 |  2799 |  27A9 |  27B9 |
| A |  270A |  271A |  272A |  273A |  274A |  275A |  276A |  277A |  278A |  279A |  27AA |  27BA |
| B |  270B |  271B |  272B |  273B |  274B |  275B |  276B |  277B |  278B |  279B |  27AB |  27BB |
| C |  270C |  271C |  272C |  273C |  274C |  275C |  276C |  277C |  278C |  279C |  27AC |  27BC |
| D |  270D |  271D |  272D |  273D |  274D |  275D |  276D |  277D |  278D |  279D |  27AD |  27BD |
| E |  270E |  271E |  272E |  273E |  274E |  275E |  276E |  277E |  278E |  279E |  27AE |  27BE |
| F |  270F |  271F |  272F |  273F |  274F |  275F |  276F |  277F |  278F |  279F |  27AF |  27BF |

ITC Zapf dingbats series 100. Some of the ITC Zapf dingbats have been unified with geometric shape characters. Gaps in the chart have subsequently been filled with other dingbat-like symbols.

- 260E ☎ black telephone
- 261B ➡ black right pointing index
- 261E ↗ white right pointing index
- 2605 ★ black star
- 25CF ● black circle
- 25A0 ■ black square
- 25B2 ▲ black up-pointing triangle
- 25BC ▼ black down-pointing triangle
- 25C6 ◆ black diamond
- 2192 → rightwards arrow
- 2194 ↔ left right arrow
- 2195 ↑ down arrow

#### Miscellaneous

- 2700 ✂ BLACK SAFETY SCISSORS
  - forms a pair with 2704 ✂ white scissors
- 2701 ✂ UPPER BLADE SCISSORS
- 2702 ✂ BLACK SCISSORS
- 2703 ✂ LOWER BLADE SCISSORS
- 2704 ✂ WHITE SCISSORS
- 2705 ✓ WHITE HEAVY CHECK MARK
  - 2714 ✓ heavy check mark
- 2706 ☎ TELEPHONE LOCATION SIGN
  - 2121 ☎ telephone sign
  - 1F4DE ☎ telephone receiver
- 2707 📀 TAPE DRIVE
- 2708 ✈ AIRPLANE
  - 1F6E7 ✈ up-pointing airplane
- 2709 ✉ ENVELOPE
  - = sealed envelope
  - 1F4E8 ✉ incoming envelope
  - 1F582 ✉ back of envelope
- 270A 🖐 RAISED FIST
  - = rock in Rock, Paper, Scissors game
  - 1F44A 🖐 fisted hand sign
- 270B 🖐 RAISED HAND
  - = paper in Rock, Paper, Scissors game
  - 1F44B 🖐 waving hand sign
  - 1F590 🖐 raised hand with fingers splayed
- 270C ✂ VICTORY HAND
  - = scissors in Rock, Paper, Scissors game
  - 1F594 ✂ reversed victory hand
- 270D ✍ WRITING HAND
  - 1F58E ✍ left writing hand
- 270E ✍ LOWER RIGHT PENCIL
  - 1F589 ✍ lower left pencil
- 270F ✍ PENCIL
- 2710 ✍ UPPER RIGHT PENCIL
- 2711 ✍ WHITE NIB
  - 1F58B ✍ lower left fountain pen
- 2712 ✍ BLACK NIB
- 2713 ✓ CHECK MARK
  - 221A ✓ square root
  - 1F5F8 ✓ light check mark
  - 1FBB1 ✓ inverse check mark
- 2714 ✓ HEAVY CHECK MARK

- 2715 ✖ MULTIPLICATION X
  - 00D7 ✖ multiplication sign
  - 2573 ✖ box drawings light diagonal cross
  - 1F7A8 ✖ thin saltire
- 2716 ✖ HEAVY MULTIPLICATION X
  - 1F7AE ✖ extremely heavy saltire
- 2717 ✖ BALLOT X
  - 2613 ✖ saltire
  - 1F5F4 ✖ ballot script x
- 2718 ✖ HEAVY BALLOT X
  - 1F5F6 ✖ ballot bold script x

#### Crosses

- 2719 ☩ OUTLINED GREEK CROSS
- 271A ☩ HEAVY GREEK CROSS
  - 1F7A5 ☩ very bold greek cross
  - 1FBBB ☩ voided greek cross
- 271B ☩ OPEN CENTRE CROSS
- 271C ☩ HEAVY OPEN CENTRE CROSS
- 271D † LATIN CROSS
- 271E ☩ SHADOWED WHITE LATIN CROSS
  - 1F546 ☩ white latin cross
- 271F † OUTLINED LATIN CROSS
- 2720 ✖ MALTESE CROSS
  - historically, the Maltese cross took many forms; the shape shown in the Zapf Dingbats is similar to one known as the Cross Formée
  - 2E50 ✖ cross patty with right crossbar
  - 1F902 ✖ circled cross formée

#### Stars and asterisks

- 2721 ☆ STAR OF DAVID
  - 1F52F ☆ six pointed star with middle dot
- 2722 ✨ FOUR TEARDROP-SPOKED ASTERISK
- 2723 ✨ FOUR BALLOON-SPOKED ASTERISK
- 2724 ✨ HEAVY FOUR BALLOON-SPOKED ASTERISK
- 2725 ✨ FOUR CLUB-SPOKED ASTERISK
- 2726 ◆ BLACK FOUR POINTED STAR
  - 2BCC ◆ light four pointed black cusp
  - 1F7C6 ◆ four pointed black star
- 2727 ✨ WHITE FOUR POINTED STAR
  - 2BCE ✨ white four pointed cusp
- 2728 ✨ SPARKLES
- 2729 ☆ STRESS OUTLINED WHITE STAR
  - 2606 ☆ white star
- 272A ⬠ CIRCLED WHITE STAR
- 272B ☆ OPEN CENTRE BLACK STAR
- 272C ☆ BLACK CENTRE WHITE STAR
- 272D ☆ OUTLINED BLACK STAR
- 272E ☆ HEAVY OUTLINED BLACK STAR
- 272F ☆ PINWHEEL STAR
- 2730 ☆ SHADOWED WHITE STAR
- 2731 ✨ HEAVY ASTERISK
  - 002A ✨ asterisk
  - 1F7B8 ✨ heavy six spoked asterisk
- 2732 ✨ OPEN CENTRE ASTERISK
- 2733 ✨ EIGHT SPOKED ASTERISK
  - 1F7BB ✨ light eight spoked asterisk
- 2734 ✨ EIGHT POINTED BLACK STAR
- 2735 ✨ EIGHT POINTED PINWHEEL STAR
  - 1F7D1 ✨ heavy eight pointed pinwheel star
- 2736 ✨ SIX POINTED BLACK STAR
  - 26B9 ✨ sextile

- 2737 ✱ EIGHT POINTED RECTILINEAR BLACK STAR  
→ 1F7CE ✱ medium eight pointed black star
- 2738 ✱ HEAVY EIGHT POINTED RECTILINEAR BLACK STAR  
→ 1F7CF ✱ heavy eight pointed black star
- 2739 ✱ TWELVE POINTED BLACK STAR
- 273A ✱ SIXTEEN POINTED ASTERISK  
= starburst
- 273B ✱ TEARDROP-SPOKED ASTERISK
- 273C ✱ OPEN CENTRE TEARDROP-SPOKED ASTERISK
- 273D ✱ HEAVY TEARDROP-SPOKED ASTERISK

**Fleurons**

- 273E ✿ SIX PETALLED BLACK AND WHITE FLORETTE
- 273F ✿ BLACK FLORETTE
- 2740 ✿ WHITE FLORETTE  
→ 1F3F5 ✿ rosette  
→ 1F4AE ○ white flower
- 2741 ✿ EIGHT PETALLED OUTLINED BLACK FLORETTE  
→ 1F3F6 ✿ black rosette

**Stars, asterisks and snowflakes**

- 2742 ⬢ CIRCLED OPEN CENTRE EIGHT POINTED STAR
- 2743 ✱ HEAVY TEARDROP-SPOKED PINWHEEL ASTERISK
- 2744 ❄ SNOWFLAKE
- 2745 ✱ TIGHT TRIFOLIATE SNOWFLAKE
- 2746 ❄ HEAVY CHEVRON SNOWFLAKE
- 2747 ✱ SPARKLE
- 2748 ✱ HEAVY SPARKLE
- 2749 ✱ BALLOON-SPOKED ASTERISK  
= jack
- 274A ✱ EIGHT TEARDROP-SPOKED PROPELLER ASTERISK
- 274B ✱ HEAVY EIGHT TEARDROP-SPOKED PROPELLER ASTERISK  
= turbofan

**Miscellaneous**

- 274C ✕ CROSS MARK  
• forms a game tally pair with 2B55 ○  
→ 00D7 ✕ multiplication sign  
→ 1F5D9 ✕ cancellation x  
→ 1F7AC ✕ heavy saltire  
→ 1FBC0 ✕ white heavy saltire with rounded corners
- 274D ○ SHADOWED WHITE CIRCLE  
→ 1F53E ○ lower right shadowed white circle
- 274E ☒ NEGATIVE SQUARED CROSS MARK  
→ 1FBBD ☒ negative diagonal cross
- 274F ◻ LOWER RIGHT DROP-SHADOWED WHITE SQUARE
- 2750 ◻ UPPER RIGHT DROP-SHADOWED WHITE SQUARE
- 2751 ◻ LOWER RIGHT SHADOWED WHITE SQUARE
- 2752 ◻ UPPER RIGHT SHADOWED WHITE SQUARE
- 2753 ? BLACK QUESTION MARK ORNAMENT
- 2754 ? WHITE QUESTION MARK ORNAMENT
- 2755 ! WHITE EXCLAMATION MARK ORNAMENT
- 2756 ❖ BLACK DIAMOND MINUS WHITE X
- 2757 ! HEAVY EXCLAMATION MARK SYMBOL  
= obstacles on the road, ARIB STD B24
- 2758 | LIGHT VERTICAL BAR  
→ 007C | vertical line
- 2759 █ MEDIUM VERTICAL BAR

- 275A █ HEAVY VERTICAL BAR

**Punctuation mark ornaments**

- 275B ‘ HEAVY SINGLE TURNED COMMA QUOTATION MARK ORNAMENT  
→ 2018 ‘ left single quotation mark
- 275C ’ HEAVY SINGLE COMMA QUOTATION MARK ORNAMENT  
→ 2019 ’ right single quotation mark
- 275D “ HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT  
→ 201C “ left double quotation mark  
→ 1F676 “ sans-serif heavy double turned comma quotation mark ornament
- 275E ” HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT  
→ 201D ” right double quotation mark  
→ 1F677 ” sans-serif heavy double comma quotation mark ornament
- 275F , HEAVY LOW SINGLE COMMA QUOTATION MARK ORNAMENT  
→ 201A , single low-9 quotation mark
- 2760 „ HEAVY LOW DOUBLE COMMA QUOTATION MARK ORNAMENT  
→ 201E „ double low-9 quotation mark  
→ 1F678 „ sans-serif heavy low double comma quotation mark ornament
- 2761 ¶ CURVED STEM PARAGRAPH SIGN ORNAMENT  
→ 00B6 ¶ pilcrow sign
- 2762 ! HEAVY EXCLAMATION MARK ORNAMENT  
→ 0021 ! exclamation mark
- 2763 ♥ HEAVY HEART EXCLAMATION MARK ORNAMENT
- 2764 ♥ HEAVY BLACK HEART  
• displayed with a red color when used in emoji style  
→ 2665 ♥ black heart suit  
→ 1F5A4 ♥ black heart  
→ 1F90D ♥ white heart
- 2765 ➡ ROTATED HEAVY BLACK HEART BULLET

**Fleurons**

- 2766 🌿 FLORAL HEART  
= Aldus leaf
- 2767 🌿 ROTATED FLORAL HEART BULLET  
= hederia, ivy leaf  
→ 2619 🌿 reversed rotated floral heart bullet  
→ 1F65B 🌿 south east pointing vine leaf

**Ornamental brackets**

- 2768 ( MEDIUM LEFT PARENTHESIS ORNAMENT  
→ 0028 ( left parenthesis
- 2769 ) MEDIUM RIGHT PARENTHESIS ORNAMENT  
→ 0029 ) right parenthesis
- 276A ( MEDIUM FLATTENED LEFT PARENTHESIS ORNAMENT
- 276B ) MEDIUM FLATTENED RIGHT PARENTHESIS ORNAMENT
- 276C { MEDIUM LEFT-POINTING ANGLE BRACKET ORNAMENT  
→ 2329 { left-pointing angle bracket
- 276D } MEDIUM RIGHT-POINTING ANGLE BRACKET ORNAMENT  
→ 232A } right-pointing angle bracket

## 276E

## Dingbats

## 27AC

- 276E ◀ HEAVY LEFT-POINTING ANGLE QUOTATION MARK ORNAMENT  
→ 2039 ◀ single left-pointing angle quotation mark
- 276F ▶ HEAVY RIGHT-POINTING ANGLE QUOTATION MARK ORNAMENT  
→ 203A ▶ single right-pointing angle quotation mark
- 2770 ⌊ HEAVY LEFT-POINTING ANGLE BRACKET ORNAMENT
- 2771 ⌋ HEAVY RIGHT-POINTING ANGLE BRACKET ORNAMENT
- 2772 ⌈ LIGHT LEFT TORTOISE SHELL BRACKET ORNAMENT  
→ 3014 ⌈ left tortoise shell bracket
- 2773 ⌋ LIGHT RIGHT TORTOISE SHELL BRACKET ORNAMENT  
→ 3015 ⌋ right tortoise shell bracket
- 2774 { MEDIUM LEFT CURLY BRACKET ORNAMENT  
→ 007B { left curly bracket
- 2775 } MEDIUM RIGHT CURLY BRACKET ORNAMENT  
→ 007D } right curly bracket

## Dingbat circled digits

- 2776 ① DINGBAT NEGATIVE CIRCLED DIGIT ONE
- 2777 ② DINGBAT NEGATIVE CIRCLED DIGIT TWO
- 2778 ③ DINGBAT NEGATIVE CIRCLED DIGIT THREE
- 2779 ④ DINGBAT NEGATIVE CIRCLED DIGIT FOUR
- 277A ⑤ DINGBAT NEGATIVE CIRCLED DIGIT FIVE
- 277B ⑥ DINGBAT NEGATIVE CIRCLED DIGIT SIX
- 277C ⑦ DINGBAT NEGATIVE CIRCLED DIGIT SEVEN
- 277D ⑧ DINGBAT NEGATIVE CIRCLED DIGIT EIGHT
- 277E ⑨ DINGBAT NEGATIVE CIRCLED DIGIT NINE
- 277F ⑩ DINGBAT NEGATIVE CIRCLED NUMBER TEN
- 2780 ① DINGBAT CIRCLED SANS-SERIF DIGIT ONE
- 2781 ② DINGBAT CIRCLED SANS-SERIF DIGIT TWO
- 2782 ③ DINGBAT CIRCLED SANS-SERIF DIGIT THREE
- 2783 ④ DINGBAT CIRCLED SANS-SERIF DIGIT FOUR
- 2784 ⑤ DINGBAT CIRCLED SANS-SERIF DIGIT FIVE
- 2785 ⑥ DINGBAT CIRCLED SANS-SERIF DIGIT SIX
- 2786 ⑦ DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN
- 2787 ⑧ DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT
- 2788 ⑨ DINGBAT CIRCLED SANS-SERIF DIGIT NINE
- 2789 ⑩ DINGBAT CIRCLED SANS-SERIF NUMBER TEN
- 278A ① DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE
- 278B ② DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO
- 278C ③ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE
- 278D ④ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR
- 278E ⑤ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE
- 278F ⑥ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX
- 2790 ⑦ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN
- 2791 ⑧ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT
- 2792 ⑨ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE
- 2793 ⑩ DINGBAT NEGATIVE CIRCLED SANS-SERIF NUMBER TEN

## Dingbat arrow

- 2794 ➔ HEAVY WIDE-HEADED RIGHTWARDS ARROW  
→ 1F872 ➔ wide-headed rightwards medium barb arrow

## Heavy variants of arithmetic symbols

- 2795 + HEAVY PLUS SIGN  
→ 002B + plus sign
- 2796 − HEAVY MINUS SIGN  
→ 2212 − minus sign
- 2797 ÷ HEAVY DIVISION SIGN  
→ 00F7 ÷ division sign

## Dingbat arrows

- 2798 ↘ HEAVY SOUTH EAST ARROW
- 2799 ➔ HEAVY RIGHTWARDS ARROW
- 279A ↗ HEAVY NORTH EAST ARROW
- 279B ➔ DRAFTING POINT RIGHTWARDS ARROW
- 279C ➔ HEAVY ROUND-TIPPED RIGHTWARDS ARROW
- 279D ➔ TRIANGLE-HEADED RIGHTWARDS ARROW
- 279E ➔ HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW
- 279F ➔ DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A0 ➔ HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A1 ➔ BLACK RIGHTWARDS ARROW  
• fonts may harmonize this glyph with the style for other black arrows  
→ 2B05 ← leftwards black arrow  
→ 2B95 ➔ rightwards black arrow
- 27A2 ➤ THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD  
→ 2B9A ➤ three-d top-lighted rightwards equilateral arrowhead
- 27A3 ➤ THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD
- 27A4 ➤ BLACK RIGHTWARDS ARROWHEAD  
→ 2B9E ➤ black rightwards equilateral arrowhead  
→ 1FB80 ➤ arrowhead-shaped pointer
- 27A5 ➤ HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW  
→ 2BA9 ➤ black curved downwards and rightwards arrow
- 27A6 ➤ HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW  
→ 2BAB ➤ black curved upwards and rightwards arrow
- 27A7 ➤ SQUAT BLACK RIGHTWARDS ARROW  
→ 1F842 ➤ rightwards heavy compressed arrow
- 27A8 ➤ HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW
- 27A9 ➤ RIGHT-SHADED WHITE RIGHTWARDS ARROW  
→ 1F8A5 ➤ rightwards right-shaded white arrow
- 27AA ➤ LEFT-SHADED WHITE RIGHTWARDS ARROW  
→ 1F8A7 ➤ rightwards left-shaded white arrow
- 27AB ➤ BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW  
→ 1F8A9 ➤ rightwards back-tilted shadowed white arrow
- 27AC ➤ FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW  
→ 1F8AB ➤ rightwards front-tilted shadowed white arrow

- 27AD ⇨ HEAVY LOWER RIGHT-SHADOWED WHITE  
RIGHTWARDS ARROW
- 27AE ⇨ HEAVY UPPER RIGHT-SHADOWED WHITE  
RIGHTWARDS ARROW
- 27AF ⇨ NOTCHED LOWER RIGHT-SHADOWED WHITE  
RIGHTWARDS ARROW  
→ 1F89A ➡ rightwards arrow with notched tail

**Miscellaneous**

- 27B0 ㄣ CURLY LOOP  
= kururi

**Dingbat arrows**

- 27B1 ⇨ NOTCHED UPPER RIGHT-SHADOWED WHITE  
RIGHTWARDS ARROW
- 27B2 ↻ CIRCLED HEAVY WHITE RIGHTWARDS ARROW
- 27B3 ➡ WHITE-FEATHERED RIGHTWARDS ARROW
- 27B4 ↘ BLACK-FEATHERED SOUTH EAST ARROW
- 27B5 ➡ BLACK-FEATHERED RIGHTWARDS ARROW
- 27B6 ↗ BLACK-FEATHERED NORTH EAST ARROW
- 27B7 ↘ HEAVY BLACK-FEATHERED SOUTH EAST  
ARROW
- 27B8 ➡ HEAVY BLACK-FEATHERED RIGHTWARDS  
ARROW
- 27B9 ↗ HEAVY BLACK-FEATHERED NORTH EAST  
ARROW
- 27BA ➡ TEARDROP-BARBED RIGHTWARDS ARROW
- 27BB ➡ HEAVY TEARDROP-SHANKED RIGHTWARDS  
ARROW
- 27BC ➡ WEDGE-TAILED RIGHTWARDS ARROW
- 27BD ➡ HEAVY WEDGE-TAILED RIGHTWARDS ARROW
- 27BE ➡ OPEN-OUTLINED RIGHTWARDS ARROW

**Miscellaneous**

- 27BF ㄣ DOUBLE CURLY LOOP

|   | 2C0       | 2C1       | 2C2       | 2C3       | 2C4       | 2C5       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | 𐛀<br>2C00 | 𐛁<br>2C10 | 𐛂<br>2C20 | 𐛃<br>2C30 | 𐛄<br>2C40 | 𐛅<br>2C50 |
| 1 | 𐛆<br>2C01 | 𐛇<br>2C11 | 𐛈<br>2C21 | 𐛉<br>2C31 | 𐛊<br>2C41 | 𐛋<br>2C51 |
| 2 | 𐛌<br>2C02 | 𐛍<br>2C12 | 𐛎<br>2C22 | 𐛏<br>2C32 | 𐛐<br>2C42 | 𐛑<br>2C52 |
| 3 | 𐛒<br>2C03 | 𐛓<br>2C13 | 𐛔<br>2C23 | 𐛕<br>2C33 | 𐛖<br>2C43 | 𐛗<br>2C53 |
| 4 | 𐛘<br>2C04 | 𐛙<br>2C14 | 𐛚<br>2C24 | 𐛛<br>2C34 | 𐛜<br>2C44 | 𐛝<br>2C54 |
| 5 | 𐛞<br>2C05 | 𐛟<br>2C15 | 𐛠<br>2C25 | 𐛡<br>2C35 | 𐛢<br>2C45 | 𐛣<br>2C55 |
| 6 | 𐛤<br>2C06 | 𐛥<br>2C16 | 𐛦<br>2C26 | 𐛧<br>2C36 | 𐛨<br>2C46 | 𐛩<br>2C56 |
| 7 | 𐛪<br>2C07 | 𐛫<br>2C17 | 𐛬<br>2C27 | 𐛭<br>2C37 | 𐛮<br>2C47 | 𐛯<br>2C57 |
| 8 | 𐛰<br>2C08 | 𐛱<br>2C18 | 𐛲<br>2C28 | 𐛳<br>2C38 | 𐛴<br>2C48 | 𐛵<br>2C58 |
| 9 | 𐛶<br>2C09 | 𐛷<br>2C19 | 𐛸<br>2C29 | 𐛹<br>2C39 | 𐛺<br>2C49 | 𐛻<br>2C59 |
| A | 𐛼<br>2C0A | 𐛽<br>2C1A | 𐛾<br>2C2A | 𐛿<br>2C3A | 𐜀<br>2C4A | 𐜁<br>2C5A |
| B | 𐜂<br>2C0B | 𐜃<br>2C1B | 𐜄<br>2C2B | 𐜅<br>2C3B | 𐜆<br>2C4B | 𐜇<br>2C5B |
| C | 𐜈<br>2C0C | 𐜉<br>2C1C | 𐜊<br>2C2C | 𐜋<br>2C3C | 𐜌<br>2C4C | 𐜍<br>2C5C |
| D | 𐜎<br>2C0D | 𐜏<br>2C1D | 𐜐<br>2C2D | 𐜑<br>2C3D | 𐜒<br>2C4D | 𐜓<br>2C5D |
| E | 𐜔<br>2C0E | 𐜕<br>2C1E | 𐜖<br>2C2E | 𐜗<br>2C3E | 𐜘<br>2C4E | 𐜙<br>2C5E |
| F | 𐜚<br>2C0F | 𐜛<br>2C1F | 𐜜<br>2C2F | 𐜝<br>2C3F | 𐜞<br>2C4F | 𐜟<br>2C5F |



## 2C00

## Glagolitic

## 2C5F

## Capital letters

|      |   |                                                                                                                                                                                                        |
|------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2C00 | Ⰰ | GLAGOLITIC CAPITAL LETTER AZU                                                                                                                                                                          |
| 2C01 | Ⰱ | GLAGOLITIC CAPITAL LETTER BUKY                                                                                                                                                                         |
| 2C02 | Ⰲ | GLAGOLITIC CAPITAL LETTER VEDE                                                                                                                                                                         |
| 2C03 | Ⰳ | GLAGOLITIC CAPITAL LETTER GLAGOLI                                                                                                                                                                      |
| 2C04 | Ⰴ | GLAGOLITIC CAPITAL LETTER DOBRO                                                                                                                                                                        |
| 2C05 | Ⰵ | GLAGOLITIC CAPITAL LETTER YESTU                                                                                                                                                                        |
| 2C06 | Ⰶ | GLAGOLITIC CAPITAL LETTER ZHIVETE                                                                                                                                                                      |
| 2C07 | Ⰷ | GLAGOLITIC CAPITAL LETTER DZELO                                                                                                                                                                        |
| 2C08 | Ⰸ | GLAGOLITIC CAPITAL LETTER ZEMLJA                                                                                                                                                                       |
| 2C09 | Ⰹ | GLAGOLITIC CAPITAL LETTER IZHE                                                                                                                                                                         |
| 2C0A | Ⰺ | GLAGOLITIC CAPITAL LETTER INITIAL IZHE                                                                                                                                                                 |
| 2C0B | Ⰻ | GLAGOLITIC CAPITAL LETTER I                                                                                                                                                                            |
| 2C0C | Ⰼ | GLAGOLITIC CAPITAL LETTER DJERVI                                                                                                                                                                       |
| 2C0D | Ⰽ | GLAGOLITIC CAPITAL LETTER KAKO                                                                                                                                                                         |
| 2C0E | Ⰾ | GLAGOLITIC CAPITAL LETTER LJUDIJE                                                                                                                                                                      |
| 2C0F | Ⰿ | GLAGOLITIC CAPITAL LETTER MYSLITE                                                                                                                                                                      |
| 2C10 | Ⱀ | GLAGOLITIC CAPITAL LETTER NASHI                                                                                                                                                                        |
| 2C11 | Ⱁ | GLAGOLITIC CAPITAL LETTER ONU                                                                                                                                                                          |
| 2C12 | Ⱂ | GLAGOLITIC CAPITAL LETTER POKOJI                                                                                                                                                                       |
| 2C13 | Ⱃ | GLAGOLITIC CAPITAL LETTER RITSI                                                                                                                                                                        |
| 2C14 | Ⱄ | GLAGOLITIC CAPITAL LETTER SLOVO                                                                                                                                                                        |
| 2C15 | Ⱅ | GLAGOLITIC CAPITAL LETTER TVRIDO                                                                                                                                                                       |
| 2C16 | Ⱆ | GLAGOLITIC CAPITAL LETTER UKU                                                                                                                                                                          |
| 2C17 | Ⱇ | GLAGOLITIC CAPITAL LETTER FRITU                                                                                                                                                                        |
| 2C18 | Ⱈ | GLAGOLITIC CAPITAL LETTER HERU                                                                                                                                                                         |
| 2C19 | Ⱉ | GLAGOLITIC CAPITAL LETTER OTU                                                                                                                                                                          |
| 2C1A | Ⱊ | GLAGOLITIC CAPITAL LETTER PE                                                                                                                                                                           |
| 2C1B | Ⱋ | GLAGOLITIC CAPITAL LETTER SHTA                                                                                                                                                                         |
| 2C1C | Ⱌ | GLAGOLITIC CAPITAL LETTER TSI                                                                                                                                                                          |
| 2C1D | Ⱍ | GLAGOLITIC CAPITAL LETTER CHRIVI                                                                                                                                                                       |
| 2C1E | Ⱎ | GLAGOLITIC CAPITAL LETTER SHA                                                                                                                                                                          |
| 2C1F | Ⱏ | GLAGOLITIC CAPITAL LETTER YERU                                                                                                                                                                         |
| 2C20 | Ⱐ | GLAGOLITIC CAPITAL LETTER YERI                                                                                                                                                                         |
| 2C21 | Ⱑ | GLAGOLITIC CAPITAL LETTER YATI                                                                                                                                                                         |
| 2C22 | Ⱒ | GLAGOLITIC CAPITAL LETTER SPIDERY HA                                                                                                                                                                   |
| 2C23 | Ⱓ | GLAGOLITIC CAPITAL LETTER YU                                                                                                                                                                           |
| 2C24 | Ⱔ | GLAGOLITIC CAPITAL LETTER SMALL YUS                                                                                                                                                                    |
| 2C25 | Ⱕ | GLAGOLITIC CAPITAL LETTER SMALL YUS WITH TAIL                                                                                                                                                          |
| 2C26 | Ⱖ | GLAGOLITIC CAPITAL LETTER YO                                                                                                                                                                           |
| 2C27 | Ⱗ | GLAGOLITIC CAPITAL LETTER IOTATED SMALL YUS                                                                                                                                                            |
| 2C28 | Ⱘ | GLAGOLITIC CAPITAL LETTER BIG YUS                                                                                                                                                                      |
| 2C29 | Ⱙ | GLAGOLITIC CAPITAL LETTER IOTATED BIG YUS                                                                                                                                                              |
| 2C2A | Ⱚ | GLAGOLITIC CAPITAL LETTER FITA                                                                                                                                                                         |
| 2C2B | Ⱛ | GLAGOLITIC CAPITAL LETTER IZHITSA                                                                                                                                                                      |
| 2C2C | Ⱜ | GLAGOLITIC CAPITAL LETTER SHTAPIC                                                                                                                                                                      |
| 2C2D | Ⱝ | GLAGOLITIC CAPITAL LETTER TROKUTASTI A                                                                                                                                                                 |
| 2C2E | Ⱞ | GLAGOLITIC CAPITAL LETTER LATINATE MYSLITE                                                                                                                                                             |
| 2C2F | Ⱟ | GLAGOLITIC CAPITAL LETTER CAUDATE CHRIVI<br>This is used as an alternative to Glagolitic letter chrivi, combined with 0303 combining tilde or with 0483 combining Cyrillic titlo as an et cetera sign. |

## Small letters

|      |   |                                 |
|------|---|---------------------------------|
| 2C30 | ⰰ | GLAGOLITIC SMALL LETTER AZU     |
| 2C31 | ⰱ | GLAGOLITIC SMALL LETTER BUKY    |
| 2C32 | ⰲ | GLAGOLITIC SMALL LETTER VEDE    |
| 2C33 | ⰳ | GLAGOLITIC SMALL LETTER GLAGOLI |
| 2C34 | ⰴ | GLAGOLITIC SMALL LETTER DOBRO   |

|      |   |                                                                             |
|------|---|-----------------------------------------------------------------------------|
| 2C35 | ⰵ | GLAGOLITIC SMALL LETTER YESTU                                               |
| 2C36 | ⰶ | GLAGOLITIC SMALL LETTER ZHIVETE                                             |
| 2C37 | ⰷ | GLAGOLITIC SMALL LETTER DZELO                                               |
| 2C38 | ⰸ | GLAGOLITIC SMALL LETTER ZEMLJA                                              |
| 2C39 | ⰹ | GLAGOLITIC SMALL LETTER IZHE                                                |
| 2C3A | ⰺ | GLAGOLITIC SMALL LETTER INITIAL IZHE<br>→ A647 Ɑ cyrillic small letter iota |
| 2C3B | ⰻ | GLAGOLITIC SMALL LETTER I                                                   |
| 2C3C | ⰼ | GLAGOLITIC SMALL LETTER DJERVI                                              |
| 2C3D | ⰽ | GLAGOLITIC SMALL LETTER KAKO                                                |
| 2C3E | ⰾ | GLAGOLITIC SMALL LETTER LJUDIJE                                             |
| 2C3F | ⰿ | GLAGOLITIC SMALL LETTER MYSLITE                                             |
| 2C40 | Ⱐ | GLAGOLITIC SMALL LETTER NASHI                                               |
| 2C41 | Ⱑ | GLAGOLITIC SMALL LETTER ONU                                                 |
| 2C42 | Ⱒ | GLAGOLITIC SMALL LETTER POKOJI                                              |
| 2C43 | Ⱓ | GLAGOLITIC SMALL LETTER RITSI                                               |
| 2C44 | Ⱔ | GLAGOLITIC SMALL LETTER SLOVO                                               |
| 2C45 | Ⱕ | GLAGOLITIC SMALL LETTER TVRIDO                                              |
| 2C46 | Ⱖ | GLAGOLITIC SMALL LETTER UKU                                                 |
| 2C47 | Ⱗ | GLAGOLITIC SMALL LETTER FRITU                                               |
| 2C48 | Ⱘ | GLAGOLITIC SMALL LETTER HERU                                                |
| 2C49 | Ⱙ | GLAGOLITIC SMALL LETTER OTU                                                 |
| 2C4A | Ⱚ | GLAGOLITIC SMALL LETTER PE                                                  |
| 2C4B | Ⱛ | GLAGOLITIC SMALL LETTER SHTA                                                |
| 2C4C | Ⱜ | GLAGOLITIC SMALL LETTER TSI                                                 |
| 2C4D | Ⱝ | GLAGOLITIC SMALL LETTER CHRIVI                                              |
| 2C4E | Ⱞ | GLAGOLITIC SMALL LETTER SHA                                                 |
| 2C4F | Ⱟ | GLAGOLITIC SMALL LETTER YERU                                                |
| 2C50 | ⰱ | GLAGOLITIC SMALL LETTER YERI                                                |
| 2C51 | ⰳ | GLAGOLITIC SMALL LETTER YATI                                                |
| 2C52 | ⰵ | GLAGOLITIC SMALL LETTER SPIDERY HA                                          |
| 2C53 | ⰷ | GLAGOLITIC SMALL LETTER YU                                                  |
| 2C54 | ⰹ | GLAGOLITIC SMALL LETTER SMALL YUS                                           |
| 2C55 | ⰻ | GLAGOLITIC SMALL LETTER SMALL YUS WITH TAIL                                 |
| 2C56 | ⰽ | GLAGOLITIC SMALL LETTER YO                                                  |
| 2C57 | ⰿ | GLAGOLITIC SMALL LETTER IOTATED SMALL YUS                                   |
| 2C58 | Ⱑ | GLAGOLITIC SMALL LETTER BIG YUS                                             |
| 2C59 | Ⱓ | GLAGOLITIC SMALL LETTER IOTATED BIG YUS                                     |
| 2C5A | Ⱕ | GLAGOLITIC SMALL LETTER FITA                                                |
| 2C5B | Ⱘ | GLAGOLITIC SMALL LETTER IZHITSA                                             |
| 2C5C | Ⱚ | GLAGOLITIC SMALL LETTER SHTAPIC                                             |
| 2C5D | Ⱜ | GLAGOLITIC SMALL LETTER TROKUTASTI A                                        |
| 2C5E | Ⱞ | GLAGOLITIC SMALL LETTER LATINATE MYSLITE                                    |
| 2C5F | Ⱟ | GLAGOLITIC SMALL LETTER CAUDATE CHRIVI                                      |



|   | 2E0                                                                                         | 2E1                                                                                         | 2E2                                                                                         | 2E3                                                                                         | 2E4                                                                                         | 2E5                                                                                         | 2E6 | 2E7 |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----|-----|
| 0 | <br>2E00   | <br>2E10   | <br>2E20   | <br>2E30   | <br>2E40   | <br>2E50   |     |     |
| 1 | <br>2E01   | <br>2E11   | <br>2E21   | <br>2E31   | <br>2E41   | <br>2E51   |     |     |
| 2 | <br>2E02   | <br>2E12   | <br>2E22   | <br>2E32   | <br>2E42   | <br>2E52   |     |     |
| 3 | <br>2E03   | <br>2E13   | <br>2E23   | <br>2E33   | <br>2E43   | <br>2E53   |     |     |
| 4 | <br>2E04   | <br>2E14   | <br>2E24   | <br>2E34   | <br>2E44   | <br>2E54   |     |     |
| 5 | <br>2E05   | <br>2E15   | <br>2E25   | <br>2E35   | <br>2E45   | <br>2E55   |     |     |
| 6 | <br>2E06   | <br>2E16   | <br>2E26   | <br>2E36   | <br>2E46   | <br>2E56   |     |     |
| 7 | <br>2E07 | <br>2E17 | <br>2E27 | <br>2E37 | <br>2E47 | <br>2E57 |     |     |
| 8 | <br>2E08 | <br>2E18 | <br>2E28 | <br>2E38 | <br>2E48 | <br>2E58 |     |     |
| 9 | <br>2E09 | <br>2E19 | <br>2E29 | <br>2E39 | <br>2E49 | <br>2E59 |     |     |
| A | <br>2E0A | <br>2E1A | <br>2E2A | <br>2E3A | <br>2E4A | <br>2E5A |     |     |
| B | <br>2E0B | <br>2E1B | <br>2E2B | <br>2E3B | <br>2E4B | <br>2E5B |     |     |
| C | <br>2E0C | <br>2E1C | <br>2E2C | <br>2E3C | <br>2E4C | <br>2E5C |     |     |
| D | <br>2E0D | <br>2E1D | <br>2E2D | <br>2E3D | <br>2E4D | <br>2E5D |     |     |
| E | <br>2E0E | <br>2E1E | <br>2E2E | <br>2E3E | <br>2E4E |                                                                                             |     |     |
| F | <br>2E0F | <br>2E1F | <br>2E2F | <br>2E3F | <br>2E4F |                                                                                             |     |     |

**New Testament editorial symbols**

- 2E00 ⌞ RIGHT ANGLE SUBSTITUTION MARKER  
→ 231C ⌞ top left corner
- 2E01 ⌠ RIGHT ANGLE DOTTED SUBSTITUTION MARKER
- 2E02 ⌟ LEFT SUBSTITUTION BRACKET
- 2E03 ⌡ RIGHT SUBSTITUTION BRACKET
- 2E04 ⌢ LEFT DOTTED SUBSTITUTION BRACKET
- 2E05 ⌣ RIGHT DOTTED SUBSTITUTION BRACKET
- 2E06 ⁂ RAISED INTERPOLATION MARKER  
→ 22A4 ⁂ down tack
- 2E07 ⁄ RAISED DOTTED INTERPOLATION MARKER
- 2E08 ⌵ DOTTED TRANSPOSITION MARKER
- 2E09 ⌶ LEFT TRANSPOSITION BRACKET
- 2E0A ⌷ RIGHT TRANSPOSITION BRACKET
- 2E0B ◻ RAISED SQUARE  
• used as an opening raised omission bracket
- 2E0C ⌵ LEFT RAISED OMISSION BRACKET  
• used as an opening or closing raised omission bracket
- 2E0D ⌶ RIGHT RAISED OMISSION BRACKET  
• used as a closing or opening raised omission bracket

**Ancient Greek textual symbols**

- 2E0E Ⲁ EDITORIAL CORONIS  
→ 1FBD Ⲁ greek koronis
- 2E0F — PARAGRAPHS
- 2E10 — FORKED PARAGRAPHS
- 2E11 — REVERSED FORKED PARAGRAPHS
- 2E12 Ⲁ HYPODIASOLE  
= ypodiastoli
- 2E13 Ⲁ DOTTED OBELOS  
• glyph variants may look like ‘Ⲁ’ or ‘Ⲁ’  
→ 2052 Ⲁ commercial minus sign
- 2E14 Ⲁ DOWNWARDS ANCORA  
• contrary to its formal name this symbol points upwards
- 2E15 Ⲁ UPWARDS ANCORA  
• contrary to its formal name this symbol points downwards
- 2E16 Ⲁ DOTTED RIGHT-POINTING ANGLE  
= diplo periestigmene

**Ancient Near-Eastern linguistic symbol**

- 2E17 Ⲁ DOUBLE OBLIQUE HYPHEN  
• used in ancient Near-Eastern linguistics  
• hyphen in Fraktur text uses 002D - or 2010 - , but with a ‘Ⲁ’ glyph in Fraktur fonts  
→ 002D - hyphen-minus  
→ 003D = equals sign  
→ 2010 - hyphen  
→ 2E40 Ⲁ double hyphen  
→ 2E5D Ⲁ oblique hyphen

**General punctuation**

- 2E18 Ⲁ INVERTED INTERROBANG  
= gnaborretni  
→ 203D Ⲁ interrobang
- 2E19 Ⲁ PALM BRANCH  
• used as a separator

**Dictionary punctuation**

*These punctuation marks are used mostly in German dictionaries, to indicate umlaut or case changes with abbreviated stems.*

- 2E1A Ⲁ HYPHEN WITH DIAERESIS  
• indicates umlaut of the stem vowel of a plural form
- 2E1B Ⲁ TILDE WITH RING ABOVE  
• indicates change in case for derived form

**Brackets**

- 2E1C Ⲁ LEFT LOW PARAPHRASE BRACKET
- 2E1D Ⲁ RIGHT LOW PARAPHRASE BRACKET  
• used in N'Ko

**Dictionary punctuation**

- 2E1E Ⲁ TILDE WITH DOT ABOVE  
• indicates derived form changes to uppercase
- 2E1F Ⲁ TILDE WITH DOT BELOW  
• indicates derived form changes to lowercase

**Brackets**

- 2E20 Ⲁ LEFT VERTICAL BAR WITH QUILL  
→ 2045 Ⲁ left square bracket with quill
- 2E21 Ⲁ RIGHT VERTICAL BAR WITH QUILL

**Half brackets**

*These form a set of four corner brackets and are used editorially. They are distinguished from mathematical floor and ceiling characters. Occasionally quine corners are substituted for half brackets.*

- 2E22 Ⲁ TOP LEFT HALF BRACKET  
→ 2308 Ⲁ left ceiling  
→ 231C Ⲁ top left corner  
→ 300C Ⲁ left corner bracket
- 2E23 Ⲁ TOP RIGHT HALF BRACKET
- 2E24 Ⲁ BOTTOM LEFT HALF BRACKET
- 2E25 Ⲁ BOTTOM RIGHT HALF BRACKET

**Brackets**

- 2E26 Ⲁ LEFT SIDEWAYS U BRACKET  
→ 2282 Ⲁ subset of
- 2E27 Ⲁ RIGHT SIDEWAYS U BRACKET  
→ 2283 Ⲁ superset of
- 2E28 Ⲁ LEFT DOUBLE PARENTHESIS  
→ 2985 Ⲁ left white parenthesis  
→ FF5F Ⲁ fullwidth left white parenthesis
- 2E29 Ⲁ RIGHT DOUBLE PARENTHESIS

**Historic punctuation**

*See also historic punctuation with multiple dots in the range 2058-205E.*

- 2E2A Ⲁ TWO DOTS OVER ONE DOT PUNCTUATION
- 2E2B Ⲁ ONE DOT OVER TWO DOTS PUNCTUATION
- 2E2C Ⲁ SQUARED FOUR DOT PUNCTUATION
- 2E2D Ⲁ FIVE DOT MARK
- 2E2E Ⲁ REVERSED QUESTION MARK  
= punctus percontativus  
→ 003F Ⲁ question mark  
→ 00BF Ⲁ inverted question mark  
→ 061F Ⲁ arabic question mark
- 2E2F Ⲁ VERTICAL TILDE  
• used for Cyrillic yerik  
→ 033E Ⲁ combining vertical tilde  
→ A67F Ⲁ cyrillic payerok

- 2E30 ◦ RING POINT
- used in Avestan
  - 2218 ◦ ring operator
  - 25E6 ◦ white bullet
- 2E31 · WORD SEPARATOR MIDDLE DOT
- used in Avestan, Samaritan, ...
  - 00B7 · middle dot

**Palaeotype transliteration symbol**

- 2E32 ˘ TURNED COMMA
- indicates nasalization
  - 060C ˘ arabic comma

**Historic punctuation**

- 2E33 ˙ RAISED DOT
- glyph position intermediate between 002E ˙ and 00B7 ·
  - 002E ˙ full stop
  - 00B7 · middle dot
- 2E34 ˆ RAISED COMMA
- 002C ˆ comma

**Palaeotype transliteration symbols**

- 2E35 ː TURNED SEMICOLON
- indicates sudden glottal closure
  - 061B ː arabic semicolon
- 2E36 † DAGGER WITH LEFT GUARD
- indicates retracted pronunciation
- 2E37 ‡ DAGGER WITH RIGHT GUARD
- indicates advanced pronunciation
- 2E38 ‡ TURNED DAGGER
- indicates retroflex pronunciation
  - 2020 ‡ dagger
- 2E39 § TOP HALF SECTION SIGN
- indicates pronunciation on one side of the mouth only
  - 00A7 § section sign

**Dashes**

- 2E3A — TWO-EM DASH
- = omission dash
  - 2014 — em dash
- 2E3B — THREE-EM DASH

**Alternate forms of punctuation**

- 2E3C . STENOGRAPHIC FULL STOP
- used in shorthands and stenographies
  - 002E ˙ full stop
  - 166E ˙ canadian syllabics full stop
- 2E3D ⋮ VERTICAL SIX DOTS
- 205E ⋮ vertical four dots
  - 2999 ⋮ dotted fence
- 2E3E ⋯ WIGGLY VERTICAL LINE
- 2307 ⋯ wavy line
  - 299A ⋯ vertical zigzag line

**Historic punctuation**

- 2E3F ¶ CAPITULUM
- ancestor of the pilcrow sign
  - 00B6 ¶ pilcrow sign

**Double hyphen**

*The double hyphen is used in transcription of old German manuscripts, and occasionally as a non-standard punctuation mark. It is not intended for the representation of normal hyphens, whose doubled forms in Fraktur text are considered glyphic variants.*

- 2E40 = DOUBLE HYPHEN
- 003D = equals sign
  - 2010 - hyphen
  - 2E17 ≠ double oblique hyphen
  - 30A0 = katakana-hiragana double hyphen
  - A78A = modifier letter short equals sign

**Reversed punctuation**

- 2E41 ˘ REVERSED COMMA
- Old Hungarian
  - used occasionally in Sindhi when Sindhi is written in the Arabic script
  - 002C ˘ comma
  - 060C ˘ arabic comma
- 2E42 „ DOUBLE LOW-REVERSED-9 QUOTATION MARK
- 201E „ double low-9 quotation mark

**Miscellaneous punctuation**

- 2E43 — DASH WITH LEFT UPTURN
- functions as a paragraphos in some Slavonic texts
  - 2E0F — paragraphos
- 2E44 ˘ DOUBLE SUSPENSION MARK
- indicates omission of letters in a word on some Byzantine Greek seals and coins
  - 0374 ˘ greek numeral sign

**Typicon punctuation**

- 2E45 ˘ INVERTED LOW KAVYKA
- 2E46 ˘ INVERTED LOW KAVYKA WITH KAVYKA ABOVE
- 2A46 ˘ union above intersection
  - AB5B ˘ modifier breve with inverted breve
- 2E47 ˘ LOW KAVYKA
- A67E ˘ cyrillic kavyka
- 2E48 ˘ LOW KAVYKA WITH DOT
- 2E49 ˘ DOUBLE STACKED COMMA

**Historic punctuation**

- 2E4A / DOTTED SOLIDUS
- = virgula suspensiva
  - indicates a medial disjunction more than solidus but less than punctus elevatus
- 2E4B ‡ TRIPLE DAGGER
- 2020 ‡ dagger
  - 2021 ‡ double dagger
- 2E4C ˘ MEDIEVAL COMMA
- indicates a minor medial pause or disjunction of sense
- 2E4D ¶ PARAGRAPHUS MARK
- indicates the beginning of a paragraph, section, stanza, or proposition
  - 00B6 ¶ pilcrow sign
  - 204B ¶ reversed pilcrow sign
  - 2E0F — paragraphos
  - 2E3F ¶ capitulum
- 2E4E ˘ PUNCTUS ELEVATUS MARK
- This mark indicates a major intermediate pause where the sensus is complete but the sentence is not; this is similar in some regards to the modern use of a semicolon.

|      |   |                                                                                                   |
|------|---|---------------------------------------------------------------------------------------------------|
| 2E4F | ⋈ | CORNISH VERSE DIVIDER                                                                             |
| 2E50 | ⌘ | CROSS PATTY WITH RIGHT CROSSBAR<br>→ 2720 ☒ maltese cross<br>→ 2C75 ℥ latin capital letter half h |
| 2E51 | ⌘ | CROSS PATTY WITH LEFT CROSSBAR<br>→ A7F5 ⚡ latin capital letter reversed half h                   |
| 2E52 | ⌚ | TIRONIAN SIGN CAPITAL ET<br>→ 204A 𐌚 tironian sign et                                             |
| 2E53 | ! | MEDIEVAL EXCLAMATION MARK                                                                         |
| 2E54 | ? | MEDIEVAL QUESTION MARK                                                                            |

**Brackets**

*These brackets indicate ellipsis in certain conventions for Japanese transliteration.*

|      |   |                                                                                                   |
|------|---|---------------------------------------------------------------------------------------------------|
| 2E55 | { | LEFT SQUARE BRACKET WITH STROKE<br>• optional ellipsis<br>→ 2045 { left square bracket with quill |
| 2E56 | } | RIGHT SQUARE BRACKET WITH STROKE                                                                  |
| 2E57 | { | LEFT SQUARE BRACKET WITH DOUBLE STROKE<br>• obligatory ellipsis                                   |
| 2E58 | } | RIGHT SQUARE BRACKET WITH DOUBLE STROKE                                                           |

**Parentheses top and bottom halves**

*These are used in pairs in extended IPA to indicate dubious phonemes or questionable presence of a sound.*

|      |   |                               |
|------|---|-------------------------------|
| 2E59 | ( | TOP HALF LEFT PARENTHESIS     |
| 2E5A | ) | TOP HALF RIGHT PARENTHESIS    |
| 2E5B | ( | BOTTOM HALF LEFT PARENTHESIS  |
| 2E5C | ) | BOTTOM HALF RIGHT PARENTHESIS |

**Oblique hyphen**

*The oblique hyphen is historic punctuation seen in some medieval and Renaissance manuscripts. In some modern lexicography an oblique hyphen is used distinctly to indicate hyphenation which is retained when a word is not broken at a line boundary.*

|      |   |                                                                     |
|------|---|---------------------------------------------------------------------|
| 2E5D | - | OBLIQUE HYPHEN<br>→ 2010 - hyphen<br>→ 2E17 ⚭ double oblique hyphen |
|------|---|---------------------------------------------------------------------|

|   | 300                                                                                         | 301                                                                                         | 302                                                                                         | 303                                                                                         |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>3000   | <br>3010   | <br>3020   | <br>3030   |
| 1 | <br>3001   | <br>3011   | <br>3021   | <br>3031   |
| 2 | <br>3002   | <br>3012   | <br>3022   | <br>3032   |
| 3 | <br>3003   | <br>3013   | <br>3023   | <br>3033   |
| 4 | <br>3004   | <br>3014   | <br>3024   | <br>3034   |
| 5 | <br>3005 | <br>3015 | <br>3025 | <br>3035 |
| 6 | <br>3006 | <br>3016 | <br>3026 | <br>3036 |
| 7 | <br>3007 | <br>3017 | <br>3027 | <br>3037 |
| 8 | <br>3008 | <br>3018 | <br>3028 | <br>3038 |
| 9 | <br>3009 | <br>3019 | <br>3029 | <br>3039 |
| A | <br>300A | <br>301A | <br>302A | <br>303A |
| B | <br>300B | <br>301B | <br>302B | <br>303B |
| C | <br>300C | <br>301C | <br>302C | <br>303C |
| D | <br>300D | <br>301D | <br>302D | <br>303D |
| E | <br>300E | <br>301E | <br>302E | <br>303E |
| F | <br>300F | <br>301F | <br>302F | <br>303F |

**CJK symbols and punctuation**3000  IDEOGRAPHIC SPACE→ 0020  space≈ <wide> 0020 3001  IDEOGRAPHIC COMMA

• in Chinese, delimits items in a list or series

→ 002C  comma→ FF0C  fullwidth comma→ FF64  halfwidth ideographic comma~ 3001 FE00  corner-justified form~ 3001 FE01  centered form3002  IDEOGRAPHIC FULL STOP→ 002E  full stop→ FF0E  fullwidth full stop→ FF61  halfwidth ideographic full stop~ 3002 FE00  corner-justified form~ 3002 FE01  centered form3003  DITTO MARK→ 2033  double prime3004  JAPANESE INDUSTRIAL STANDARD SYMBOL3005  IDEOGRAPHIC ITERATION MARK→ 206A4 → 16FE0  tangut iteration mark3006  IDEOGRAPHIC CLOSING MARK→ 4E44 3007  IDEOGRAPHIC NUMBER ZERO→ 20DD  combining enclosing circle→ 25CB  white circle→ 25EF  large circle**CJK angle brackets**3008  LEFT ANGLE BRACKET→ 003C  less-than sign→ 2039  single left-pointing angle quotation mark→ 2329  left-pointing angle bracket→ 27E8  mathematical left angle bracket3009  RIGHT ANGLE BRACKET→ 003E  greater-than sign→ 203A  single right-pointing angle quotation mark→ 232A  right-pointing angle bracket→ 27E9  mathematical right angle bracket300A  LEFT DOUBLE ANGLE BRACKET→ 00AB  left-pointing double angle quotation mark→ 27EA  mathematical left double angle bracket300B  RIGHT DOUBLE ANGLE BRACKET→ 00BB  right-pointing double angle quotation mark→ 27EB  mathematical right double angle bracket**CJK corner brackets**

The CJK corner brackets, which function as quotation marks, are not recommended for general-purpose corner brackets. See the ceiling and floor characters, instead.

300C  LEFT CORNER BRACKET→ 2308  left ceiling300D  RIGHT CORNER BRACKET→ 230B  right floor300E  LEFT WHITE CORNER BRACKET300F  RIGHT WHITE CORNER BRACKET**CJK brackets**3010  LEFT BLACK LENTICULAR BRACKET3011  RIGHT BLACK LENTICULAR BRACKET**CJK symbols**3012  POSTAL MARK→ 20B8  tenge sign→ 2AE7  short down tack with overbar→ 1F3E3  japanese post office3013  GETA MARK

• substitute for ideograph not in font

• editorial convention to represent ideographic lacuna

→ 25A1  white square→ 1F7F0  heavy equals sign**CJK brackets**3014  LEFT TORTOISE SHELL BRACKET3015  RIGHT TORTOISE SHELL BRACKET3016  LEFT WHITE LENTICULAR BRACKET3017  RIGHT WHITE LENTICULAR BRACKET3018  LEFT WHITE TORTOISE SHELL BRACKET→ 27EC  mathematical left white tortoise shell bracket3019  RIGHT WHITE TORTOISE SHELL BRACKET→ 27ED  mathematical right white tortoise shell bracket301A  LEFT WHITE SQUARE BRACKET

= left abstract syntax bracket

→ 27E6  mathematical left white square bracket301B  RIGHT WHITE SQUARE BRACKET

= right abstract syntax bracket

→ 27E7  mathematical right white square bracket**CJK punctuation**301C  WAVE DASH

This character was encoded to match JIS C 6226-1978 1-33 "wave dash".

→ 2053  swung dash→ 3030  wavy dash→ FF5E  fullwidth tilde301D  REVERSED DOUBLE PRIME QUOTATION MARK

• sometimes depicted as double prime quotation mark

→ 201C  left double quotation mark→ 2036  reversed double prime301E  DOUBLE PRIME QUOTATION MARK• this is a mistaken analogue to 201D ”; 301F  is preferred→ 201D  right double quotation mark→ 2033  double prime301F  LOW DOUBLE PRIME QUOTATION MARK

• may be depicted as low inverse double prime quotation mark

**CJK symbol**3020  POSTAL MARK FACE**Suzhou numerals**

The Suzhou numerals (Chinese *su1zhou1ma3zi*) are special numeric forms used by traders to display the prices of goods. The use of "HANGZHOU" in the names is a misnomer.

3021  HANGZHOU NUMERAL ONE3022  HANGZHOU NUMERAL TWO

|      |   |                        |
|------|---|------------------------|
| 3023 | Ⅲ | HANGZHOU NUMERAL THREE |
| 3024 | Ⅳ | HANGZHOU NUMERAL FOUR  |
| 3025 | Ⅴ | HANGZHOU NUMERAL FIVE  |
| 3026 | Ⅵ | HANGZHOU NUMERAL SIX   |
| 3027 | Ⅶ | HANGZHOU NUMERAL SEVEN |
| 3028 | Ⅷ | HANGZHOU NUMERAL EIGHT |
| 3029 | Ⅸ | HANGZHOU NUMERAL NINE  |

**Combining tone marks**

|      |    |                                                      |
|------|----|------------------------------------------------------|
| 302A | ◌◌ | IDEOGRAPHIC LEVEL TONE MARK                          |
| 302B | ◌◌ | IDEOGRAPHIC RISING TONE MARK                         |
| 302C | ◌◌ | IDEOGRAPHIC DEPARTING TONE MARK                      |
| 302D | ◌◌ | IDEOGRAPHIC ENTERING TONE MARK                       |
| 302E | ◌◌ | HANGUL SINGLE DOT TONE MARK<br>= single dot Bangjeom |
| 302F | ◌◌ | HANGUL DOUBLE DOT TONE MARK<br>= double dot Bangjeom |

**Other CJK punctuation**

|      |   |                                                       |
|------|---|-------------------------------------------------------|
| 3030 | 〰 | WAVY DASH<br>→ 2307 〰 wavy line<br>→ 301C 〰 wave dash |
|------|---|-------------------------------------------------------|

**Kana repeat marks**

These characters are only used in vertical writing of Japanese.

|      |   |                                                                                                                                                                                                                  |
|------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3031 | 〰 | VERTICAL KANA REPEAT MARK                                                                                                                                                                                        |
| 3032 | 〰 | VERTICAL KANA REPEAT WITH VOICED SOUND MARK<br>• implemented as glyphs that are two-em tall                                                                                                                      |
| 3033 | 〰 | VERTICAL KANA REPEAT MARK UPPER HALF                                                                                                                                                                             |
| 3034 | 〰 | VERTICAL KANA REPEAT WITH VOICED SOUND MARK UPPER HALF<br>• implemented as glyphs that are one-em tall and that combine with the following character to form ligated two-em glyphs for the complete repeat marks |
| 3035 | 〰 | VERTICAL KANA REPEAT MARK LOWER HALF                                                                                                                                                                             |

**Other CJK symbols**

|      |    |                                                                                                                                                         |
|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3036 | ㊦  | CIRCLED POSTAL MARK<br>= symbol for type B electronics<br>• not used as a postal mark<br>→ 2B97 ㊦ symbol for type A electronics<br>≈ 3012 ㊦ postal mark |
| 3037 | XX | IDEOGRAPHIC TELEGRAPH LINE FEED SEPARATOR SYMBOL                                                                                                        |

**Additional Suzhou numerals**

|      |   |                                     |
|------|---|-------------------------------------|
| 3038 | 卅 | HANGZHOU NUMERAL TEN<br>≈ 5341 卅    |
| 3039 | 卅 | HANGZHOU NUMERAL TWENTY<br>≈ 5344 卅 |
| 303A | 卅 | HANGZHOU NUMERAL THIRTY<br>≈ 5345 卅 |

**Other CJK punctuation**

|      |   |                                                                                                          |
|------|---|----------------------------------------------------------------------------------------------------------|
| 303B | 〰 | VERTICAL IDEOGRAPHIC ITERATION MARK                                                                      |
| 303C | ㊦ | MASU MARK<br>• informal abbreviation for Japanese -masu ending<br>→ 29C4 ㊦ squared rising diagonal slash |
| 303D | 〰 | PART ALTERNATION MARK<br>• marks the start of a song part in Japanese                                    |

**Special CJK indicators**

These are visibly displayed graphic characters, not invisible format control characters.

|      |   |                                                                                                                                          |
|------|---|------------------------------------------------------------------------------------------------------------------------------------------|
| 303E | ㊦ | IDEOGRAPHIC VARIATION INDICATOR<br>• visual indicator that the following ideograph is to be taken as a variant of the intended character |
| 303F | ㊦ | IDEOGRAPHIC HALF FILL SPACE<br>• visual indicator of a screen space for half of an ideograph                                             |

|   | 31C                                                                                         | 31D                                                                                         | 31E                                                                                       |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 0 | <br>31C0   | <br>31D0   | <br>31E0 |
| 1 | <br>31C1   | <br>31D1   | <br>31E1 |
| 2 | <br>31C2   | <br>31D2   | <br>31E2 |
| 3 | <br>31C3   | <br>31D3   | <br>31E3 |
| 4 | <br>31C4   | <br>31D4   |                                                                                           |
| 5 | <br>31C5   | <br>31D5   |                                                                                           |
| 6 | <br>31C6   | <br>31D6   |                                                                                           |
| 7 | <br>31C7 | <br>31D7 |                                                                                           |
| 8 | <br>31C8 | <br>31D8 |                                                                                           |
| 9 | <br>31C9 | <br>31D9 |                                                                                           |
| A | <br>31CA | <br>31DA |                                                                                           |
| B | <br>31CB | <br>31DB |                                                                                           |
| C | <br>31CC | <br>31DC |                                                                                           |
| D | <br>31CD | <br>31DD |                                                                                           |
| E | <br>31CE | <br>31DE |                                                                                           |
| F | <br>31CF | <br>31DF |                                                                                           |



## 31C0

## CJK Strokes

## 31E3

## CJK strokes

|      |   |                 |                                                                                                              |
|------|---|-----------------|--------------------------------------------------------------------------------------------------------------|
| 31C0 | ㄣ | CJK STROKE T    | • 2nd stroke of 51B0 冰                                                                                       |
| 31C1 | ㄥ | CJK STROKE WG   | • 2nd stroke of 72D0 狐                                                                                       |
| 31C2 | ㄣ | CJK STROKE XG   | • 5th stroke of 6211 我                                                                                       |
| 31C3 | ㄣ | CJK STROKE BXG  | • occurs only in Kaiti typefaces<br>• equivalent to SWG stroke in Songti typefaces<br>• 2nd stroke of 5FC3 心 |
| 31C4 | ㄣ | CJK STROKE SW   | • 3rd stroke of 4EA1 亡<br>• 4th stroke of 56DB 四                                                             |
| 31C5 | ㄣ | CJK STROKE HZZ  | • 1st stroke of 534D 卂                                                                                       |
| 31C6 | ㄣ | CJK STROKE HZG  | • 1st stroke of 7FBD 羽<br>• 1st stroke of 4E5F 也                                                             |
| 31C7 | ㄣ | CJK STROKE HP   | • 1st stroke of 53C8 又<br>• 4th stroke of 4ECA 今                                                             |
| 31C8 | ㄣ | CJK STROKE HZWG | • 1st stroke of 98DE 飞<br>• 2nd stroke of 4E5D 九                                                             |
| 31C9 | ㄣ | CJK STROKE SZWG | • 3rd stroke of 5F13 弓<br>• 2nd stroke of 9A6C 马                                                             |
| 31CA | ㄣ | CJK STROKE HZT  | • 2nd stroke of 8BA1 计<br>• 2nd stroke of 9CE9 鳩                                                             |
| 31CB | ㄣ | CJK STROKE HZZP | • 1st stroke of 53CA 及                                                                                       |
| 31CC | ㄣ | CJK STROKE HPWG | • 1st stroke of 961D 卩<br>• 6th stroke of 90AE 邨                                                             |
| 31CD | ㄣ | CJK STROKE HZW  | • 5th stroke of 6295 投                                                                                       |
| 31CE | ㄣ | CJK STROKE HZZZ | • 1st stroke of 51F8 凸                                                                                       |
| 31CF | ㄣ | CJK STROKE N    | • 3rd stroke of 5927 大                                                                                       |
| 31D0 | 一 | CJK STROKE H    | • 1st stroke of 5927 大<br>• 1st stroke of 4E03 七                                                             |
| 31D1 | 丨 | CJK STROKE S    | • 4th stroke of 4E2D 中                                                                                       |
| 31D2 | ㄣ | CJK STROKE P    | • 1st stroke of 4E4F 乏                                                                                       |
| 31D3 | ㄣ | CJK STROKE SP   | • 1st stroke of 6708 月                                                                                       |
| 31D4 | ㄣ | CJK STROKE D    | • 3rd stroke of 4E38 丸                                                                                       |
| 31D5 | ㄣ | CJK STROKE HZ   | • 2nd stroke of 56DB 四                                                                                       |
| 31D6 | ㄣ | CJK STROKE HG   | • 1st stroke of 758B 疋<br>• 1st stroke of 5B50 子                                                             |
| 31D7 | ㄣ | CJK STROKE SZ   | • 2nd stroke of 5C71 山<br>• 2nd stroke of 4E1C 东                                                             |

|      |   |                  |                                                  |
|------|---|------------------|--------------------------------------------------|
| 31D8 | ㄣ | CJK STROKE SWZ   | • 6th stroke of 8085 肅                           |
| 31D9 | ㄣ | CJK STROKE ST    | • 3rd stroke of 6C11 民                           |
| 31DA | ㄣ | CJK STROKE SG    | • 1st stroke of 6C34 水                           |
| 31DB | ㄣ | CJK STROKE PD    | • 1st stroke of 5DE1 巡<br>• 1st stroke of 5973 女 |
| 31DC | ㄣ | CJK STROKE PZ    | • 3rd stroke of 516C 公<br>• 4th stroke of 5F18 弘 |
| 31DD | ㄣ | CJK STROKE TN    | • 8th stroke of 5EFB 廻                           |
| 31DE | ㄣ | CJK STROKE SZZ   | • 1st stroke of 5350 𠂔<br>• 4th stroke of 4E9E 亞 |
| 31DF | ㄣ | CJK STROKE SWG   | • 7th stroke of 4E71 乱<br>• 3rd stroke of 5DF1 己 |
| 31E0 | ㄣ | CJK STROKE HXWG  | • 1st stroke of 4E69 乙                           |
| 31E1 | ㄣ | CJK STROKE HZZZG | • 1st stroke of 4E43 乃                           |
| 31E2 | ㄣ | CJK STROKE PG    | • 1st stroke of 4E44 ㄣ                           |
| 31E3 | ㄣ | CJK STROKE Q     | • 6th stroke of 3514 𠂔                           |

|   | 31F       |
|---|-----------|
| 0 | ク<br>31F0 |
| 1 | シ<br>31F1 |
| 2 | ス<br>31F2 |
| 3 | ト<br>31F3 |
| 4 | ヌ<br>31F4 |
| 5 | ハ<br>31F5 |
| 6 | ヒ<br>31F6 |
| 7 | フ<br>31F7 |
| 8 | ヘ<br>31F8 |
| 9 | ホ<br>31F9 |
| A | ム<br>31FA |
| B | ラ<br>31FB |
| C | リ<br>31FC |
| D | ル<br>31FD |
| E | レ<br>31FE |
| F | ロ<br>31FF |

Phonetic extensions for Ainu

|      |   |                          |
|------|---|--------------------------|
| 31F0 | ク | KATAKANA LETTER SMALL KU |
| 31F1 | シ | KATAKANA LETTER SMALL SI |
| 31F2 | ス | KATAKANA LETTER SMALL SU |
| 31F3 | ト | KATAKANA LETTER SMALL TO |
| 31F4 | ヌ | KATAKANA LETTER SMALL NU |
| 31F5 | ハ | KATAKANA LETTER SMALL HA |
| 31F6 | ヒ | KATAKANA LETTER SMALL HI |
| 31F7 | フ | KATAKANA LETTER SMALL HU |
| 31F8 | ヘ | KATAKANA LETTER SMALL HE |
| 31F9 | ホ | KATAKANA LETTER SMALL HO |
| 31FA | ム | KATAKANA LETTER SMALL MU |
| 31FB | ラ | KATAKANA LETTER SMALL RA |
| 31FC | リ | KATAKANA LETTER SMALL RI |
| 31FD | ル | KATAKANA LETTER SMALL RU |
| 31FE | レ | KATAKANA LETTER SMALL RE |
| 31FF | ロ | KATAKANA LETTER SMALL RO |

|   | 320      | 321      | 322      | 323      | 324       | 325       | 326      | 327      | 328      | 329      | 32A      | 32B       | 32C      | 32D      | 32E      | 32F      |
|---|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|
| 0 | (ㄱ) 3200 | (다) 3210 | (一) 3220 | (日) 3230 | (祭) 3240  | PTE 3250  | (ㄱ) 3260 | (다) 3270 | (一) 3280 | (日) 3290 | (項) 32A0 | (夜) 32B0  | 1月 32C0  | (ア) 32D0 | (チ) 32E0 | (ム) 32F0 |
| 1 | (ㄴ) 3201 | (라) 3211 | (二) 3221 | (株) 3231 | (休) 3241  | (21) 3251 | (ㄴ) 3261 | (라) 3271 | (二) 3281 | (株) 3291 | (休) 32A1 | (36) 32B1 | 2月 32C1  | (イ) 32D1 | (ツ) 32E1 | (メ) 32F1 |
| 2 | (ㄷ) 3202 | (마) 3212 | (三) 3222 | (有) 3232 | (自) 3242  | (22) 3252 | (ㄷ) 3262 | (마) 3272 | (三) 3282 | (有) 3292 | (写) 32A2 | (37) 32B2 | 3月 32C2  | (ウ) 32D2 | (テ) 32E2 | (モ) 32F2 |
| 3 | (ㄹ) 3203 | (바) 3213 | (四) 3223 | (社) 3233 | (至) 3243  | (23) 3253 | (ㄹ) 3263 | (바) 3273 | (四) 3283 | (社) 3293 | (正) 32A3 | (38) 32B3 | 4月 32C3  | (エ) 32D3 | (ト) 32E3 | (ヤ) 32F3 |
| 4 | (ㄴ) 3204 | (사) 3214 | (五) 3224 | (名) 3234 | (問) 3244  | (24) 3254 | (ㄴ) 3264 | (사) 3274 | (五) 3284 | (名) 3294 | (上) 32A4 | (39) 32B4 | 5月 32C4  | (オ) 32D4 | (ナ) 32E4 | (ユ) 32F4 |
| 5 | (ㄷ) 3205 | (아) 3215 | (六) 3225 | (特) 3235 | (幼) 3245  | (25) 3255 | (ㄷ) 3265 | (아) 3275 | (六) 3285 | (特) 3295 | (中) 32A5 | (40) 32B5 | 6月 32C5  | (カ) 32D5 | (ニ) 32E5 | (ヨ) 32F5 |
| 6 | (ㄸ) 3206 | (자) 3216 | (七) 3226 | (財) 3236 | (文) 3246  | (26) 3256 | (ㄸ) 3266 | (자) 3276 | (七) 3286 | (財) 3296 | (下) 32A6 | (41) 32B6 | 7月 32C6  | (キ) 32D6 | (ヌ) 32E6 | (ラ) 32F6 |
| 7 | (ㅇ) 3207 | (차) 3217 | (八) 3227 | (祝) 3237 | (箏) 3247  | (27) 3257 | (ㅇ) 3267 | (차) 3277 | (八) 3287 | (祝) 3297 | (左) 32A7 | (42) 32B7 | 8月 32C7  | (ク) 32D7 | (ネ) 32E7 | (リ) 32F7 |
| 8 | (ㅈ) 3208 | (카) 3218 | (九) 3228 | (勞) 3238 | [10] 3248 | (28) 3258 | (ㅈ) 3268 | (카) 3278 | (九) 3288 | (勞) 3298 | (右) 32A8 | (43) 32B8 | 9月 32C8  | (ケ) 32D8 | (ノ) 32E8 | (ル) 32F8 |
| 9 | (ㅊ) 3209 | (타) 3219 | (十) 3229 | (代) 3239 | [20] 3249 | (29) 3259 | (ㅊ) 3269 | (타) 3279 | (十) 3289 | (秘) 3299 | (医) 32A9 | (44) 32B9 | 10月 32C9 | (コ) 32D9 | (ハ) 32E9 | (レ) 32F9 |
| A | (ㅋ) 320A | (파) 321A | (月) 322A | (呼) 323A | [30] 324A | (30) 325A | (ㅋ) 326A | (파) 327A | (月) 328A | (男) 329A | (宗) 32AA | (45) 32BA | 11月 32CA | (サ) 32DA | (ヒ) 32EA | (ロ) 32FA |
| B | (ㅌ) 320B | (하) 321B | (火) 322B | (學) 323B | [40] 324B | (31) 325B | (ㅌ) 326B | (하) 327B | (火) 328B | (女) 329B | (學) 32AB | (46) 32BB | 12月 32CB | (シ) 32DB | (フ) 32EB | (ワ) 32FB |
| C | (ㅍ) 320C | (주) 321C | (水) 322C | (監) 323C | [50] 324C | (32) 325C | (ㅍ) 326C | (주) 327C | (水) 328C | (適) 329C | (監) 32AC | (47) 32BC | Hg 32CC  | (ス) 32DC | (ヘ) 32EC | (ヰ) 32FC |
| D | (ㅎ) 320D | (연) 321D | (木) 322D | (企) 323D | [60] 324D | (33) 325D | (ㅎ) 326D | (연) 327D | (木) 328D | (優) 329D | (企) 32AD | (48) 32BD | erg 32CD | (セ) 32DD | (ホ) 32ED | (エ) 32FD |
| E | (가) 320E | (외) 321E | (金) 322E | (資) 323E | [70] 324E | (34) 325E | (가) 326E | (우) 327E | (金) 328E | (印) 329E | (資) 32AE | (49) 32BE | eV 32CE  | (ソ) 32DE | (マ) 32EE | (ヲ) 32FE |
| F | (나) 320F |          | (土) 322F | (協) 323F | [80] 324F | (35) 325F | (나) 326F | (국) 327F | (土) 328F | (注) 329F | (協) 32AF | (50) 32BF | LTD 32CF | (タ) 32DF | (ミ) 32EF | (讎) 32FF |

## Parenthesized Hangul letters

|      |     |                                                        |
|------|-----|--------------------------------------------------------|
| 3200 | (ㄱ) | PARENTHEZIZED HANGUL KIYEOK<br>≈ 0028 ( 1100 ㄱ 0029 )  |
| 3201 | (ㄴ) | PARENTHEZIZED HANGUL NIEUN<br>≈ 0028 ( 1102 ㄴ 0029 )   |
| 3202 | (ㄷ) | PARENTHEZIZED HANGUL TIKEUT<br>≈ 0028 ( 1103 ㄷ 0029 )  |
| 3203 | (ㄹ) | PARENTHEZIZED HANGUL RIEUL<br>≈ 0028 ( 1105 ㄹ 0029 )   |
| 3204 | (ㅁ) | PARENTHEZIZED HANGUL MIEUM<br>≈ 0028 ( 1106 ㅁ 0029 )   |
| 3205 | (ㅂ) | PARENTHEZIZED HANGUL PIEUP<br>≈ 0028 ( 1107 ㅂ 0029 )   |
| 3206 | (ㅅ) | PARENTHEZIZED HANGUL SIOS<br>≈ 0028 ( 1109 ㅅ 0029 )    |
| 3207 | (ㅇ) | PARENTHEZIZED HANGUL IEUNG<br>≈ 0028 ( 110B ㅇ 0029 )   |
| 3208 | (ㅈ) | PARENTHEZIZED HANGUL CIEUC<br>≈ 0028 ( 110C ㅈ 0029 )   |
| 3209 | (ㅊ) | PARENTHEZIZED HANGUL CHIEUCH<br>≈ 0028 ( 110E ㅊ 0029 ) |
| 320A | (ㅋ) | PARENTHEZIZED HANGUL KHIEUKH<br>≈ 0028 ( 110F ㅋ 0029 ) |
| 320B | (ㅌ) | PARENTHEZIZED HANGUL THIEUTH<br>≈ 0028 ( 1110 ㅌ 0029 ) |
| 320C | (ㅍ) | PARENTHEZIZED HANGUL PHIEUPH<br>≈ 0028 ( 1111 ㅍ 0029 ) |
| 320D | (ㅎ) | PARENTHEZIZED HANGUL HIEUH<br>≈ 0028 ( 1112 ㅎ 0029 )   |

## Parenthesized Hangul syllables

|      |     |                                                                 |
|------|-----|-----------------------------------------------------------------|
| 320E | (가) | PARENTHEZIZED HANGUL KIYEOK A<br>≈ 0028 ( 1100 ㄱ 1161 ㅏ 0029 )  |
| 320F | (나) | PARENTHEZIZED HANGUL NIEUN A<br>≈ 0028 ( 1102 ㄴ 1161 ㅑ 0029 )   |
| 3210 | (다) | PARENTHEZIZED HANGUL TIKEUT A<br>≈ 0028 ( 1103 ㄷ 1161 ㅓ 0029 )  |
| 3211 | (라) | PARENTHEZIZED HANGUL RIEUL A<br>≈ 0028 ( 1105 ㄹ 1161 ㅕ 0029 )   |
| 3212 | (마) | PARENTHEZIZED HANGUL MIEUM A<br>≈ 0028 ( 1106 ㅁ 1161 ㅗ 0029 )   |
| 3213 | (바) | PARENTHEZIZED HANGUL PIEUP A<br>≈ 0028 ( 1107 ㅂ 1161 ㅛ 0029 )   |
| 3214 | (사) | PARENTHEZIZED HANGUL SIOS A<br>≈ 0028 ( 1109 ㅅ 1161 ㅝ 0029 )    |
| 3215 | (아) | PARENTHEZIZED HANGUL IEUNG A<br>≈ 0028 ( 110B ㅇ 1161 ㅟ 0029 )   |
| 3216 | (자) | PARENTHEZIZED HANGUL CIEUC A<br>≈ 0028 ( 110C ㅈ 1161 ㅛ 0029 )   |
| 3217 | (차) | PARENTHEZIZED HANGUL CHIEUCH A<br>≈ 0028 ( 110E ㅊ 1161 ㅜ 0029 ) |
| 3218 | (카) | PARENTHEZIZED HANGUL KHIEUKH A<br>≈ 0028 ( 110F ㅋ 1161 ㅠ 0029 ) |
| 3219 | (타) | PARENTHEZIZED HANGUL THIEUTH A<br>≈ 0028 ( 1110 ㅌ 1161 ㅡ 0029 ) |
| 321A | (파) | PARENTHEZIZED HANGUL PHIEUPH A<br>≈ 0028 ( 1111 ㅍ 1161 ㅓ 0029 ) |
| 321B | (하) | PARENTHEZIZED HANGUL HIEUH A<br>≈ 0028 ( 1112 ㅎ 1161 ㅓ 0029 )   |
| 321C | (주) | PARENTHEZIZED HANGUL CIEUC U<br>≈ 0028 ( 110C ㅈ 116E ㅓ 0029 )   |

## Parenthesized Korean words

|      |     |                                                                                                                                |
|------|-----|--------------------------------------------------------------------------------------------------------------------------------|
| 321D | (예) | PARENTHEZIZED KOREAN CHARACTER OJEON<br>≈ 0028 ( 110B ㅇ 1169 ㅓ 110C ㅈ 1165 ㅓ 11AB ㅓ 0029 )                                     |
| 321E | (후) | PARENTHEZIZED KOREAN CHARACTER O HU<br>• preferred spelling for the name is ohu<br>≈ 0028 ( 110B ㅇ 1169 ㅓ 1112 ㅎ 116E ㅓ 0029 ) |

## Parenthesized ideographs

|      |     |                                                                           |
|------|-----|---------------------------------------------------------------------------|
| 3220 | (一) | PARENTHEZIZED IDEOGRAPH ONE<br>≈ 0028 ( 4E00 一 0029 )                     |
| 3221 | (二) | PARENTHEZIZED IDEOGRAPH TWO<br>≈ 0028 ( 4E8C 二 0029 )                     |
| 3222 | (三) | PARENTHEZIZED IDEOGRAPH THREE<br>≈ 0028 ( 4E09 三 0029 )                   |
| 3223 | (四) | PARENTHEZIZED IDEOGRAPH FOUR<br>≈ 0028 ( 56DB 四 0029 )                    |
| 3224 | (五) | PARENTHEZIZED IDEOGRAPH FIVE<br>≈ 0028 ( 4E94 五 0029 )                    |
| 3225 | (六) | PARENTHEZIZED IDEOGRAPH SIX<br>≈ 0028 ( 56D0 六 0029 )                     |
| 3226 | (七) | PARENTHEZIZED IDEOGRAPH SEVEN<br>≈ 0028 ( 4E03 七 0029 )                   |
| 3227 | (八) | PARENTHEZIZED IDEOGRAPH EIGHT<br>≈ 0028 ( 516B 八 0029 )                   |
| 3228 | (九) | PARENTHEZIZED IDEOGRAPH NINE<br>≈ 0028 ( 4E5D 九 0029 )                    |
| 3229 | (十) | PARENTHEZIZED IDEOGRAPH TEN<br>≈ 0028 ( 5341 十 0029 )                     |
| 322A | (月) | PARENTHEZIZED IDEOGRAPH MOON<br>• Monday<br>≈ 0028 ( 6708 月 0029 )        |
| 322B | (火) | PARENTHEZIZED IDEOGRAPH FIRE<br>• Tuesday<br>≈ 0028 ( 706B 火 0029 )       |
| 322C | (水) | PARENTHEZIZED IDEOGRAPH WATER<br>• Wednesday<br>≈ 0028 ( 6C34 水 0029 )    |
| 322D | (木) | PARENTHEZIZED IDEOGRAPH WOOD<br>• Thursday<br>≈ 0028 ( 6728 木 0029 )      |
| 322E | (金) | PARENTHEZIZED IDEOGRAPH METAL<br>• Friday<br>≈ 0028 ( 91D1 金 0029 )       |
| 322F | (土) | PARENTHEZIZED IDEOGRAPH EARTH<br>• Saturday<br>≈ 0028 ( 571F 土 0029 )     |
| 3230 | (日) | PARENTHEZIZED IDEOGRAPH SUN<br>• Sunday<br>≈ 0028 ( 65E5 日 0029 )         |
| 3231 | (株) | PARENTHEZIZED IDEOGRAPH STOCK<br>• incorporated<br>≈ 0028 ( 682A 株 0029 ) |
| 3232 | (有) | PARENTHEZIZED IDEOGRAPH HAVE<br>• limited<br>≈ 0028 ( 6709 有 0029 )       |
| 3233 | (社) | PARENTHEZIZED IDEOGRAPH SOCIETY<br>• company<br>≈ 0028 ( 793E 社 0029 )    |
| 3234 | (名) | PARENTHEZIZED IDEOGRAPH NAME<br>≈ 0028 ( 540D 名 0029 )                    |

|      |     |                                                                  |
|------|-----|------------------------------------------------------------------|
| 3235 | (特) | PARENTHEZIZED IDEOGRAPH SPECIAL<br>≈ 0028 ( 7279 特 0029 )        |
| 3236 | (財) | PARENTHEZIZED IDEOGRAPH FINANCIAL<br>≈ 0028 ( 8CA1 財 0029 )      |
| 3237 | (祝) | PARENTHEZIZED IDEOGRAPH CONGRATULATION<br>≈ 0028 ( 795D 祝 0029 ) |
| 3238 | (勞) | PARENTHEZIZED IDEOGRAPH LABOR<br>≈ 0028 ( 52B4 勞 0029 )          |
| 3239 | (代) | PARENTHEZIZED IDEOGRAPH REPRESENT<br>≈ 0028 ( 4EE3 代 0029 )      |
| 323A | (呼) | PARENTHEZIZED IDEOGRAPH CALL<br>≈ 0028 ( 547C 呼 0029 )           |
| 323B | (學) | PARENTHEZIZED IDEOGRAPH STUDY<br>≈ 0028 ( 5B66 學 0029 )          |
| 323C | (監) | PARENTHEZIZED IDEOGRAPH SUPERVISE<br>≈ 0028 ( 76E3 監 0029 )      |
| 323D | (企) | PARENTHEZIZED IDEOGRAPH ENTERPRISE<br>≈ 0028 ( 4F01 企 0029 )     |
| 323E | (資) | PARENTHEZIZED IDEOGRAPH RESOURCE<br>≈ 0028 ( 8CC7 資 0029 )       |
| 323F | (協) | PARENTHEZIZED IDEOGRAPH ALLIANCE<br>≈ 0028 ( 5354 協 0029 )       |
| 3240 | (祭) | PARENTHEZIZED IDEOGRAPH FESTIVAL<br>≈ 0028 ( 796D 祭 0029 )       |
| 3241 | (休) | PARENTHEZIZED IDEOGRAPH REST<br>≈ 0028 ( 4F11 休 0029 )           |
| 3242 | (自) | PARENTHEZIZED IDEOGRAPH SELF<br>• from<br>≈ 0028 ( 81EA 自 0029 ) |
| 3243 | (至) | PARENTHEZIZED IDEOGRAPH REACH<br>• to<br>≈ 0028 ( 81F3 至 0029 )  |

**Circled ideographs from ARIB STD B24**

|      |     |                                                     |
|------|-----|-----------------------------------------------------|
| 3244 | (問) | CIRCLED IDEOGRAPH QUESTION<br>≈ <circle> 554F 問     |
| 3245 | (幼) | CIRCLED IDEOGRAPH KINDERGARTEN<br>≈ <circle> 5E7C 幼 |
| 3246 | (文) | CIRCLED IDEOGRAPH SCHOOL<br>≈ <circle> 6587 文       |
| 3247 | (箏) | CIRCLED IDEOGRAPH KOTO<br>≈ <circle> 7B8F 箏         |

**Circled numbers on black squares from ARIB STD B24**

|      |    |                                                                 |
|------|----|-----------------------------------------------------------------|
| 3248 | 10 | CIRCLED NUMBER TEN ON BLACK SQUARE<br>= speed limit 10 km/h     |
| 3249 | 20 | CIRCLED NUMBER TWENTY ON BLACK SQUARE<br>= speed limit 20 km/h  |
| 324A | 30 | CIRCLED NUMBER THIRTY ON BLACK SQUARE<br>= speed limit 30 km/h  |
| 324B | 40 | CIRCLED NUMBER FORTY ON BLACK SQUARE<br>= speed limit 40 km/h   |
| 324C | 50 | CIRCLED NUMBER FIFTY ON BLACK SQUARE<br>= speed limit 50 km/h   |
| 324D | 60 | CIRCLED NUMBER SIXTY ON BLACK SQUARE<br>= speed limit 60 km/h   |
| 324E | 70 | CIRCLED NUMBER SEVENTY ON BLACK SQUARE<br>= speed limit 70 km/h |
| 324F | 80 | CIRCLED NUMBER EIGHTY ON BLACK SQUARE<br>= speed limit 80 km/h  |

**Squared Latin abbreviation**

|      |     |                                                     |
|------|-----|-----------------------------------------------------|
| 3250 | PTE | PARTNERSHIP SIGN<br>≈ <square> 0050 P 0054 T 0045 E |
|------|-----|-----------------------------------------------------|

**Circled numbers**

|      |    |                                                         |
|------|----|---------------------------------------------------------|
| 3251 | 21 | CIRCLED NUMBER TWENTY ONE<br>≈ <circle> 0032 2 0031 1   |
| 3252 | 22 | CIRCLED NUMBER TWENTY TWO<br>≈ <circle> 0032 2 0032 2   |
| 3253 | 23 | CIRCLED NUMBER TWENTY THREE<br>≈ <circle> 0032 2 0033 3 |
| 3254 | 24 | CIRCLED NUMBER TWENTY FOUR<br>≈ <circle> 0032 2 0034 4  |
| 3255 | 25 | CIRCLED NUMBER TWENTY FIVE<br>≈ <circle> 0032 2 0035 5  |
| 3256 | 26 | CIRCLED NUMBER TWENTY SIX<br>≈ <circle> 0032 2 0036 6   |
| 3257 | 27 | CIRCLED NUMBER TWENTY SEVEN<br>≈ <circle> 0032 2 0037 7 |
| 3258 | 28 | CIRCLED NUMBER TWENTY EIGHT<br>≈ <circle> 0032 2 0038 8 |
| 3259 | 29 | CIRCLED NUMBER TWENTY NINE<br>≈ <circle> 0032 2 0039 9  |
| 325A | 30 | CIRCLED NUMBER THIRTY<br>≈ <circle> 0033 3 0030 0       |
| 325B | 31 | CIRCLED NUMBER THIRTY ONE<br>≈ <circle> 0033 3 0031 1   |
| 325C | 32 | CIRCLED NUMBER THIRTY TWO<br>≈ <circle> 0033 3 0032 2   |
| 325D | 33 | CIRCLED NUMBER THIRTY THREE<br>≈ <circle> 0033 3 0033 3 |
| 325E | 34 | CIRCLED NUMBER THIRTY FOUR<br>≈ <circle> 0033 3 0034 4  |
| 325F | 35 | CIRCLED NUMBER THIRTY FIVE<br>≈ <circle> 0033 3 0035 5  |

**Circled Hangul letters**

|      |   |                                             |
|------|---|---------------------------------------------|
| 3260 | ㄱ | CIRCLED HANGUL KIYEOK<br>≈ <circle> 1100 ㄱ  |
| 3261 | ㄴ | CIRCLED HANGUL NIEUN<br>≈ <circle> 1102 ㄴ   |
| 3262 | ㄷ | CIRCLED HANGUL TIEUT<br>≈ <circle> 1103 ㄷ   |
| 3263 | ㄹ | CIRCLED HANGUL RIEUL<br>≈ <circle> 1105 ㄹ   |
| 3264 | ㅁ | CIRCLED HANGUL MIEUM<br>≈ <circle> 1106 ㅁ   |
| 3265 | ㅂ | CIRCLED HANGUL PIEUP<br>≈ <circle> 1107 ㅂ   |
| 3266 | ㅅ | CIRCLED HANGUL SIOS<br>≈ <circle> 1109 ㅅ    |
| 3267 | ㅇ | CIRCLED HANGUL IEUNG<br>≈ <circle> 110B ㅇ   |
| 3268 | ㅈ | CIRCLED HANGUL CIEUC<br>≈ <circle> 110C ㅈ   |
| 3269 | ㅊ | CIRCLED HANGUL CHIEUCH<br>≈ <circle> 110E ㅊ |
| 326A | ㅋ | CIRCLED HANGUL KHIEUKH<br>≈ <circle> 110F ㅋ |
| 326B | ㅌ | CIRCLED HANGUL THIEUTH<br>≈ <circle> 1110 ㅌ |
| 326C | ㅍ | CIRCLED HANGUL PHIEUPH<br>≈ <circle> 1111 ㅍ |

326D ㉔ CIRCLED HANGUL HIEUH  
≈ <circle> 1112 ㅎ

#### Circled Hangul syllables

326E ㉕ CIRCLED HANGUL KIYEOK A  
≈ <circle> 1100 ㅋ 1161 ㅏ

326F ㉖ CIRCLED HANGUL NIEUN A  
≈ <circle> 1102 ㄴ 1161 ㅑ

3270 ㉗ CIRCLED HANGUL TIEUT A  
≈ <circle> 1103 ㅌ 1161 ㅓ

3271 ㉘ CIRCLED HANGUL RIEUL A  
≈ <circle> 1105 ㄹ 1161 ㅕ

3272 ㉙ CIRCLED HANGUL MIEUM A  
≈ <circle> 1106 ㅁ 1161 ㅗ

3273 ㉚ CIRCLED HANGUL PIEUP A  
≈ <circle> 1107 ㅂ 1161 ㅛ

3274 ㉛ CIRCLED HANGUL SIOS A  
≈ <circle> 1109 ㅅ 1161 ㅜ

3275 ㉜ CIRCLED HANGUL IEUNG A  
≈ <circle> 1108 ㅇ 1161 ㅠ

3276 ㉝ CIRCLED HANGUL CIEUC A  
≈ <circle> 110C ㅈ 1161 ㅟ

3277 ㉞ CIRCLED HANGUL CHIEUCH A  
≈ <circle> 110E ㅊ 1161 ㅠ

3278 ㉟ CIRCLED HANGUL KHIEUKH A  
≈ <circle> 110F ㅋ 1161 ㅢ

3279 ㊱ CIRCLED HANGUL THIEUTH A  
≈ <circle> 1110 ㅌ 1161 ㅤ

327A ㊲ CIRCLED HANGUL PHIEUPH A  
≈ <circle> 1111 ㅍ 1161 ㅥ

327B ㊳ CIRCLED HANGUL HIEUH A  
≈ <circle> 1112 ㅎ 1161 ㅨ

#### Circled Korean words

327C ㊴ CIRCLED KOREAN CHARACTER CHAMKO  
≈ <circle> 110E ㅊ 1161 ㅠ 11B7 ㅱ 1100 ㅏ 1169 ㅙ

327D ㊵ CIRCLED KOREAN CHARACTER JUEUI  
≈ <circle> 110C ㅈ 116E ㅊ 110B ㅇ 1174 ㅓ

#### Circled Hangul syllable

327E ㊶ CIRCLED HANGUL IEUNG U  
• postal code mark  
≈ <circle> 110B ㅇ 116E ㅙ

#### Symbol

327F ㊷ KOREAN STANDARD SYMBOL

#### Circled ideographs

3280 ㊸ CIRCLED IDEOGRAPH ONE  
= maru-iti, symbol of unification  
≈ <circle> 4E00 一

3281 ㊹ CIRCLED IDEOGRAPH TWO  
≈ <circle> 4E8C 二

3282 ㊺ CIRCLED IDEOGRAPH THREE  
≈ <circle> 4E09 三

3283 ㊻ CIRCLED IDEOGRAPH FOUR  
≈ <circle> 56DB 四

3284 ㊼ CIRCLED IDEOGRAPH FIVE  
≈ <circle> 4E94 五

3285 ㊽ CIRCLED IDEOGRAPH SIX  
≈ <circle> 516D 六

3286 ㊾ CIRCLED IDEOGRAPH SEVEN  
≈ <circle> 4E03 七

3287 ㊿ CIRCLED IDEOGRAPH EIGHT  
≈ <circle> 516B 八

3288 ㊽ CIRCLED IDEOGRAPH NINE  
≈ <circle> 4E5D 九

3289 ㊾ CIRCLED IDEOGRAPH TEN  
≈ <circle> 5341 十

328A ㊿ CIRCLED IDEOGRAPH MOON  
• Monday  
≈ <circle> 6708 月

328B ㊽ CIRCLED IDEOGRAPH FIRE  
• Tuesday  
≈ <circle> 706B 火

328C ㊾ CIRCLED IDEOGRAPH WATER  
• Wednesday  
≈ <circle> 6C34 水

328D ㊿ CIRCLED IDEOGRAPH WOOD  
• Thursday  
≈ <circle> 6728 木

328E ㊽ CIRCLED IDEOGRAPH METAL  
• Friday  
≈ <circle> 90D1 金

328F ㊾ CIRCLED IDEOGRAPH EARTH  
• Saturday  
≈ <circle> 571F 土

3290 ㊿ CIRCLED IDEOGRAPH SUN  
• Sunday  
≈ <circle> 65E5 日

3291 ㊽ CIRCLED IDEOGRAPH STOCK  
• incorporated  
≈ <circle> 682A 株

3292 ㊾ CIRCLED IDEOGRAPH HAVE  
• limited  
≈ <circle> 6709 有

3293 ㊿ CIRCLED IDEOGRAPH SOCIETY  
• company  
≈ <circle> 793E 社

3294 ㊽ CIRCLED IDEOGRAPH NAME  
≈ <circle> 540D 名

3295 ㊿ CIRCLED IDEOGRAPH SPECIAL  
≈ <circle> 7279 特

3296 ㊽ CIRCLED IDEOGRAPH FINANCIAL  
≈ <circle> 8CA1 財

3297 ㊾ CIRCLED IDEOGRAPH CONGRATULATION  
≈ <circle> 795D 祝

3298 ㊿ CIRCLED IDEOGRAPH LABOR  
≈ <circle> 52B4 劳

3299 ㊽ CIRCLED IDEOGRAPH SECRET  
≈ <circle> 79D8 秘

329A ㊿ CIRCLED IDEOGRAPH MALE  
≈ <circle> 7537 男

329B ㊽ CIRCLED IDEOGRAPH FEMALE  
≈ <circle> 5973 女

329C ㊾ CIRCLED IDEOGRAPH SUITABLE  
≈ <circle> 9069 適

329D ㊿ CIRCLED IDEOGRAPH EXCELLENT  
≈ <circle> 512A 優

329E ㊽ CIRCLED IDEOGRAPH PRINT  
• name seal  
≈ <circle> 5370 印

329F ㊾ CIRCLED IDEOGRAPH ATTENTION  
≈ <circle> 6CE8 注

32A0 ㊿ CIRCLED IDEOGRAPH ITEM  
≈ <circle> 9805 項



|      |   |                                                          |
|------|---|----------------------------------------------------------|
| 32A1 | 休 | CIRCLED IDEOGRAPH REST<br>• holiday<br>≈ <circle> 4F11 休 |
| 32A2 | 写 | CIRCLED IDEOGRAPH COPY<br>≈ <circle> 5199 写              |
| 32A3 | 正 | CIRCLED IDEOGRAPH CORRECT<br>≈ <circle> 6B63 正           |
| 32A4 | 上 | CIRCLED IDEOGRAPH HIGH<br>≈ <circle> 4E0A 上              |
| 32A5 | 中 | CIRCLED IDEOGRAPH CENTRE<br>≈ <circle> 4E2D 中            |
| 32A6 | 下 | CIRCLED IDEOGRAPH LOW<br>≈ <circle> 4E0B 下               |
| 32A7 | 左 | CIRCLED IDEOGRAPH LEFT<br>≈ <circle> 5DE6 左              |
| 32A8 | 右 | CIRCLED IDEOGRAPH RIGHT<br>≈ <circle> 53F3 右             |
| 32A9 | 医 | CIRCLED IDEOGRAPH MEDICINE<br>≈ <circle> 533B 医          |
| 32AA | 宗 | CIRCLED IDEOGRAPH RELIGION<br>≈ <circle> 5B97 宗          |
| 32AB | 学 | CIRCLED IDEOGRAPH STUDY<br>≈ <circle> 5B66 学             |
| 32AC | 監 | CIRCLED IDEOGRAPH SUPERVISE<br>≈ <circle> 76E3 監         |
| 32AD | 企 | CIRCLED IDEOGRAPH ENTERPRISE<br>≈ <circle> 4F01 企        |
| 32AE | 資 | CIRCLED IDEOGRAPH RESOURCE<br>≈ <circle> 8CC7 資          |
| 32AF | 協 | CIRCLED IDEOGRAPH ALLIANCE<br>≈ <circle> 5354 協          |
| 32B0 | 夜 | CIRCLED IDEOGRAPH NIGHT<br>≈ <circle> 591C 夜             |

**Circled numbers**

|      |    |                                                         |
|------|----|---------------------------------------------------------|
| 32B1 | ③⑥ | CIRCLED NUMBER THIRTY SIX<br>≈ <circle> 0033 3 0036 6   |
| 32B2 | ③⑦ | CIRCLED NUMBER THIRTY SEVEN<br>≈ <circle> 0033 3 0037 7 |
| 32B3 | ③⑧ | CIRCLED NUMBER THIRTY EIGHT<br>≈ <circle> 0033 3 0038 8 |
| 32B4 | ③⑨ | CIRCLED NUMBER THIRTY NINE<br>≈ <circle> 0033 3 0039 9  |
| 32B5 | ④⑩ | CIRCLED NUMBER FORTY<br>≈ <circle> 0034 4 0030 0        |
| 32B6 | ④① | CIRCLED NUMBER FORTY ONE<br>≈ <circle> 0034 4 0031 1    |
| 32B7 | ④② | CIRCLED NUMBER FORTY TWO<br>≈ <circle> 0034 4 0032 2    |
| 32B8 | ④③ | CIRCLED NUMBER FORTY THREE<br>≈ <circle> 0034 4 0033 3  |
| 32B9 | ④④ | CIRCLED NUMBER FORTY FOUR<br>≈ <circle> 0034 4 0034 4   |
| 32BA | ④⑤ | CIRCLED NUMBER FORTY FIVE<br>≈ <circle> 0034 4 0035 5   |
| 32BB | ④⑥ | CIRCLED NUMBER FORTY SIX<br>≈ <circle> 0034 4 0036 6    |
| 32BC | ④⑦ | CIRCLED NUMBER FORTY SEVEN<br>≈ <circle> 0034 4 0037 7  |
| 32BD | ④⑧ | CIRCLED NUMBER FORTY EIGHT<br>≈ <circle> 0034 4 0038 8  |
| 32BE | ④⑨ | CIRCLED NUMBER FORTY NINE<br>≈ <circle> 0034 4 0039 9   |

|      |    |                                                  |
|------|----|--------------------------------------------------|
| 32BF | ⑤⑩ | CIRCLED NUMBER FIFTY<br>≈ <circle> 0035 5 0030 0 |
|------|----|--------------------------------------------------|

**Telegraph symbols for months**

|      |     |                                                                     |
|------|-----|---------------------------------------------------------------------|
| 32C0 | 1月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JANUARY<br>≈ 0031 1 6708 月         |
| 32C1 | 2月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR FEBRUARY<br>≈ 0032 2 6708 月        |
| 32C2 | 3月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR MARCH<br>≈ 0033 3 6708 月           |
| 32C3 | 4月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR APRIL<br>≈ 0034 4 6708 月           |
| 32C4 | 5月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR MAY<br>≈ 0035 5 6708 月             |
| 32C5 | 6月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JUNE<br>≈ 0036 6 6708 月            |
| 32C6 | 7月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JULY<br>≈ 0037 7 6708 月            |
| 32C7 | 8月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR AUGUST<br>≈ 0038 8 6708 月          |
| 32C8 | 9月  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR SEPTEMBER<br>≈ 0039 9 6708 月       |
| 32C9 | 10月 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR OCTOBER<br>≈ 0031 1 0030 0 6708 月  |
| 32CA | 11月 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR NOVEMBER<br>≈ 0031 1 0031 1 6708 月 |
| 32CB | 12月 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DECEMBER<br>≈ 0031 1 0032 2 6708 月 |

**Squared Latin abbreviations**

|      |     |                                                           |
|------|-----|-----------------------------------------------------------|
| 32CC | Hg  | SQUARE HG<br>≈ <square> 0048 H 0067 g                     |
| 32CD | erg | SQUARE ERG<br>≈ <square> 0065 e 0072 r 0067 g             |
| 32CE | eV  | SQUARE EV<br>≈ <square> 0065 e 0056 V                     |
| 32CF | LTD | LIMITED LIABILITY SIGN<br>≈ <square> 004C L 0054 T 0044 D |

**Circled Katakana**

|      |   |                                          |
|------|---|------------------------------------------|
| 32D0 | ㇏ | CIRCLED KATAKANA A<br>≈ <circle> 30A2 ア  |
| 32D1 | ㇏ | CIRCLED KATAKANA I<br>≈ <circle> 30A4 イ  |
| 32D2 | ㇏ | CIRCLED KATAKANA U<br>≈ <circle> 30A6 ウ  |
| 32D3 | ㇏ | CIRCLED KATAKANA E<br>≈ <circle> 30A8 エ  |
| 32D4 | ㇏ | CIRCLED KATAKANA O<br>≈ <circle> 30AA オ  |
| 32D5 | ㇏ | CIRCLED KATAKANA KA<br>≈ <circle> 30AB カ |
| 32D6 | ㇏ | CIRCLED KATAKANA KI<br>≈ <circle> 30AD キ |
| 32D7 | ㇏ | CIRCLED KATAKANA KU<br>≈ <circle> 30AF ク |

|      |   |                                          |                          |    |                                                    |
|------|---|------------------------------------------|--------------------------|----|----------------------------------------------------|
| 32D8 | ㇶ | CIRCLED KATAKANA KE<br>≈ <circle> 30B1 ケ | 32F7                     | ㇷ  | CIRCLED KATAKANA RI<br>≈ <circle> 30EA リ           |
| 32D9 | ㇷ | CIRCLED KATAKANA KO<br>≈ <circle> 30B3 コ | 32F8                     | ㇸ  | CIRCLED KATAKANA RU<br>≈ <circle> 30EB ル           |
| 32DA | ㇸ | CIRCLED KATAKANA SA<br>≈ <circle> 30B5 サ | 32F9                     | ㇹ  | CIRCLED KATAKANA RE<br>≈ <circle> 30EC レ           |
| 32DB | ㇹ | CIRCLED KATAKANA SI<br>≈ <circle> 30B7 シ | 32FA                     | ㇺ  | CIRCLED KATAKANA RO<br>≈ <circle> 30ED ロ           |
| 32DC | ㇺ | CIRCLED KATAKANA SU<br>≈ <circle> 30B9 ス | 32FB                     | ㇻ  | CIRCLED KATAKANA WA<br>≈ <circle> 30EF ワ           |
| 32DD | ㇻ | CIRCLED KATAKANA SE<br>≈ <circle> 30BB セ | 32FC                     | ㇼ  | CIRCLED KATAKANA WI<br>≈ <circle> 30F0 ㇼ           |
| 32DE | ㇼ | CIRCLED KATAKANA SO<br>≈ <circle> 30BD ソ | 32FD                     | ㇽ  | CIRCLED KATAKANA WE<br>≈ <circle> 30F1 エ           |
| 32DF | ㇽ | CIRCLED KATAKANA TA<br>≈ <circle> 30BF タ | 32FE                     | ㇾ  | CIRCLED KATAKANA WO<br>≈ <circle> 30F2 フ           |
| 32E0 | ㇾ | CIRCLED KATAKANA TI<br>≈ <circle> 30C1 チ | <b>Japanese era name</b> |    |                                                    |
| 32E1 | ㇿ | CIRCLED KATAKANA TU<br>≈ <circle> 30C4 ツ | 32FF                     | 令和 | SQUARE ERA NAME REIWA<br>≈ <square> 4EE4 令和 548C 和 |
| 32E2 | ㇿ | CIRCLED KATAKANA TE<br>≈ <circle> 30C6 テ |                          |    |                                                    |
| 32E3 | ㇿ | CIRCLED KATAKANA TO<br>≈ <circle> 30C8 ト |                          |    |                                                    |
| 32E4 | ㇿ | CIRCLED KATAKANA NA<br>≈ <circle> 30CA ナ |                          |    |                                                    |
| 32E5 | ㇿ | CIRCLED KATAKANA NI<br>≈ <circle> 30CB ニ |                          |    |                                                    |
| 32E6 | ㇿ | CIRCLED KATAKANA NU<br>≈ <circle> 30CC ヌ |                          |    |                                                    |
| 32E7 | ㇿ | CIRCLED KATAKANA NE<br>≈ <circle> 30CD ネ |                          |    |                                                    |
| 32E8 | ㇿ | CIRCLED KATAKANA NO<br>≈ <circle> 30CE ノ |                          |    |                                                    |
| 32E9 | ㇿ | CIRCLED KATAKANA HA<br>≈ <circle> 30CF ハ |                          |    |                                                    |
| 32EA | ㇿ | CIRCLED KATAKANA HI<br>≈ <circle> 30D2 ヒ |                          |    |                                                    |
| 32EB | ㇿ | CIRCLED KATAKANA HU<br>≈ <circle> 30D5 フ |                          |    |                                                    |
| 32EC | ㇿ | CIRCLED KATAKANA HE<br>≈ <circle> 30D8 ヘ |                          |    |                                                    |
| 32ED | ㇿ | CIRCLED KATAKANA HO<br>≈ <circle> 30DB ホ |                          |    |                                                    |
| 32EE | ㇿ | CIRCLED KATAKANA MA<br>≈ <circle> 30DE マ |                          |    |                                                    |
| 32EF | ㇿ | CIRCLED KATAKANA MI<br>≈ <circle> 30DF ミ |                          |    |                                                    |
| 32F0 | ㇿ | CIRCLED KATAKANA MU<br>≈ <circle> 30E0 ム |                          |    |                                                    |
| 32F1 | ㇿ | CIRCLED KATAKANA ME<br>≈ <circle> 30E1 メ |                          |    |                                                    |
| 32F2 | ㇿ | CIRCLED KATAKANA MO<br>≈ <circle> 30E2 モ |                          |    |                                                    |
| 32F3 | ㇿ | CIRCLED KATAKANA YA<br>≈ <circle> 30E4 ヤ |                          |    |                                                    |
| 32F4 | ㇿ | CIRCLED KATAKANA YU<br>≈ <circle> 30E6 ユ |                          |    |                                                    |
| 32F5 | ㇿ | CIRCLED KATAKANA YO<br>≈ <circle> 30E8 ヨ |                          |    |                                                    |
| 32F6 | ㇿ | CIRCLED KATAKANA RA<br>≈ <circle> 30E9 ラ |                          |    |                                                    |



|   | 330               | 331                | 332               | 333                 | 334                  | 335               | 336         | 337                     | 338          | 339                     | 33A                        | 33B        | 33C          | 33D          | 33E         | 33F         |
|---|-------------------|--------------------|-------------------|---------------------|----------------------|-------------------|-------------|-------------------------|--------------|-------------------------|----------------------------|------------|--------------|--------------|-------------|-------------|
| 0 | アパート<br>3300      | ギガ<br>3310         | サン<br>チーム<br>3320 | ピコ<br>3330          | ポンド<br>3340          | ユア<br>ン<br>3350   | 8点<br>3360  | 24点<br>3370             | pA<br>3380   | Hz<br>3390              | cm <sup>2</sup><br>33A0    | ps<br>33B0 | kΩ<br>33C0   | lm<br>33D0   | 1日<br>33E0  | 17日<br>33F0 |
| 1 | アル<br>ファ<br>3301  | ギニ<br>ー<br>3311    | シリ<br>ング<br>3321  | ビル<br>3331          | ホール<br>3341          | リッ<br>トル<br>3351  | 9点<br>3361  | hPa<br>3371             | nA<br>3381   | kHz<br>3391             | m <sup>2</sup><br>33A1     | ns<br>33B1 | MΩ<br>33C1   | ln<br>33D1   | 2日<br>33E1  | 18日<br>33F1 |
| 2 | アン<br>ペア<br>3302  | キュ<br>リー<br>3312   | セン<br>チ<br>3322   | ファ<br>ラッド<br>3332   | ホー<br>ン<br>3342      | リ<br>ラ<br>3352    | 10点<br>3362 | da<br>3372              | μA<br>3382   | MHz<br>3392             | km <sup>2</sup><br>33A2    | μs<br>33B2 | a.m.<br>33C2 | log<br>33D2  | 3日<br>33E2  | 19日<br>33F2 |
| 3 | アール<br>3303       | ギル<br>ダート<br>3313  | セント<br>3323       | フィ<br>ート<br>3333    | マイ<br>クロ<br>3343     | ルピ<br>ー<br>3353   | 11点<br>3363 | AU<br>3373              | mA<br>3383   | GHz<br>3393             | mm <sup>3</sup><br>33A3    | ms<br>33B3 | Bq<br>33C3   | lx<br>33D3   | 4日<br>33E3  | 20日<br>33F3 |
| 4 | イニ<br>ング<br>3304  | キ<br>ロ<br>3314     | ダ<br>ース<br>3324   | ブッ<br>ジェル<br>3334   | マイ<br>ル<br>3344      | ルー<br>ブル<br>3354  | 12点<br>3364 | bar<br>3374             | kA<br>3384   | THz<br>3394             | cm <sup>3</sup><br>33A4    | pV<br>33B4 | cc<br>33C4   | mb<br>33D4   | 5日<br>33E4  | 21日<br>33F4 |
| 5 | イン<br>チ<br>3305   | キロ<br>グラム<br>3315  | デ<br>シ<br>3325    | フラ<br>ン<br>3335     | マッ<br>ハ<br>3345      | レ<br>ム<br>3355    | 13点<br>3365 | oV<br>3375              | KB<br>3385   | μℓ<br>3395              | m <sup>3</sup><br>33A5     | nV<br>33B5 | cd<br>33C5   | mil<br>33D5  | 6日<br>33E5  | 22日<br>33F5 |
| 6 | ウォ<br>ン<br>3306   | キロメ<br>ートル<br>3316 | ドル<br>3326        | ヘク<br>タール<br>3336   | マル<br>ク<br>3346      | レン<br>トゲン<br>3356 | 14点<br>3366 | pc<br>3376              | MB<br>3386   | mℓ<br>3396              | km <sup>3</sup><br>33A6    | μV<br>33B6 | C/kg<br>33C6 | mol<br>33D6  | 7日<br>33E6  | 23日<br>33F6 |
| 7 | エス<br>クード<br>3307 | キロ<br>ワット<br>3317  | トン<br>3327        | ペ<br>ソ<br>3337      | マン<br>ション<br>3347    | ワッ<br>ト<br>3357   | 15点<br>3367 | dm<br>3377              | GB<br>3387   | dℓ<br>3397              | m/s<br>33A7                | mV<br>33B7 | Co.<br>33C7  | pH<br>33D7   | 8日<br>33E7  | 24日<br>33F7 |
| 8 | エー<br>カー<br>3308  | グラ<br>ム<br>3318    | ナ<br>ノ<br>3328    | ペニ<br>ヒ<br>3338     | ミク<br>ロ<br>ン<br>3348 | 0点<br>3358        | 16点<br>3368 | dm <sup>2</sup><br>3378 | cal<br>3388  | kℓ<br>3398              | m/s <sup>2</sup><br>33A8   | kV<br>33B8 | dB<br>33C8   | p.m.<br>33D8 | 9日<br>33E8  | 25日<br>33F8 |
| 9 | オン<br>ス<br>3309   | グラム<br>トン<br>3319  | ノッ<br>ト<br>3329   | ヘル<br>ツ<br>3339     | ミリ<br>3349           | 1点<br>3359        | 17点<br>3369 | dm <sup>3</sup><br>3379 | kcal<br>3389 | fm<br>3399              | Pa<br>33A9                 | MV<br>33B9 | Gy<br>33C9   | PPM<br>33D9  | 10日<br>33E9 | 26日<br>33F9 |
| A | オー<br>ム<br>330A   | クル<br>ゼイ<br>331A   | ハイ<br>ツ<br>332A   | ペン<br>ス<br>333A     | ミ<br>リ<br>334A       | 2点<br>335A        | 18点<br>336A | IU<br>337A              | pF<br>338A   | nm<br>339A              | kPa<br>33A0                | pW<br>33B0 | ha<br>33C0   | PR<br>33D0   | 11日<br>33E0 | 27日<br>33F0 |
| B | カイ<br>リ<br>330B   | クロ<br>ーネ<br>331B   | パー<br>セント<br>332B | ペ<br>ン<br>シ<br>333B | メ<br>ガ<br>334B       | 3点<br>335B        | 19点<br>336B | 平成<br>337B              | nF<br>338B   | μm<br>339B              | MPa<br>33A0                | nW<br>33B0 | HP<br>33C0   | sr<br>33D0   | 12日<br>33E0 | 28日<br>33F0 |
| C | カラ<br>ット<br>330C  | ケー<br>ス<br>331C    | パー<br>ツ<br>332C   | ベー<br>タ<br>333C     | メガ<br>トン<br>334C     | 4点<br>335C        | 20点<br>336C | 昭和<br>337C              | μF<br>338C   | mm<br>339C              | GPa<br>33A0                | μW<br>33B0 | in<br>33C0   | Sv<br>33D0   | 13日<br>33E0 | 29日<br>33F0 |
| D | カロ<br>リー<br>330D  | コロ<br>ナ<br>331D    | バー<br>レル<br>332D  | ポイ<br>ント<br>333D    | メー<br>トル<br>334D     | 5点<br>335D        | 21点<br>336D | 大正<br>337D              | μg<br>338D   | cm<br>339D              | rad<br>33A0                | mW<br>33B0 | KK<br>33C0   | Wb<br>33D0   | 14日<br>33E0 | 30日<br>33F0 |
| E | ガロ<br>ン<br>330E   | コー<br>ポ<br>331E    | ピア<br>ストル<br>332E | ボル<br>ト<br>333E     | ヤード<br>334E          | 6点<br>335E        | 22点<br>336E | 明治<br>337E              | mg<br>338E   | km<br>339E              | rad/s<br>33A0              | kW<br>33B0 | KM<br>33C0   | V/m<br>33D0  | 15日<br>33E0 | 31日<br>33F0 |
| F | ガン<br>マ<br>330F   | サイ<br>クル<br>331F   | ピク<br>ル<br>332F   | ホン<br>333F          | ヤール<br>334F          | 7点<br>335F        | 23点<br>336F | 株式<br>会社<br>337F        | kg<br>338F   | mm <sup>2</sup><br>339F | rad/s <sup>2</sup><br>33A0 | MW<br>33B0 | kt<br>33C0   | A/m<br>33D0  | 16日<br>33E0 | gal<br>33F0 |

## Squared Katakana words

|      |          |                                                                                                       |
|------|----------|-------------------------------------------------------------------------------------------------------|
| 3300 | アパ<br>二  | SQUARE APAATO<br>• apartment<br>≈ <square> 30A2 ア 30D1 パ 30FC ー 30C8 ト                                |
| 3301 | アル<br>フ  | SQUARE ARUHUA<br>• alpha<br>≈ <square> 30A2 ア 30EB ル 30D5 フ 30A1 ア                                    |
| 3302 | アン<br>ベ  | SQUARE ANPEA<br>• ampere<br>≈ <square> 30A2 ア 30F3 ン 30DA ペ 30A2 ア                                    |
| 3303 | アル       | SQUARE AARU<br>• are (unit of area)<br>≈ <square> 30A2 ア 30FC ー 30EB ル                                |
| 3304 | イン<br>シ  | SQUARE ININGU<br>• inning<br>≈ <square> 30A4 イ 30CB ニ 30F3 ン 30B0 グ                                   |
| 3305 | イン<br>チ  | SQUARE INTI<br>• inch<br>≈ <square> 30A4 イ 30F3 ン 30C1 チ                                              |
| 3306 | ウォ<br>ン  | SQUARE UON<br>• won (Korean currency)<br>≈ <square> 30A6 ウ 30A9 オ 30F3 ン                              |
| 3307 | エス<br>キ  | SQUARE ESUKUUDO<br>• escudo (Portuguese currency)<br>≈ <square> 30A8 エ 30B9 ス 30AF ク<br>30FC ー 30C9 ド |
| 3308 | エー<br>カ  | SQUARE EEKAA<br>• acre<br>≈ <square> 30A8 エ 30FC ー 30AB カ 30FC ー                                      |
| 3309 | オン<br>ス  | SQUARE ONSU<br>• ounce<br>≈ <square> 30AA オ 30F3 ン 30B9 ス                                             |
| 330A | オー<br>ム  | SQUARE OOMU<br>• ohm<br>≈ <square> 30AA オ 30FC ー 30E0 ム                                               |
| 330B | カイ<br>リ  | SQUARE KAIRI<br>• kai-ri: nautical mile<br>≈ <square> 30AB カ 30A4 イ 30EA リ                            |
| 330C | カラ<br>ット | SQUARE KARATTO<br>• carat<br>≈ <square> 30AB カ 30E9 ラ 30C3 ツ 30C8 ト                                   |
| 330D | カロ<br>リ  | SQUARE KARORI<br>• calorie<br>≈ <square> 30AB カ 30ED ロ 30EA リ 30FC ー                                  |
| 330E | ガロ<br>ン  | SQUARE GARON<br>• gallon<br>≈ <square> 30AC ガ 30ED ロ 30F3 ン                                           |
| 330F | ガン<br>マ  | SQUARE GANMA<br>• gamma<br>≈ <square> 30AC ガ 30F3 ン 30DE マ                                            |
| 3310 | ギガ       | SQUARE GIGA<br>• giga-<br>≈ <square> 30AE ギ 30AC ガ                                                    |
| 3311 | ギニ       | SQUARE GINII<br>• guinea<br>≈ <square> 30AE ギ 30CB ニ 30FC ー                                           |
| 3312 | キュ<br>リ  | SQUARE KYURII<br>• curie<br>≈ <square> 30AD キ 30E5 ユ 30EA リ 30FC ー                                    |
| 3313 | ギル<br>ダ  | SQUARE GIRUDAA<br>• guilder<br>≈ <square> 30AE ギ 30EB ル 30C0 ダ 30FC ー                                 |

|      |            |                                                                                                         |
|------|------------|---------------------------------------------------------------------------------------------------------|
| 3314 | キロ         | SQUARE KIRO<br>• kilo-<br>≈ <square> 30AD キ 30ED ロ                                                      |
| 3315 | キログ<br>ラム  | SQUARE KIROGURAMU<br>• kilogram<br>≈ <square> 30AD キ 30ED ロ 30B0 グ<br>30E9 ラ 30E0 ム                     |
| 3316 | キロメ<br>ートル | SQUARE KIROMEETORU<br>• kilometer<br>≈ <square> 30AD キ 30ED ロ 30E1 メ<br>30FC ー 30C8 ト 30EB ル            |
| 3317 | キロワ<br>ット  | SQUARE KIROWATTO<br>• kilowatt<br>≈ <square> 30AD キ 30ED ロ 30EE ワ<br>30C3 ツ 30C8 ト                      |
| 3318 | グラム        | SQUARE GURAMU<br>• gram<br>≈ <square> 30B0 グ 30E9 ラ 30E0 ム                                              |
| 3319 | グラム<br>トン  | SQUARE GURAMUTON<br>• gram ton<br>≈ <square> 30B0 グ 30E9 ラ 30E0 ム<br>30C8 ト 30F3 ン                      |
| 331A | クル<br>ゼイロ  | SQUARE KURUZEIRO<br>• cruzeiro (Brazilian currency)<br>≈ <square> 30AF ク 30EB ル 30BC ゼ<br>30A4 イ 30ED ロ |
| 331B | クロー<br>ナ   | SQUARE KUROONE<br>• krone<br>≈ <square> 30AF ク 30ED ロ 30FC ー 30CD ネ                                     |
| 331C | ケース        | SQUARE KEESU<br>• case<br>≈ <square> 30B1 ケ 30FC ー 30B9 ス                                               |
| 331D | コル<br>ナ    | SQUARE KORUNA<br>• koruna (Czech currency)<br>≈ <square> 30B3 コ 30EB ル 30CA ナ                           |
| 331E | コー<br>ポ    | SQUARE KOOPO<br>• co-op<br>≈ <square> 30B3 コ 30FC ー 30DD ポ                                              |
| 331F | サイ<br>クル   | SQUARE SAIKURU<br>• cycle<br>≈ <square> 30B5 サ 30A4 イ 30AF ク 30EB ル                                     |
| 3320 | サンチ<br>ム   | SQUARE SANTIIMU<br>• centime<br>≈ <square> 30B5 サ 30F3 ン 30C1 チ<br>30FC ー 30E0 ム                        |
| 3321 | シリ<br>ング   | SQUARE SIRINGU<br>• shilling<br>≈ <square> 30B7 シ 30EA リ 30F3 ン 30B0 グ                                  |
| 3322 | センチ        | SQUARE SENTI<br>• centi-<br>≈ <square> 30BB セ 30F3 ン 30C1 チ                                             |
| 3323 | セント        | SQUARE SENTO<br>• cent<br>≈ <square> 30BB セ 30F3 ン 30C8 ト                                               |
| 3324 | ダース        | SQUARE DAASU<br>• dozen<br>≈ <square> 30C0 ダ 30FC ー 30B9 ス                                              |
| 3325 | デシ         | SQUARE DESI<br>• deci-<br>≈ <square> 30C7 デ 30B7 シ                                                      |
| 3326 | ドル         | SQUARE DORU<br>• dollar<br>≈ <square> 30C9 ド 30EB ル                                                     |

|      |       |                                                                                                                                                                                  |
|------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3327 | トン    | SQUARE TON<br>• ton<br>≈ <square> 30C8 ト 30F3 シ                                                                                                                                  |
| 3328 | ナノ    | SQUARE NANO<br>• nano-<br>≈ <square> 30CA ナ 30CE ノ                                                                                                                               |
| 3329 | ノット   | SQUARE NOTTO<br>• knot, nautical mile<br>≈ <square> 30CE ノ 30C3 ツ 30C8 ト                                                                                                         |
| 332A | ハイ    | SQUARE HAITU<br>• heights<br>≈ <square> 30CF ハ 30A4 イ 30C4 ツ                                                                                                                     |
| 332B | パーセント | SQUARE PAASENTO<br>• percent<br>≈ <square> 30D1 パ 30FC ー 30BB セ 30F3 シ 30C8 ト                                                                                                    |
| 332C | バーツ   | SQUARE PAATU<br>• a mistaken, unused representation originally intended for the Thai baht currency sign<br>→ 0E3F ฿ thai currency symbol baht<br>≈ <square> 30D1 パ 30FC ー 30C4 ツ |
| 332D | バレル   | SQUARE BAARERU<br>• barrel<br>≈ <square> 30D0 バ 30FC ー 30EC レ 30EB ル                                                                                                             |
| 332E | ピアス   | SQUARE PIASUTORU<br>• piaster<br>≈ <square> 30D4 ピ 30A2 ア 30B9 ス 30C8 ト 30EB ル                                                                                                   |
| 332F | ピクル   | SQUARE PIKURU<br>• picul (unit of weight)<br>≈ <square> 30D4 ピ 30AF ク 30EB ル                                                                                                     |
| 3330 | ピコ    | SQUARE PIKO<br>• pico-<br>≈ <square> 30D4 ピ 30B3 コ                                                                                                                               |
| 3331 | ビル    | SQUARE BIRU<br>• building<br>≈ <square> 30D3 ビ 30EB ル                                                                                                                            |
| 3332 | ファッド  | SQUARE HUARADDO<br>• farad<br>≈ <square> 30D5 フ 30A1 ア 30E9 ラ 30C3 ツ 30C9 ド                                                                                                      |
| 3333 | フィート  | SQUARE HUITO<br>• feet<br>≈ <square> 30D5 フ 30A3 イ 30FC ー 30C8 ト                                                                                                                 |
| 3334 | ブッシュ  | SQUARE BUSSEYERU<br>• bushel<br>≈ <square> 30D6 ブ 30C3 ツ 30B7 シ 30A7 セ 30EB ル                                                                                                    |
| 3335 | フラン   | SQUARE HURAN<br>• franc<br>≈ <square> 30D5 フ 30E9 ラ 30F3 シ                                                                                                                       |
| 3336 | ヘクタール | SQUARE HEKUTAARU<br>• hectare<br>≈ <square> 30D8 ヘ 30AF ク 30BF タ 30FC ー 30EB ル                                                                                                   |
| 3337 | ペソ    | SQUARE PESO<br>• peso<br>≈ <square> 30DA ペ 30BD ソ                                                                                                                                |
| 3338 | ペニヒ   | SQUARE PENIHI<br>• pfennig<br>≈ <square> 30DA ペ 30CB ニ 30D2 ヒ                                                                                                                    |
| 3339 | ヘルツ   | SQUARE HERUTU<br>• hertz<br>≈ <square> 30D8 ヘ 30EB ル 30C4 ツ                                                                                                                      |
| 333A | ペン    | SQUARE PENSU<br>• pence<br>≈ <square> 30DA ペ 30F3 シ 30B9 ス                                                                                                                       |
| 333B | ページ   | SQUARE PEEZI<br>• page<br>≈ <square> 30DA ペ 30FC ー 30B8 ジ                                                                                                                        |
| 333C | ベータ   | SQUARE BEETA<br>• beta<br>≈ <square> 30D9 ベ 30FC ー 30BF タ                                                                                                                        |
| 333D | ポイント  | SQUARE POINTO<br>• point<br>≈ <square> 30DD ポ 30A4 イ 30F3 シ 30C8 ト                                                                                                               |
| 333E | ボルト   | SQUARE BORUTO<br>• volt, bolt<br>≈ <square> 30DC ボ 30EB ル 30C8 ト                                                                                                                 |
| 333F | ホン    | SQUARE HON<br>• hon: volume<br>≈ <square> 30DB ホ 30F3 シ                                                                                                                          |
| 3340 | ポンド   | SQUARE PONDO<br>• pound<br>≈ <square> 30DD ポ 30F3 シ 30C9 ド                                                                                                                       |
| 3341 | ホール   | SQUARE HOORU<br>• hall<br>≈ <square> 30DB ホ 30FC ー 30EB ル                                                                                                                        |
| 3342 | ホーン   | SQUARE HOON<br>• horn<br>≈ <square> 30DB ホ 30FC ー 30F3 シ                                                                                                                         |
| 3343 | マイクロ  | SQUARE MAIKURO<br>• micro-<br>≈ <square> 30DE マ 30A4 イ 30AF ク 30ED ロ                                                                                                             |
| 3344 | マイル   | SQUARE MAIRU<br>• mile<br>≈ <square> 30DE マ 30A4 イ 30EB ル                                                                                                                        |
| 3345 | マッハ   | SQUARE MAHHA<br>• mach<br>≈ <square> 30DE マ 30C3 ツ 30CF ハ                                                                                                                        |
| 3346 | マルク   | SQUARE MARUKU<br>• mark<br>≈ <square> 30DE マ 30EB ル 30AF ク                                                                                                                       |
| 3347 | マンション | SQUARE MANSYON<br>• mansion (i.e. better quality apartment)<br>≈ <square> 30DE マ 30F3 シ 30B7 シ 30E7 ヨ 30F3 シ                                                                     |
| 3348 | ミクロン  | SQUARE MIKURON<br>• micron<br>≈ <square> 30DF ミ 30AF ク 30ED ロ 30F3 シ                                                                                                             |
| 3349 | ミリ    | SQUARE MIRI<br>• milli-<br>≈ <square> 30DF ミ 30EA リ                                                                                                                              |
| 334A | ミリバール | SQUARE MIRIBAARU<br>• millibar<br>≈ <square> 30DF ミ 30EA リ 30D0 バ 30FC ー 30EB ル                                                                                                  |
| 334B | メガ    | SQUARE MEGA<br>• mega-<br>≈ <square> 30E1 メ 30AC ガ                                                                                                                               |
| 334C | メガトン  | SQUARE MEGATON<br>• megaton<br>≈ <square> 30E1 メ 30AC ガ 30C8 ト 30F3 シ                                                                                                            |

|      |       |                                                                                |
|------|-------|--------------------------------------------------------------------------------|
| 334D | メートル  | SQUARE MEETORU<br>• meter<br>≈ <square> 30E1 メ 30FC ー 30C8 ト 30EB ル            |
| 334E | ヤード   | SQUARE YAADO<br>• yard<br>≈ <square> 30E4 ヤ 30FC ー 30C9 ド                      |
| 334F | ヤール   | SQUARE YAARU<br>• yard<br>≈ <square> 30E4 ヤ 30FC ー 30EB ル                      |
| 3350 | Yuan  | SQUARE YUAN<br>• yuan (Chinese currency)<br>≈ <square> 30E6 ユ 30A2 ア 30F3 ン    |
| 3351 | リットル  | SQUARE RITTORU<br>• liter<br>≈ <square> 30EA リ 30C3 ツ 30C8 ト 30EB ル            |
| 3352 | リラ    | SQUARE RIRA<br>• lira<br>≈ <square> 30EA リ 30E9 ラ                              |
| 3353 | ルピー   | SQUARE RUPII<br>• rupee<br>≈ <square> 30EB ル 30D4 ヒ 30FC ー                     |
| 3354 | ルーブル  | SQUARE RUUBURU<br>• ruble<br>≈ <square> 30EB ル 30FC ー 30D6 ブ 30EB ル            |
| 3355 | レム    | SQUARE REMU<br>• rem (unit of radiation)<br>≈ <square> 30EC レ 30E0 ム           |
| 3356 | レントゲン | SQUARE RENTOGEN<br>• roentgen<br>≈ <square> 30EC レ 30F3 ン 30C8 ト 30B2 ゲ 30F3 ン |
| 3357 | ワット   | SQUARE WATTO<br>• watt<br>≈ <square> 30EF ワ 30C3 ツ 30C8 ト                      |

**Telegraph symbols for hours**

|      |    |                                                                |
|------|----|----------------------------------------------------------------|
| 3358 | 0点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ZERO<br>≈ 0030 0 70B9 点  |
| 3359 | 1点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ONE<br>≈ 0031 1 70B9 点   |
| 335A | 2点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWO<br>≈ 0032 2 70B9 点   |
| 335B | 3点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR THREE<br>≈ 0033 3 70B9 点 |
| 335C | 4点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FOUR<br>≈ 0034 4 70B9 点  |
| 335D | 5点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FIVE<br>≈ 0035 5 70B9 点  |
| 335E | 6点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SIX<br>≈ 0036 6 70B9 点   |
| 335F | 7点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SEVEN<br>≈ 0037 7 70B9 点 |
| 3360 | 8点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR EIGHT<br>≈ 0038 8 70B9 点 |

|      |     |                                                                              |
|------|-----|------------------------------------------------------------------------------|
| 3361 | 9点  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR NINE<br>≈ 0039 9 70B9 点                |
| 3362 | 10点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TEN<br>≈ 0031 1 0030 0 70B9 点          |
| 3363 | 11点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ELEVEN<br>≈ 0031 1 0031 1 70B9 点       |
| 3364 | 12点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWELVE<br>≈ 0031 1 0032 2 70B9 点       |
| 3365 | 13点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR THIRTEEN<br>≈ 0031 1 0033 3 70B9 点     |
| 3366 | 14点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FOURTEEN<br>≈ 0031 1 0034 4 70B9 点     |
| 3367 | 15点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FIFTEEN<br>≈ 0031 1 0035 5 70B9 点      |
| 3368 | 16点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SIXTEEN<br>≈ 0031 1 0036 6 70B9 点      |
| 3369 | 17点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SEVENTEEN<br>≈ 0031 1 0037 7 70B9 点    |
| 336A | 18点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR EIGHTEEN<br>≈ 0031 1 0038 8 70B9 点     |
| 336B | 19点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR NINETEEN<br>≈ 0031 1 0039 9 70B9 点     |
| 336C | 20点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY<br>≈ 0032 2 0030 0 70B9 点       |
| 336D | 21点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-ONE<br>≈ 0032 2 0031 1 70B9 点   |
| 336E | 22点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-TWO<br>≈ 0032 2 0032 2 70B9 点   |
| 336F | 23点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-THREE<br>≈ 0032 2 0033 3 70B9 点 |
| 3370 | 24点 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-FOUR<br>≈ 0032 2 0034 4 70B9 点  |

**Squared Latin abbreviations**

|      |     |                                               |
|------|-----|-----------------------------------------------|
| 3371 | hPa | SQUARE HPA<br>≈ <square> 0068 h 0050 P 0061 a |
| 3372 | da  | SQUARE DA<br>≈ <square> 0064 d 0061 a         |
| 3373 | AU  | SQUARE AU<br>≈ <square> 0041 A 0055 U         |
| 3374 | bar | SQUARE BAR<br>≈ <square> 0062 b 0061 a 0072 r |
| 3375 | oV  | SQUARE OV<br>≈ <square> 006F o 0056 V         |
| 3376 | pc  | SQUARE PC<br>≈ <square> 0070 p 0063 c         |
| 3377 | dm  | SQUARE DM<br>≈ <square> 0064 d 006D m         |

|      |                 |                                                                 |
|------|-----------------|-----------------------------------------------------------------|
| 3378 | dm <sup>2</sup> | SQUARE DM SQUARED<br>≈ <square> 0064 d 006D m 00B2 <sup>2</sup> |
| 3379 | dm <sup>3</sup> | SQUARE DM CUBED<br>≈ <square> 0064 d 006D m 00B3 <sup>3</sup>   |
| 337A | IU              | SQUARE IU<br>≈ <square> 0049 I 0055 U                           |

**Japanese era names**

|      |    |                                                     |
|------|----|-----------------------------------------------------|
| 337B | 平成 | SQUARE ERA NAME HEISEI<br>≈ <square> 5E73 平 6210 成  |
| 337C | 昭和 | SQUARE ERA NAME SYOUWA<br>≈ <square> 662D 昭 548C 和  |
| 337D | 大正 | SQUARE ERA NAME TAISYOU<br>≈ <square> 5927 大 6B63 正 |
| 337E | 明治 | SQUARE ERA NAME MEIZI<br>≈ <square> 660E 明 6CBB 治   |

**Japanese corporation**

|      |      |                                                                                                     |
|------|------|-----------------------------------------------------------------------------------------------------|
| 337F | 株式会社 | SQUARE CORPORATION<br>= kabusiki-gaisya<br>• incorporated<br>≈ <square> 682A 株 5F0F 式 4F1A 会 793E 社 |
|------|------|-----------------------------------------------------------------------------------------------------|

**Squared Latin abbreviations**

|      |      |                                                       |
|------|------|-------------------------------------------------------|
| 3380 | pA   | SQUARE PA AMPS<br>≈ <square> 0070 p 0041 A            |
| 3381 | nA   | SQUARE NA<br>≈ <square> 006E n 0041 A                 |
| 3382 | μA   | SQUARE MU A<br>≈ <square> 03BC μ 0041 A               |
| 3383 | mA   | SQUARE MA<br>≈ <square> 006D m 0041 A                 |
| 3384 | kA   | SQUARE KA<br>≈ <square> 006B k 0041 A                 |
| 3385 | KB   | SQUARE KB<br>≈ <square> 004B K 0042 B                 |
| 3386 | MB   | SQUARE MB<br>≈ <square> 004D M 0042 B                 |
| 3387 | GB   | SQUARE GB<br>≈ <square> 0047 G 0042 B                 |
| 3388 | cal  | SQUARE CAL<br>≈ <square> 0063 c 0061 a 006C l         |
| 3389 | kcal | SQUARE KCAL<br>≈ <square> 006B k 0063 c 0061 a 006C l |
| 338A | pF   | SQUARE PF<br>≈ <square> 0070 p 0046 F                 |
| 338B | nF   | SQUARE NF<br>≈ <square> 006E n 0046 F                 |
| 338C | μF   | SQUARE MU F<br>≈ <square> 03BC μ 0046 F               |
| 338D | μg   | SQUARE MU G<br>≈ <square> 03BC μ 0067 g               |
| 338E | mg   | SQUARE MG<br>≈ <square> 006D m 0067 g                 |
| 338F | kg   | SQUARE KG<br>≈ <square> 006B k 0067 g                 |
| 3390 | Hz   | SQUARE HZ<br>≈ <square> 0048 H 007A z                 |
| 3391 | kHz  | SQUARE KHZ<br>≈ <square> 006B k 0048 H 007A z         |
| 3392 | MHz  | SQUARE MHZ<br>≈ <square> 004D M 0048 H 007A z         |
| 3393 | GHz  | SQUARE GHZ<br>≈ <square> 0047 G 0048 H 007A z         |

|      |     |                                               |
|------|-----|-----------------------------------------------|
| 3394 | THz | SQUARE THZ<br>≈ <square> 0054 T 0048 H 007A z |
|------|-----|-----------------------------------------------|

**Abbreviations involving liter symbols**

The glyphs for these squared abbreviations may use the SI symbol for liter, "l" or "L", instead of a script l.

|      |    |                                         |
|------|----|-----------------------------------------|
| 3395 | μl | SQUARE MU L<br>≈ <square> 03BC μ 2113 l |
| 3396 | ml | SQUARE ML<br>≈ <square> 006D m 2113 l   |
| 3397 | dl | SQUARE DL<br>≈ <square> 0064 d 2113 l   |
| 3398 | kl | SQUARE KL<br>≈ <square> 006B k 2113 l   |

**Squared Latin abbreviations**

|      |                  |                                                                              |
|------|------------------|------------------------------------------------------------------------------|
| 3399 | fm               | SQUARE FM<br>≈ <square> 0066 f 006D m                                        |
| 339A | nm               | SQUARE NM<br>≈ <square> 006E n 006D m                                        |
| 339B | μm               | SQUARE MU M<br>≈ <square> 03BC μ 006D m                                      |
| 339C | mm               | SQUARE MM<br>≈ <square> 006D m 006D m                                        |
| 339D | cm               | SQUARE CM<br>≈ <square> 0063 c 006D m                                        |
| 339E | km               | SQUARE KM<br>≈ <square> 006B k 006D m                                        |
| 339F | mm <sup>2</sup>  | SQUARE MM SQUARED<br>≈ <square> 006D m 006D m 00B2 <sup>2</sup>              |
| 33A0 | cm <sup>2</sup>  | SQUARE CM SQUARED<br>≈ <square> 0063 c 006D m 00B2 <sup>2</sup>              |
| 33A1 | m <sup>2</sup>   | SQUARE M SQUARED<br>≈ <square> 006D m 00B2 <sup>2</sup>                      |
| 33A2 | km <sup>2</sup>  | SQUARE KM SQUARED<br>≈ <square> 006B k 006D m 00B2 <sup>2</sup>              |
| 33A3 | mm <sup>3</sup>  | SQUARE MM CUBED<br>≈ <square> 006D m 006D m 00B3 <sup>3</sup>                |
| 33A4 | cm <sup>3</sup>  | SQUARE CM CUBED<br>≈ <square> 0063 c 006D m 00B3 <sup>3</sup>                |
| 33A5 | m <sup>3</sup>   | SQUARE M CUBED<br>≈ <square> 006D m 00B3 <sup>3</sup>                        |
| 33A6 | km <sup>3</sup>  | SQUARE KM CUBED<br>≈ <square> 006B k 006D m 00B3 <sup>3</sup>                |
| 33A7 | m/s              | SQUARE M OVER S<br>≈ <square> 006D m 2215 / 0073 s                           |
| 33A8 | m/s <sup>2</sup> | SQUARE M OVER S SQUARED<br>≈ <square> 006D m 2215 / 0073 s 00B2 <sup>2</sup> |
| 33A9 | Pa               | SQUARE PA<br>≈ <square> 0050 P 0061 a                                        |
| 33AA | kPa              | SQUARE KPA<br>≈ <square> 006B k 0050 P 0061 a                                |
| 33AB | MPa              | SQUARE MPA<br>≈ <square> 004D M 0050 P 0061 a                                |
| 33AC | GPa              | SQUARE GPA<br>≈ <square> 0047 G 0050 P 0061 a                                |
| 33AD | rad              | SQUARE RAD<br>≈ <square> 0072 r 0061 a 0064 d                                |
| 33AE | rad/s            | SQUARE RAD OVER S<br>≈ <square> 0072 r 0061 a 0064 d 2215 / 0073 s           |



|                                   |                  |                                                                                                                                                                                              |
|-----------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 33AF                              | rad <sup>2</sup> | SQUARE RAD OVER S SQUARED<br>≈ <square> 0072 r 0061 a 0064 d 2215 / 0073 s 00B2 ²                                                                                                            |
| 33B0                              | ps               | SQUARE PS<br>≈ <square> 0070 p 0073 s                                                                                                                                                        |
| 33B1                              | ns               | SQUARE NS<br>≈ <square> 006E n 0073 s                                                                                                                                                        |
| 33B2                              | μs               | SQUARE MU S<br>≈ <square> 03BC μ 0073 s                                                                                                                                                      |
| 33B3                              | ms               | SQUARE MS<br>≈ <square> 006D m 0073 s                                                                                                                                                        |
| 33B4                              | pV               | SQUARE PV<br>≈ <square> 0070 p 0056 V                                                                                                                                                        |
| 33B5                              | nV               | SQUARE NV<br>≈ <square> 006E n 0056 V                                                                                                                                                        |
| 33B6                              | μV               | SQUARE MU V<br>≈ <square> 03BC μ 0056 V                                                                                                                                                      |
| 33B7                              | mV               | SQUARE MV<br>≈ <square> 006D m 0056 V                                                                                                                                                        |
| 33B8                              | kV               | SQUARE KV<br>≈ <square> 006B k 0056 V                                                                                                                                                        |
| 33B9                              | MV               | SQUARE MV MEGA<br>≈ <square> 004D M 0056 V                                                                                                                                                   |
| 33BA                              | pW               | SQUARE PW<br>≈ <square> 0070 p 0057 W                                                                                                                                                        |
| 33BB                              | nW               | SQUARE NW<br>≈ <square> 006E n 0057 W                                                                                                                                                        |
| 33BC                              | μW               | SQUARE MU W<br>≈ <square> 03BC μ 0057 W                                                                                                                                                      |
| 33BD                              | mW               | SQUARE MW<br>≈ <square> 006D m 0057 W                                                                                                                                                        |
| 33BE                              | kW               | SQUARE KW<br>≈ <square> 006B k 0057 W                                                                                                                                                        |
| 33BF                              | MW               | SQUARE MW MEGA<br>≈ <square> 004D M 0057 W                                                                                                                                                   |
| 33C0                              | kΩ               | SQUARE K OHM<br>≈ <square> 006B k 03A9 Ω                                                                                                                                                     |
| 33C1                              | MΩ               | SQUARE M OHM<br>≈ <square> 004D M 03A9 Ω                                                                                                                                                     |
| 33C2                              | a.m.             | SQUARE AM<br>≈ <square> 0061 a 002E . 006D m 002E .                                                                                                                                          |
| 33C3                              | Bq               | SQUARE BQ<br>≈ <square> 0042 B 0071 q                                                                                                                                                        |
| 33C4                              | cc               | SQUARE CC<br>≈ <square> 0063 c 0063 c                                                                                                                                                        |
| 33C5                              | cd               | SQUARE CD<br>≈ 1F12D © circled cd<br>≈ <square> 0063 c 0064 d                                                                                                                                |
| 33C6                              | C/kg             | SQUARE C OVER KG<br>≈ <square> 0043 C 2215 / 006B k 0067 g                                                                                                                                   |
| 33C7                              | Co               | SQUARE CO<br>≈ <square> 0043 C 006F o 002E .                                                                                                                                                 |
| 33C8                              | dB               | SQUARE DB<br>≈ <square> 0064 d 0042 B                                                                                                                                                        |
| 33C9                              | Gy               | SQUARE GY<br>≈ <square> 0047 G 0079 y                                                                                                                                                        |
| 33CA                              | ha               | SQUARE HA<br>≈ <square> 0068 h 0061 a                                                                                                                                                        |
| 33CB                              | HP               | SQUARE HP<br>≈ <square> 0048 H 0050 P                                                                                                                                                        |
| 33CC                              | in               | SQUARE IN<br>≈ <square> 0069 i 006E n                                                                                                                                                        |
| 33CD                              | KK               | SQUARE KK<br>≈ <square> 004B K 004B K                                                                                                                                                        |
| 33CE                              | KM               | SQUARE KM CAPITAL<br>≈ <square> 004B K 004D M                                                                                                                                                |
| 33CF                              | kt               | SQUARE KT<br>≈ <square> 006B k 0074 t                                                                                                                                                        |
| 33D0                              | lm               | SQUARE LM<br>≈ <square> 006C l 006D m                                                                                                                                                        |
| 33D1                              | ln               | SQUARE LN<br>≈ <square> 006C l 006E n                                                                                                                                                        |
| 33D2                              | log              | SQUARE LOG<br>≈ <square> 006C l 006F o 0067 g                                                                                                                                                |
| 33D3                              | lx               | SQUARE LX<br>≈ <square> 006C l 0078 x                                                                                                                                                        |
| 33D4                              | mb               | SQUARE MB SMALL<br>≈ <square> 006D m 0062 b                                                                                                                                                  |
| 33D5                              | mil              | SQUARE MIL<br>≈ <square> 006D m 0069 i 006C l                                                                                                                                                |
| 33D6                              | mol              | SQUARE MOL<br>≈ <square> 006D m 006F o 006C l                                                                                                                                                |
| 33D7                              | pH               | SQUARE PH<br>• casing/inconsistency in the compatibility decomposition is a known anomaly dating from glyph presentations in very early versions of the standard<br>≈ <square> 0050 P 0048 H |
| 33D8                              | pm               | SQUARE PM<br>≈ <square> 0070 p 002E . 006D m 002E .                                                                                                                                          |
| 33D9                              | PPM              | SQUARE PPM<br>≈ <square> 0050 P 0050 P 004D M                                                                                                                                                |
| 33DA                              | PR               | SQUARE PR<br>≈ <square> 0050 P 0052 R                                                                                                                                                        |
| 33DB                              | sr               | SQUARE SR<br>≈ <square> 0073 s 0072 r                                                                                                                                                        |
| 33DC                              | Sv               | SQUARE SV<br>≈ <square> 0053 S 0076 v                                                                                                                                                        |
| 33DD                              | Wb               | SQUARE WB<br>≈ <square> 0057 W 0062 b                                                                                                                                                        |
| 33DE                              | V/m              | SQUARE V OVER M<br>≈ <square> 0056 V 2215 / 006D m                                                                                                                                           |
| 33DF                              | A/m              | SQUARE A OVER M<br>≈ <square> 0041 A 2215 / 006D m                                                                                                                                           |
| <b>Telegraph symbols for days</b> |                  |                                                                                                                                                                                              |
| 33E0                              | 1日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY ONE<br>≈ 0031 1 65E5 日                                                                                                                                  |
| 33E1                              | 2日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWO<br>≈ 0032 2 65E5 日                                                                                                                                  |
| 33E2                              | 3日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THREE<br>≈ 0033 3 65E5 日                                                                                                                                |
| 33E3                              | 4日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FOUR<br>≈ 0034 4 65E5 日                                                                                                                                 |
| 33E4                              | 5日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FIVE<br>≈ 0035 5 65E5 日                                                                                                                                 |
| 33E5                              | 6日               | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SIX<br>≈ 0036 6 65E5 日                                                                                                                                  |

|                                   |     |                                                                             |
|-----------------------------------|-----|-----------------------------------------------------------------------------|
| 33E6                              | 7日  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SEVEN<br>≈ 0037 7 65E5 日               |
| 33E7                              | 8日  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY EIGHT<br>≈ 0038 8 65E5 日               |
| 33E8                              | 9日  | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY NINE<br>≈ 0039 9 65E5 日                |
| 33E9                              | 10日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TEN<br>≈ 0031 1 0030 0 65E5 日          |
| 33EA                              | 11日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY ELEVEN<br>≈ 0031 1 0031 1 65E5 日       |
| 33EB                              | 12日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWELVE<br>≈ 0031 1 0032 2 65E5 日       |
| 33EC                              | 13日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTEEN<br>≈ 0031 1 0033 3 65E5 日     |
| 33ED                              | 14日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FOURTEEN<br>≈ 0031 1 0034 4 65E5 日     |
| 33EE                              | 15日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FIFTEEN<br>≈ 0031 1 0035 5 65E5 日      |
| 33EF                              | 16日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SIXTEEN<br>≈ 0031 1 0036 6 65E5 日      |
| 33F0                              | 17日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SEVENTEEN<br>≈ 0031 1 0037 7 65E5 日    |
| 33F1                              | 18日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY EIGHTEEN<br>≈ 0031 1 0038 8 65E5 日     |
| 33F2                              | 19日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY NINETEEN<br>≈ 0031 1 0039 9 65E5 日     |
| 33F3                              | 20日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY<br>≈ 0032 2 0030 0 65E5 日       |
| 33F4                              | 21日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-ONE<br>≈ 0032 2 0031 1 65E5 日   |
| 33F5                              | 22日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-TWO<br>≈ 0032 2 0032 2 65E5 日   |
| 33F6                              | 23日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-THREE<br>≈ 0032 2 0033 3 65E5 日 |
| 33F7                              | 24日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-FOUR<br>≈ 0032 2 0034 4 65E5 日  |
| 33F8                              | 25日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-FIVE<br>≈ 0032 2 0035 5 65E5 日  |
| 33F9                              | 26日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-SIX<br>≈ 0032 2 0036 6 65E5 日   |
| 33FA                              | 27日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-SEVEN<br>≈ 0032 2 0037 7 65E5 日 |
| 33FB                              | 28日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-EIGHT<br>≈ 0032 2 0038 8 65E5 日 |
| 33FC                              | 29日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-NINE<br>≈ 0032 2 0039 9 65E5 日  |
| 33FD                              | 30日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTY<br>≈ 0033 3 0030 0 65E5 日       |
| 33FE                              | 31日 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTY-ONE<br>≈ 0033 3 0031 1 65E5 日   |
| <b>Squared Latin abbreviation</b> |     |                                                                             |
| 33FF                              | gal | SQUARE GAL<br>≈ <square> 0067 g 0061 a 006C 1                               |



|                                                                     |                                                           |                                                           |
|---------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| 34A9<br>人 9.21<br>𡗗<br>G5-332A<br>𡗘<br>T4-6A41<br>𡗙<br>K3-2168      | 34BC<br>𡗚<br>GKX-0129.32<br>𡗛<br>T5-3126<br>𡗜<br>JA4-232B | 34CE<br>𡗝<br>G3-325E<br>𡗞<br>T4-2843                      |
| 34AA<br>人 9.24<br>𡗟<br>GKX-0122.12<br>𡗠<br>T3-613C                  | 34BD<br>𡗡<br>G3-483C<br>𡗢<br>T4-363D                      | 34CF<br>𡗣<br>GKX-0132.29<br>𡗤<br>T3-2B3C<br>𡗥<br>K3-2170  |
| 34AB<br>儿 10.4<br>𡗦<br>GKX-0124.14<br>𡗧<br>T4-2233<br>𡗨<br>JA-213D  | 34BE<br>𡗩<br>G3-483D<br>𡗪<br>T4-3C32                      | 34D0<br>𡗫<br>GKX-0132.34<br>𡗬<br>T3-2F5D                  |
| 34AC<br>儿 10.6<br>𡗭<br>GS-2431<br>𡗮<br>TF-265A                      | 34BF<br>𡗯<br>G3-483E<br>𡗰<br>T4-6A42                      | 34D1<br>𡗱<br>GKX-0132.36<br>𡗲<br>T3-2F5C<br>𡗳<br>K3-2171  |
| 34AD<br>儿 10.8<br>𡗵<br>GKX-0125.19<br>𡗶<br>T4-2B69                  | 34C0<br>下<br>K3-216D                                      | 34D2<br>𡗷<br>K3-2172<br>𡗸<br>T3-2172                      |
| 34AE<br>儿 10.9<br>𡗹<br>GS-2430                                      | 34C1<br>𡗺<br>JA4-7468<br>𡗻<br>K6-1003<br>𡗼<br>H-8BDC      | 34D3<br>𡗽<br>GKX-0133.07<br>𡗾<br>T4-304D                  |
| 34AF<br>儿 10.16<br>𡗿<br>T3-5754<br>𡘀<br>K3-216A<br>𡘁<br>H-96F7      | 34C2<br>𡘂<br>GHZ-10304.01<br>𡘃<br>T3-2B3A                 | 34D4<br>𡘄<br>GKX-0133.12<br>𡘅<br>T3-397B                  |
| 34B0<br>入 11.3<br>𡘆<br>GKX-0126.03<br>𡘇<br>T3-2176                  | 34C3<br>𡘈<br>G5-3373<br>𡘉<br>T3-3978<br>𡘊<br>JA-2143      | 34D5<br>𡘋<br>T3-397C                                      |
| 34B1<br>入 11.3<br>𡘌<br>K3-216B                                      | 34C4<br>𡘍<br>G3-3354<br>𡘎<br>T4-4922                      | 34D6<br>𡘏<br>G5-3365<br>𡘐<br>T4-3C34<br>𡘑<br>K3-2173      |
| 34B2<br>入 11.4<br>𡘒<br>GKX-0126.08<br>𡘓<br>T3-2279<br>𡘔<br>K3-273D  | 34C5<br>𡘕<br>GKX-0131.16<br>𡘖<br>T3-2150                  | 34D7<br>𡘗<br>GKX-0133.33<br>𡘘<br>T3-4579<br>𡘙<br>JA-2144  |
| 34B3<br>入 11.5<br>𡘚<br>GKX-0126.10<br>𡘛<br>T3-2455                  | 34C6<br>𡘜<br>GS-2239<br>𡘝<br>T3-2321<br>𡘞<br>JA-232F      | 34D8<br>𡘟<br>G3-3253<br>𡘠<br>T5-3129<br>𡘡<br>UTC-00639    |
| 34B4<br>入 11.5<br>𡘢<br>GKX-0126.12<br>𡘣<br>T5-2337<br>𡘤<br>JA-213E  | 34C7<br>𡘥<br>T3-2321<br>𡘦<br>JA-232F                      | 34D9<br>𡘧<br>K3-2174                                      |
| 34B5<br>八 12.5<br>𡘨<br>GKX-0127.16<br>𡘩<br>T6-257B<br>𡘪<br>JA3-2E53 | 34C8<br>𡘫<br>GKX-0132.04<br>𡘬<br>T3-2458<br>𡘭<br>H-97DB   | 34DA<br>𡘮<br>G3-3360<br>𡘯<br>T4-2161                      |
| 34B6<br>八 12.5<br>𡘰<br>GKX-0127.17<br>𡘱<br>T6-257D<br>𡘲<br>JA-213F  | 34C9<br>𡘳<br>GKX-0132.08<br>𡘴<br>T5-252E<br>𡘵<br>K3-216F  | 34DB<br>𡘶<br>T6-2241<br>𡘷<br>JA3-2E5B                     |
| 34B7<br>八 12.5<br>𡘸<br>GHZ-10244.03<br>𡘹<br>T3-2456<br>𡘺<br>V2-6E7B | 34CA<br>𡘻<br>GKX-0132.09<br>𡘼<br>T3-2757                  | 34DC<br>𡘽<br>GHZ-21093.08<br>𡘾<br>T3-217E<br>𡘿<br>JA-225C |
| 34B8<br>八 12.7<br>𡘼<br>G5-313A<br>𡘽<br>T3-2B38                      | 34CB<br>𡘾<br>GKX-0132.13<br>𡘿<br>T3-2756                  | 34DD<br>𡙀<br>G5-342F<br>𡙁<br>T4-223C<br>𡙂<br>JA-2146      |
| 34B9<br>八 12.18<br>𡙃<br>GKX-0128.28<br>𡙄<br>T7-4D3D<br>𡙅<br>K3-2C76 | 34CC<br>𡙆<br>GKX-0132.19<br>𡙇<br>T3-2758                  | 34DE<br>𡙈<br>G5-337E<br>𡙉<br>T5-2230                      |
| 34BA<br>冂 13.6<br>𡙊<br>T3-2A4C                                      | 34CD<br>𡙋<br>GS-2238                                      | 34DF<br>𡙌<br>G5-5E65<br>𡙍<br>T4-233E<br>𡙎<br>V0-3048      |
| 34BB<br>冂 13.9<br>𡙏<br>G3-483A<br>𡙐<br>T4-304C                      |                                                           |                                                           |

|                 |             |         |         |                 |             |         |         |                 |              |         |         |
|-----------------|-------------|---------|---------|-----------------|-------------|---------|---------|-----------------|--------------|---------|---------|
| 3773<br>寸 41.2  | 𣎵           |         |         | 3786<br>九 43.8  | 𡵓           | 𡵓       | 𡵓       | 3799<br>尸 44.8  | 𡵓            | 𡵓       |         |
|                 | K3-236C     |         |         |                 | G5-374F     | T4-3132 | K3-2376 |                 | GHZ-20877.12 | T3-3545 |         |
| 3774<br>寸 41.4  | 𣎵           | 𣎵       |         | 3787<br>九 43.9  | 𡵓           | 𡵓       |         | 379A<br>尸 44.9  | 𡵓            | 𡵓       |         |
|                 | GKX-0294.02 | T4-2371 |         |                 | G3-3546     | T4-3728 |         |                 | G3-3B5B      | T4-372B |         |
| 3775<br>寸 41.5  | 𣎵           | 𣎵       | 𣎵       | 3788<br>九 43.9  | 𡵓           | 𡵓       |         | 379B<br>尸 44.9  | 𡵓            | 𡵓       |         |
|                 | G5-4A38     | T4-2626 | J4-282C |                 | G3-3548     | T4-3729 |         |                 | G5-3E61      | T5-3766 |         |
|                 | 𣎵           | 𣎵       |         | 3789<br>九 43.10 | 𡵓           | 𡵓       |         | 379C<br>尸 44.11 | 𡵓            | 𡵓       |         |
|                 | K3-236D     | V2-8931 |         |                 | G3-3547     | T4-3C71 |         |                 | G3-3B5D      | T4-427D |         |
| 3776<br>寸 41.7  | 𣎵           | 𣎵       | 𣎵       | 378A<br>九 43.10 | 𡵓           | 𡵓       |         | 379D<br>尸 44.11 | 𡵓            |         |         |
|                 | GKX-0294.15 | T6-3668 | K3-236E |                 | G3-3549     | T4-4279 |         |                 | K3-2379      |         |         |
| 3777<br>寸 41.9  | 𣎵           |         |         | 378B<br>尸 44.2  | 𡵓           | 𡵓       |         | 379E<br>尸 44.11 | 𡵓            |         |         |
|                 | T3-3B22     |         |         |                 | G5-3E4A     | T3-2240 |         |                 | G3-3B4E      |         |         |
| 3778<br>小 42.7  | 𣎵           | 𣎵       | 𣎵       | 378C<br>尸 44.3  | 𡵓           | 𡵓       |         | 379F<br>尸 44.12 | 𡵓            | 𡵓       | 𡵓       |
|                 | G5-4078     | T4-2C4C | JA-2235 |                 | GKX-0300.12 | T3-2353 |         |                 | G3-3B5F      | T4-494A | K3-237A |
| 3779<br>小 42.9  | 𣎵           | 𣎵       | 𣎵       | 378D<br>尸 44.3  | 𡵓           |         |         |                 | 𡵓            |         |         |
|                 | G3-3D6D     | T6-3E64 | V2-7435 |                 | JA3-4F5F    |         |         |                 | UTC-00628    |         |         |
| 377A<br>小 42.11 | 𣎵           | 𣎵       | 𣎵       | 378E<br>尸 44.4  | 𡵓           |         |         | 37A0<br>尸 44.12 | 𡵓            | 𡵓       |         |
|                 | G5-407A     | T4-4278 | K3-236F |                 | G3-3B50     |         |         |                 | G3-3B5E      | H-934B  |         |
| 377B<br>小 42.12 | 𣎵           | 𣎵       | 𣎵       | 378F<br>尸 44.5  | 𡵓           | 𡵓       |         | 37A1<br>尸 44.16 | 𡵓            | 𡵓       |         |
|                 | GKX-0297.32 | T5-4C63 | K3-2370 |                 | G3-3B4F     | T4-262A |         |                 | GKX-0304.05  | T3-5A37 |         |
| 377C<br>九 43.3  | 𣎵           | 𣎵       | 𣎵       | 3790<br>尸 44.5  | 𡵓           | 𡵓       |         | 37A2<br>中 45.1  | 𡵓            | 𡵓       |         |
|                 | G5-3749     | T4-225D | K3-2371 |                 | G5-3E51     | T3-2852 |         |                 | G5-3F33      | T3-2162 |         |
| 377D<br>九 43.4  | 𣎵           | 𣎵       |         | 3791<br>尸 44.5  | 𡵓           | 𡵓       |         | 37A3<br>中 45.4  | 𡵓            | 𡵓       | 𡵓       |
|                 | G3-3540     | T4-2374 |         |                 | GKX-0301.13 | T3-2853 |         |                 | GKX-0305.04  | T4-2377 | K3-237B |
| 377E<br>九 43.5  | 𣎵           | 𣎵       |         | 3792<br>尸 44.6  | 𡵓           | 𡵓       |         | 37A4<br>山 46.2  | 𡵓            | 𡵓       |         |
|                 | G3-3541     | T4-2628 |         |                 | G3-3B54     | T4-2879 |         |                 | GKX-0307.03  | T3-2242 |         |
| 377F<br>九 43.5  | 𣎵           | 𣎵       | 𣎵       | 3793<br>尸 44.6  | 𡵓           | 𡵓       |         | 37A5<br>山 46.2  | 𡵓            | 𡵓       |         |
|                 | G5-374B     | T4-2627 | K3-2372 |                 | G3-3B55     | T4-2878 |         |                 | G5-3A55      | T3-2243 |         |
| 3780<br>九 43.6  | 𣎵           | 𣎵       | 𣎵       | 3794<br>尸 44.6  | 𡵓           | 𡵓       |         | 37A6<br>山 46.2  | 𡵓            | 𡵓       |         |
|                 | G5-374D     | T4-2874 | K3-2373 |                 | G5-3E56     | T3-2C39 |         |                 | G5-3A56      | T3-2241 |         |
| 3781<br>九 43.6  | 𣎵           | 𣎵       |         | 3795<br>尸 44.6  | 𡵓           | 𡵓       |         | 37A7<br>山 46.2  | 𡵓            | 𡵓       |         |
|                 | G5-374E     | T4-2875 |         |                 | G5-3E55     | T3-2C38 |         |                 | G5-3A57      | T3-2244 |         |
| 3782<br>九 43.7  | 𣎵           | 𣎵       |         | 3796<br>尸 44.6  | 𡵓           | 𡵓       |         | 37A8<br>山 46.3  | 𡵓            | 𡵓       |         |
|                 | G3-3544     | T4-2C4D |         |                 | G5-3E53     | T3-2C36 |         |                 | GKX-0307.16  | T3-2356 |         |
| 3783<br>九 43.8  | 𣎵           | 𣎵       | 𣎵       | 3797<br>尸 44.7  | 𡵓           | 𡵓       | 𡵓       | 37A9<br>山 46.3  | 𡵓            | 𡵓       |         |
|                 | GKX-0298.35 | T5-3175 | K3-2374 |                 | G3-3B57     | T4-2C4E | K3-2378 |                 | GKX-0307.18  | T4-2261 |         |
| 3784<br>九 43.8  | 𣎵           | 𣎵       |         |                 | H-8B60      |         |         | 37AA<br>山 46.3  | 𡵓            | 𡵓       | 𡵓       |
|                 | G3-3545     | T4-3133 |         |                 |             |         |         |                 | GKX-0307.20  | T5-2251 | JA-2237 |
| 3785<br>九 43.8  | 𣎵           | 𣎵       | 𣎵       | 3798<br>尸 44.8  | 𡵓           | 𡵓       |         | 37AB<br>山 46.3  | 𡵓            | 𡵓       |         |
|                 | GKX-0298.38 | T5-3173 | K3-2375 |                 | G3-3B59     | T6-3E6B |         |                 | GKX-0307.26  | T4-237B |         |

|                                                          |                                                          |                                                        |
|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| 3B1B<br>日 72.12<br>𠂔 𠂔<br>GKX-0499.47 T3-507B            | 3B2E<br>日 72.19<br>𠂔 𠂔<br>G3-4828 T5-756E                | 3B41<br>木 75.2<br>𠂔 𠂔 𠂔<br>G5-433B T3-2376 V2-8947     |
| 3B1C<br>日 72.12<br>𠂔 𠂔 𠂔<br>GKX-0500.01 T3-507C JA4-2E34 | 3B2F<br>日 72.21<br>𠂔 𠂔 𠂔<br>GKX-0501.52 T5-756D K3-2758  | 3B42<br>木 75.3<br>𠂔 𠂔 𠂔<br>GKX-0511.05 T3-2643 H-8DB4  |
| 3B1D<br>日 72.12<br>𠂔 𠂔 𠂔<br>GKX-0500.05 T4-5053 JA-236B  | 3B30<br>日 73.2<br>𠂔 𠂔 𠂔<br>GKX-0502.03 T3-2374 JA-236F   | 3B43<br>木 75.3<br>𠂔 𠂔 𠂔<br>GKX-0511.06 T4-2448 JA-2374 |
| 3B1E<br>日 72.12<br>𠂔 𠂔 𠂔<br>GHZ-21536.10 T7-2E5A K3-2756 | 3B31<br>日 73.12<br>𠂔 𠂔 𠂔<br>GKX-0504.09 T4-5056 K3-2759  | 3B44<br>木 75.3<br>𠂔 𠂔 𠂔<br>GKX-0511.13 T3-2646         |
| 3B1F<br>日 72.12<br>𠂔<br>G3-3058                          | 3B32<br>日 73.13<br>𠂔 𠂔<br>GKX-0504.11 T3-5474            | 3B45<br>木 75.3<br>𠂔<br>K3-2763                         |
| 3B20<br>日 72.13<br>𠂔 𠂔 𠂔<br>G5-4A32 T3-5473 K4-006A      | 3B33<br>月 74.4<br>𠂔 𠂔 𠂔<br>GKX-0504.30 T3-2944 K3-275B   | 3B46<br>木 75.3<br>𠂔<br>K3-2764                         |
| 3B21<br>日 72.13<br>𠂔 𠂔<br>GKX-0500.37 T3-546E            | 3B34<br>月 74.6<br>𠂔 𠂔 𠂔<br>GKX-0505.12 T3-314E K3-275C   | 3B47<br>木 75.4<br>𠂔 𠂔<br>G5-434F T3-294B               |
| 3B22<br>日 72.13<br>𠂔 𠂔 𠂔<br>GKX-0500.42 T4-5640 JA3-7549 | 3B35<br>月 74.6<br>𠂔 𠂔 𠂔<br>GKX-0505.21 T5-2E25 JA-2370   | 3B48<br>木 75.4<br>𠂔 𠂔<br>G5-434D T3-2946               |
| 3B23<br>日 72.14<br>𠂔 𠂔<br>G3-4763 T4-5B40                | 3B36<br>月 74.7<br>𠂔 𠂔 𠂔<br>GKX-0506.01 T3-3649 JA-2371   | 3B49<br>木 75.4<br>𠂔 𠂔 𠂔<br>G5-6748 TF-274C K3-2765     |
| 3B24<br>日 72.14<br>𠂔<br>G3-4836                          | 3B37<br>月 74.7<br>𠂔<br>GS-2146                           | 3B4A<br>木 75.4<br>𠂔<br>G5-4346 T3-2950                 |
| 3B25<br>日 72.14<br>𠂔 𠂔 𠂔<br>G5-4A33 T4-5B41 JA-236D      | 3B38<br>月 74.8<br>𠂔 𠂔<br>GKX-0506.15 T3-3C28             | 3B4B<br>木 75.4<br>𠂔 𠂔<br>GKX-0516.14 T3-294D           |
| 3B26<br>日 72.14<br>𠂔 𠂔 𠂔<br>G5-4A30 T4-5B3F JA-236E      | 3B39<br>肉 130.8<br>𠂔 𠂔 𠂔<br>GS-2140 T4-3A43 H-997B       | 3B4C<br>木 75.4<br>𠂔 𠂔 𠂔<br>GKX-0516.15 T5-2651 JA-2375 |
| 3B27<br>日 72.14<br>𠂔 𠂔<br>T7-3F76 JA-2672                | 3B3A<br>月 74.9<br>𠂔<br>K3-275E                           | 3B4D<br>木 75.4<br>𠂔<br>GS-2177                         |
| 3B28<br>日 72.14<br>𠂔<br>K3-2757                          | 3B3B<br>月 74.10<br>𠂔 𠂔 𠂔<br>GKX-0506.23 T5-4645 K3-275F  | 3B4E<br>木 75.4<br>𠂔<br>G7-2225                         |
| 3B29<br>日 72.15<br>𠂔 𠂔<br>GKX-0501.17 T3-5A40            | 3B3C<br>月 74.11<br>𠂔 𠂔 𠂔<br>GHZ-32106.17 T5-4D58 JA-2372 | 3B4F<br>木 75.4<br>𠂔<br>G7-234A                         |
| 3B2A<br>日 72.15<br>𠂔 𠂔<br>GKX-0501.21 T3-5A41            | 3B3D<br>月 74.11<br>𠂔<br>GS-2142                          | 3B50<br>木 75.4<br>𠂔<br>K3-2766                         |
| 3B2B<br>日 72.16<br>𠂔 𠂔 𠂔<br>G5-4A34 T3-5C44 H-FCEE       | 3B3E<br>月 74.11<br>𠂔<br>GS-2141                          | 3B51<br>木 75.5<br>𠂔 𠂔<br>GKX-0517.15 T3-2D28           |
| 3B2C<br>日 72.18<br>𠂔 𠂔<br>GKX-0501.39 T3-5F4C            | 3B3F<br>月 74.12<br>𠂔 𠂔 𠂔<br>GKX-0506.29 T3-5125 K3-2761  | 3B52<br>木 75.5<br>𠂔 𠂔<br>G5-4359 T3-2D2C               |
| 3B2D<br>日 72.18<br>𠂔 𠂔<br>G5-4A35 T3-5F4D                | 3B40<br>月 74.13<br>𠂔<br>GS-2145                          | 3B53<br>木 75.5<br>𠂔 𠂔<br>GKX-0519.17 T4-296F           |
|                                                          |                                                          | 3B54<br>木 75.5<br>𠂔 𠂔<br>G3-4075 T4-296C               |

|                                                                  |                                                                      |                                                                    |
|------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|
| 3BF5<br>木 75.13<br>槿<br>T3-5479                                  | 3C09<br>木 75.16<br>榛<br>GKX-0561.12<br>榛<br>T3-5C4C                  | 3C1C<br>木 75.19<br>櫨<br>K3-2848                                    |
| 3BF6<br>木 75.13<br>櫻<br>GS-2176<br>櫻<br>T3-5528<br>櫻<br>KC-08038 | 3C0A<br>木 75.16<br>欖<br>GKX-0561.26<br>欖<br>T3-5C46                  | 3C1D<br>欠 76.3<br>𪔐<br>GKX-0565.09<br>𪔐<br>T5-2448<br>𪔐<br>K3-284A |
| 3BF7<br>木 75.14<br>樸<br>G3-4353<br>樸<br>T4-5B48<br>樸<br>V0-3A65  | 3C0B<br>木 75.16<br>櫛<br>G5-4574<br>櫛<br>T4-6351                      | 3C1E<br>欠 76.3<br>𪔑<br>GKX-0565.14<br>𪔑<br>T6-2830<br>𪔑<br>JA-2430 |
| 3BF8<br>木 75.14<br>榼<br>G5-4374<br>榼<br>T4-5B44<br>榼<br>JA-242D  | 3C0C<br>木 75.16<br>權<br>G5-462F<br>權<br>T4-634F<br>權<br>K3-2844      | 3C1F<br>欠 76.4<br>𪔒<br>G3-4C22<br>𪔒<br>T4-266D                     |
| 3BF9<br>木 75.14<br>櫛<br>GKX-0558.31<br>櫛<br>T3-577C              | 3C0D<br>木 75.16<br>𪔓<br>G5-586D<br>𪔓<br>T3-5C48<br>𪔓<br>K3-2840      | 3C20<br>欠 76.4<br>𪔔<br>GKX-0566.10<br>𪔔<br>T5-2656<br>𪔔<br>K3-284B |
| 3BFA<br>木 75.14<br>槩<br>G5-4355<br>槩<br>T4-5B4A<br>槩<br>K3-283C  | 3C0E<br>木 75.16<br>檣<br>GKX-0562.01<br>檣<br>T3-5C4D                  | 3C21<br>欠 76.4<br>𪔕<br>G3-4E31<br>𪔕<br>T4-2670                     |
| 3BFB<br>木 75.14<br>橐<br>G3-4350<br>橐<br>T4-5B49<br>橐<br>K3-283D  | 3C0F<br>木 75.16<br>檣<br>G5-4631<br>檣<br>T4-6354<br>檣<br>JA3-763A     | 3C22<br>欠 76.4<br>𪔖<br>G3-4E30<br>𪔖<br>T4-266C<br>𪔖<br>K3-284C     |
| 3BFC<br>木 75.14<br>榼<br>GS-2174                                  | 3C10<br>木 75.16<br>𪔗<br>GKX-0562.05<br>𪔗<br>T3-5C4B<br>𪔗<br>K3-2841  | 3C23<br>欠 76.5<br>𪔘<br>G3-4E3F<br>𪔘<br>T4-2D60<br>𪔘<br>K3-284D     |
| 3BFD<br>木 75.14<br>櫛<br>K3-283E<br>櫛<br>UTC-00391                | 3C11<br>木 75.16<br>櫛<br>GKX-0562.06<br>櫛<br>T3-5C45<br>櫛<br>H-9CF8   | 3C24<br>欠 76.5<br>𪔙<br>G3-4E35<br>𪔙<br>T4-2970                     |
| 3BFE<br>木 75.15<br>櫛<br>G3-434F<br>櫛<br>T4-5F6F                  | 3C12<br>木 75.16<br>櫛<br>GHZ-21317.04<br>櫛<br>TF-653E<br>櫛<br>K3-2843 | 3C25<br>欠 76.5<br>𪔚<br>G3-4E34<br>𪔚<br>T4-2971                     |
| 3BFF<br>木 75.15<br>櫛<br>G3-435A<br>櫛<br>T4-5F73<br>櫛<br>V0-3A69  | 3C13<br>木 75.16<br>櫛<br>JA-242F                                      | 3C26<br>欠 76.5<br>𪔛<br>GKX-0566.28<br>𪔛<br>T6-3178<br>𪔛<br>JA-2F77 |
| 3C00<br>木 75.15<br>櫛<br>GKX-0560.11<br>櫛<br>T3-5A49              | 3C14<br>木 75.17<br>櫻<br>GKX-0562.20<br>櫻<br>T5-7027<br>櫻<br>K3-2845  | 3C27<br>欠 76.5<br>𪔜<br>G3-4E39<br>𪔜<br>T4-2974                     |
| 3C01<br>木 75.15<br>櫛<br>G3-4357<br>櫛<br>T4-5F70<br>櫛<br>V0-3A67  | 3C15<br>木 75.17<br>櫛<br>GKX-0562.25<br>櫛<br>T3-5E36<br>櫛<br>H-9252   | 3C28<br>欠 76.5<br>𪔝<br>G3-4E36<br>𪔝<br>T4-2973                     |
| 3C02<br>木 75.15<br>櫛<br>G3-4229<br>櫛<br>T4-5F6E                  | 3C16<br>木 75.16<br>櫛<br>GKX-0563.01<br>櫛<br>T3-5C4A<br>櫛<br>K3-2842  | 3C29<br>欠 76.6<br>𪔞<br>GKX-0567.08<br>𪔞<br>T5-2E2E<br>𪔞<br>K3-284F |
| 3C03<br>木 75.15<br>櫛<br>G3-4359<br>櫛<br>T4-5F72                  | 3C17<br>木 75.18<br>櫛<br>GKX-0563.08<br>櫛<br>T3-5F50                  | 3C2A<br>欠 76.6<br>𪔟<br>G3-4E3A<br>𪔟<br>T4-2D5D                     |
| 3C04<br>木 75.15<br>櫛<br>G3-423F<br>櫛<br>T4-5F75                  | 3C18<br>木 75.18<br>櫛<br>G3-4361<br>櫛<br>T4-686E<br>櫛<br>H-A0E8       | 3C2B<br>欠 76.6<br>𪔠<br>G3-4E41<br>𪔠<br>T4-2D61<br>𪔠<br>K3-2850     |
| 3C05<br>木 75.15<br>櫛<br>GKX-0561.02<br>櫛<br>T3-5A4C              | 3C19<br>木 75.19<br>櫛<br>GKX-0563.28<br>櫛<br>T3-6035                  | 3C2C<br>欠 76.6<br>𪔡<br>G3-4E43<br>𪔡<br>T4-2D62                     |
| 3C06<br>木 75.15<br>櫛<br>GKX-0561.04<br>櫛<br>T3-5A4B              | 3C1A<br>木 75.19<br>櫛<br>GKX-0563.31<br>櫛<br>T3-6033<br>櫛<br>K3-2847  | 3C2D<br>欠 76.6<br>𪔢<br>G3-4E3D<br>𪔢<br>T4-2D5E<br>𪔢<br>JA-2431     |
| 3C07<br>木 75.15<br>櫛<br>G5-4628<br>櫛<br>TF-6253                  | 3C1B<br>木 75.19<br>櫛<br>GKX-0563.32<br>櫛<br>T3-6034                  | 3C2E<br>欠 76.7<br>𪔣<br>G5-6E39<br>𪔣<br>T3-3661<br>𪔣<br>JA-2432     |

|                 |             |         |          |
|-----------------|-------------|---------|----------|
| 3C2F<br>欠 76.7  | 𪔤           | 𪔥       |          |
|                 | G3-6E44     | T4-3248 |          |
| 3C30<br>欠 76.7  | 𪔦           | 𪔧       | 𪔨        |
|                 | G3-4E3E     | T4-3249 | K3-2852  |
| 3C31<br>欠 76.7  | 𪔩           | 𪔪       | 𪔫        |
|                 | GKX-0568.06 | T6-406E | JA-2433  |
| 3C32<br>欠 76.8  | 𪔬           | 𪔭       |          |
|                 | G3-4E48     | T4-383B |          |
| 3C33<br>欠 76.8  | 𪔮           | 𪔯       |          |
|                 | G3-4E3C     | T4-3839 |          |
| 3C34<br>欠 76.8  | 𪔰           | 𪔱       |          |
|                 | GKX-0568.13 | T3-3C46 |          |
| 3C35<br>欠 76.8  | 𪔲           | 𪔳       | 𪔴        |
|                 | GKX-0568.17 | T5-3943 | K3-2853  |
| 3C36<br>欠 76.8  | 𪔶           | 𪔷       |          |
|                 | G3-4E4B     | T4-383C |          |
| 3C37<br>歹 78.6  | 𪔹           | 𪔺       |          |
|                 | G3-4E49     | T6-3864 |          |
| 3C38<br>欠 76.8  | 𪔼           |         |          |
|                 | JA-2434     |         |          |
| 3C39<br>欠 76.9  | 𪔾           | 𪔿       |          |
|                 | G3-4E50     | T4-3E21 |          |
| 3C3A<br>欠 76.9  | 𪕀           | 𪕁       | 𪕂        |
|                 | G3-4E53     | T4-3D7C | K3-2855  |
| 3C3B<br>欠 76.9  | 𪕄           | 𪕅       |          |
|                 | G3-4E4D     | T4-3D7B |          |
| 3C3C<br>欠 76.9  | 𪕇           | 𪕈       | 𪕉        |
|                 | G3-4E47     | T4-3D7D | K3-2856  |
| 3C3D<br>欠 76.9  | 𪕊           | 𪕋       | 𪕌        |
|                 | G3-4E4F     | T4-3D7E | K3-2857  |
| 3C3E<br>欠 76.9  | 𪕍           | 𪕎       |          |
|                 | G3-4E51     | T4-3E22 |          |
| 3C3F<br>欠 76.10 | 𪕐           | 𪕑       |          |
|                 | GKX-0570.27 | T3-4752 |          |
| 3C40<br>欠 76.10 | 𪕒           | 𪕓       | 𪕔        |
|                 | GKX-0571.03 | T6-5D77 | K3-2859  |
| 3C41<br>欠 76.10 | 𪕖           | 𪕗       |          |
|                 | G3-4E55     | T4-442A |          |
| 3C42<br>欠 76.11 | 𪕙           | 𪕚       | 𪕛        |
|                 | G5-503A     | T4-4A4C | K3-285A  |
| 3C43<br>欠 76.11 | 𪕝           | 𪕞       | 𪕟        |
|                 | GKX-0571.26 | T3-4C68 | KC-08040 |
| 3C44<br>欠 76.12 | 𪕡           | 𪕢       | 𪕣        |
|                 | G5-7A2F     | T4-5066 | K3-285B  |
| 3C45<br>欠 76.12 | 𪕥           | 𪕦       | 𪕧        |
|                 | GKX-0572.20 | T4-5067 | JA-2435  |
| 3C46<br>欠 76.13 | 𪕩           | 𪕪       | 𪕫        |
|                 | G5-503F     | T4-564F | K3-285C  |
| 3C47<br>欠 76.13 | 𪕭           | 𪕮       |          |
|                 | G3-4E57     | T4-564E |          |
| 3C48<br>欠 76.13 | 𪕰           | 𪕱       |          |
|                 | GKX-0572.29 | T3-552A |          |
| 3C49<br>欠 76.13 | 𪕴           | 𪕵       |          |
|                 | GKX-0572.31 | T3-552C |          |
| 3C4A<br>欠 76.15 | 𪕸           | 𪕹       | 𪕺        |
|                 | G3-4E5A     | T4-5F77 | K3-285E  |
| 3C4B<br>欠 76.16 | 𪕼           | 𪕽       | 𪕾        |
|                 | GKX-0573.05 | T7-4E22 | JA-2436  |
| 3C4C<br>欠 76.18 | 𪕿           | 𪖀       |          |
|                 | G3-4E54     | T4-6871 |          |
| 3C4D<br>欠 76.19 | 𪖃           | 𪖄       | 𪖅        |
|                 | GKX-0573.19 | T5-7577 | K3-2860  |
| 3C4E<br>欠 76.21 | 𪖇           | 𪖈       | 𪖉        |
|                 | G5-5040     | T5-792F | K3-2861  |
| 3C4F<br>止 77.2  | 𪖋           | 𪖌       | 𪖍        |
|                 | GKX-0574.09 | T6-2525 | JA-2437  |
| 3C50<br>止 77.3  | 𪖏           | 𪖐       |          |
|                 | K3-2862     |         |          |
| 3C51<br>止 77.3  | 𪖒           | 𪖓       |          |
|                 | K3-2863     |         |          |
| 3C52<br>止 77.5  | 𪖖           | 𪖗       |          |
|                 | K3-2864     |         |          |
| 3C53<br>止 77.5  | 𪖙           | 𪖚       |          |
|                 | GKX-0576.11 | T3-2D3E |          |
| 3C54<br>止 77.5  | 𪖜           | 𪖝       | 𪖞        |
|                 | K3-2865     |         |          |
| 3C55<br>止 77.8  | 𪖟           | 𪖠       | 𪖡        |
|                 | GKX-0576.11 | T3-2D3E |          |
| 3C56<br>止 77.8  | 𪖣           | 𪖤       | 𪖥        |
|                 | G3-467A     | T4-383F |          |
| 3C57<br>止 77.10 | 𪖨           | 𪖩       | 𪖪        |
|                 | GKX-0577.08 | T5-465F | K3-2866  |
| 3C58<br>止 77.14 | 𪖬           | 𪖭       |          |
|                 | GKX-0578.06 | T3-5824 |          |
| 3C59<br>歹 78.2  | 𪖰           | 𪖱       | 𪖲        |
|                 | G5-4735     | T4-227C | K3-2867  |
| 3C5A<br>歹 78.4  | 𪖴           | 𪖵       |          |
|                 | G5-473A     | T3-2957 |          |
| 3C5B<br>歹 78.4  | 𪖸           | 𪖹       | 𪖺        |
|                 | GKX-0579.27 | T5-2662 | K3-2868  |
| 3C5C<br>歹 78.4  | 𪖼           | 𪖽       |          |
|                 | G3-4475     | T4-2675 |          |
| 3C5D<br>歹 78.4  | 𪖿           |         |          |
|                 | JA-2439     |         |          |
| 3C5E<br>歹 78.5  | 𪗁           | 𪗂       |          |
|                 | G5-4742     | T3-2D3F |          |
| 3C5F<br>歹 78.5  | 𪗅           | 𪗆       | 𪗇        |
|                 | G5-4744     | T3-2D41 | K3-286A  |
| 3C60<br>歹 78.5  | 𪗉           | 𪗊       | 𪗋        |
|                 | G5-473D     | T3-2D40 | K3-286B  |
| 3C61<br>歹 78.6  | 𪗍           | 𪗎       |          |
|                 | GKX-0580.16 | T3-3169 |          |
| 3C62<br>歹 78.7  | 𪗐           | 𪗑       |          |
|                 | GKX-0581.02 | T3-3663 |          |
| 3C63<br>歹 78.7  | 𪗔           | 𪗕       |          |
|                 | G3-447A     | T4-324A |          |
| 3C64<br>歹 78.8  | 𪗘           | 𪗙       |          |
|                 | G3-447D     | T4-3845 |          |
| 3C65<br>歹 78.8  | 𪗚           | 𪗛       |          |
|                 | G3-447C     | T4-3844 |          |
| 3C66<br>歹 78.8  | 𪗞           | 𪗟       | 𪗠        |
|                 | G3-4521     | T4-3846 | K3-286C  |
| 3C67<br>歹 78.8  | 𪗢           | 𪗣       |          |
|                 | G3-4525     | T4-3842 |          |
| 3C68<br>歹 78.8  | 𪗥           | 𪗦       |          |
|                 | G5-474C     | T3-3C4A |          |
| 3C69<br>歹 78.8  | 𪗨           |         |          |
|                 | GS-2376     |         |          |

|                                                          |                                                          |                                                          |
|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 488B<br>走 162.3<br>邐 邐 邐<br>G5-6F7D T4-2522 K3-3359      | 489F<br>走 162.8<br>邐 邐 邐<br>GHZ-63853.02 T6-4F48 JA-2734 | 48B2<br>走 162.20<br>邐 邐 邐<br>G3-717B T4-6C2C             |
| 488C<br>走 162.4<br>邐 邐 邐<br>G5-7023 TF-2872              | 48A0<br>走 162.8<br>邐 邐 邐<br>GHZ-63853.05 T3-3F52         | 48B3<br>邑 163.2<br>邐 邐 邐<br>GKX-1268.01 T3-225F          |
| 488D<br>走 162.4<br>邐 邐 邐<br>GKX-1253.38 T3-2A6F          | 48A1<br>走 162.9<br>邐 邐 邐<br>G3-716B T4-412F              | 48B4<br>邑 163.3<br>邐 邐 邐<br>GS-2151 T4-2332              |
| 488E<br>走 162.4<br>邐 邐 邐<br>GKX-1254.16 T5-2769 K3-335A  | 48A2<br>走 162.10<br>邐 邐 邐<br>GKX-1262.24 T3-4A25         | 48B5<br>邑 163.4<br>邐 邐 邐<br>G5-6F4F T3-2736 J4-7A27      |
| 488F<br>走 162.4<br>邐 邐 邐<br>K3-335B                      | 48A3<br>走 162.10<br>邐 邐 邐<br>GKX-1262.26 JA-2735         | 48B6<br>邑 163.4<br>邐 邐 邐<br>G7-234B T3-2737              |
| 4890<br>走 162.5<br>邐 邐 邐<br>G5-7029 T4-2B53 K3-335C      | 48A4<br>走 162.10<br>邐 邐 邐<br>GKX-1263.16 T4-476C         | 48B7<br>邑 163.4<br>邐 邐 邐<br>T3-2738                      |
| 4891<br>走 162.5<br>邐 邐 邐<br>G3-715B T4-2B50              | 48A5<br>走 162.10<br>邐 邐 邐<br>GHZ-63870.01 T3-4A23        | 48B8<br>邑 163.5<br>邐 邐 邐<br>GKX-1269.28 T3-2A76          |
| 4892<br>走 162.6<br>邐 邐 邐<br>G5-702F T3-3423 MD-4892      | 48A6<br>走 162.11<br>邐 邐 邐<br>G5-7045 T3-4F3A V0-4558     | 48B9<br>邑 163.5<br>邐 邐 邐<br>G3-7060 T4-2829              |
| 4893<br>走 162.6<br>邐 邐 邐<br>G3-7161 T4-302D              | 48A7<br>走 162.11<br>邐 邐 邐<br>G3-7175 T4-4E31             | 48BA<br>邑 163.5<br>邐 邐 邐<br>G3-7066                      |
| 4894<br>走 162.6<br>邐 邐 邐<br>G3-715F T4-3030 K3-335D      | 48A8<br>走 162.11<br>邐 邐 邐<br>G5-7025 T4-4E35 K3-3362     | 48BB<br>邑 163.6<br>邐 邐 邐<br>GKX-1270.08 T3-2F36          |
| 4895<br>走 162.6<br>邐 邐 邐<br>GKX-1256.20 T3-3424          | 48A9<br>走 162.11<br>邐 邐 邐<br>G5-7041 T3-4F3D             | 48BC<br>邑 163.6<br>邐 邐 邐<br>G3-706A T4-2B56              |
| 4896<br>走 162.6<br>邐 邐 邐<br>G3-7162 T4-302E              | 48AA<br>走 162.12<br>邐 邐 邐<br>GKX-1265.17 T3-532A         | 48BD<br>邑 163.6<br>邐 邐 邐<br>G5-6F4D T3-4522 K3-3369      |
| 4897<br>走 162.6<br>邐 邐 邐<br>GHZ-63828.10 JA-2732         | 48AB<br>走 162.12<br>邐 邐 邐<br>GHZ-63880.04 T3-5328        | 48BE<br>邑 163.6<br>邐 邐 邐<br>GKX-1270.22 T3-2F3D          |
| 4898<br>走 162.6<br>邐 邐 邐<br>K3-335E                      | 48AC<br>走 162.12<br>邐 邐 邐<br>GHZ-63884.17 T3-5329        | 48BF<br>邑 163.6<br>邐 邐 邐<br>G3-7074 T4-2B54              |
| 4899<br>走 162.7<br>邐 邐 邐<br>G5-7024 T8-3949              | 48AD<br>走 162.12<br>邐 邐 邐<br>G3-7176 T4-5938 H-99F5      | 48C0<br>邑 163.6<br>邐 邐 邐<br>G3-7071 T4-2B58              |
| 489A<br>走 162.7<br>邐 邐 邐<br>G3-7163 T4-3569              | 48AE<br>走 162.13<br>邐 邐 邐<br>G5-7048 T4-5939 K3-3364     | 48C1<br>邑 163.6<br>邐 邐 邐<br>GKX-1271.06 T3-2F39          |
| 489B<br>走 162.7<br>邐 邐 邐<br>GKX-1259.05 T3-394D H-95D1   | 48AF<br>走 162.14<br>邐 邐 邐<br>GKX-1267.03 T7-4377 K3-3365 | 48C2<br>邑 163.6<br>邐 邐 邐<br>GKX-1271.07 T3-2F3A          |
| 489C<br>走 162.8<br>邐 邐 邐<br>G5-703B T3-3F53              | 48B0<br>走 162.14<br>邐 邐 邐<br>GKX-1267.08 T3-5939         | 48C3<br>邑 163.7<br>邐 邐 邐<br>GHZ-80039.04 T6-346D K3-336A |
| 489D<br>走 162.8<br>邐 邐 邐<br>G5-702E T4-3B57 K3-3360      | 48B1<br>走 162.15<br>邐 邐 邐<br>G5-7037 T4-615E K3-3366     | 48C4<br>邑 163.7<br>邐 邐 邐<br>G3-707D T4-3038              |
| 489E<br>走 162.8<br>邐 邐 邐<br>GHZ-63848.02 T3-3F4E JA-2733 |                                                          |                                                          |



|                  |                  |                |              |
|------------------|------------------|----------------|--------------|
| 4DB3<br>𠂔 214.4  | 𠂔<br>G3-7C7D     | 𠂔<br>T4-6863   |              |
| 4DB4<br>𠂔 214.8  | 𠂔<br>G5-7A72     | 𠂔<br>T4-6D51   | 𠂔<br>K3-3771 |
| 4DB5<br>𠂔 214.10 | 𠂔<br>GKX-1538.40 | 𠂔<br>T3-622C   |              |
| 4DB6<br>一 1.14   | 𠂔<br>VN-04DB6    |                |              |
| 4DB7<br>𠂔 30.2   | 𠂔<br>T4-216A     |                |              |
| 4DB8<br>𠂔 30.3   | 𠂔<br>T3-233C     |                |              |
| 4DB9<br>𠂔 45.0   | 𠂔<br>T4-2135     | 𠂔<br>UTC-00120 |              |
| 4DBA<br>月 74.4   | 𠂔<br>T6-2C23     |                |              |
| 4DBB<br>月 74.4   | 𠂔<br>T5-264A     |                |              |
| 4DBC<br>月 74.8   | 𠂔<br>T6-497E     |                |              |
| 4DBD<br>月 74.9   | 𠂔<br>T5-3F66     |                |              |
| 4DBE<br>欠 76.6   | 𠂔<br>T6-4A3F     | 𠂔<br>UK-02830  |              |
| 4DBF<br>食 184.2  | 𠂔<br>T6-3C77     |                |              |



| HEX             | C            | J             | K            | V             | HEX          | C               | J            | K             | V            |               |              |              |
|-----------------|--------------|---------------|--------------|---------------|--------------|-----------------|--------------|---------------|--------------|---------------|--------------|--------------|
| 584F<br>± 32.10 | 塏<br>G1-5B6E | 塏<br>HB2-DCE5 | 塏<br>T2-422C | 塏<br>J1-3830  | 塏<br>K0-4B43 | 5862<br>± 32.10 | 塏<br>G1-4E6B | 塏<br>HB1-B6F5 | 塏<br>T1-635C | 塏<br>J0-5449  | 塏<br>K0-6771 | 塏<br>V2-8B3C |
| 5850<br>± 32.10 | 塏<br>G5-3652 |               | 塏<br>T3-4057 | 塏<br>J1-3831  | 塏<br>K1-6469 | 5863<br>± 32.10 | 塏<br>GE-3477 | 塏<br>HB2-DCF0 | 塏<br>T2-4237 |               | 塏<br>K2-2A69 |              |
| 5851<br>± 32.10 | 塏<br>G0-4B5C | 塏<br>HB1-B6EC | 塏<br>T1-6353 | 塏<br>J0-413A  | 塏<br>K0-6131 | 5864<br>± 32.10 | 塏<br>G1-5B77 | 塏<br>HB2-DCE4 | 塏<br>T2-422B | 塏<br>J13-2F59 | 塏<br>K0-7D34 | 塏<br>V0-3458 |
| 5852<br>± 32.10 | 塏<br>G1-5B75 | 塏<br>HB1-B6F6 | 塏<br>T1-635D | 塏<br>J0-544D  | 塏<br>K1-655D | 5865<br>± 32.10 | 塏<br>G0-5C2A | 塏<br>HB2-DCED | 塏<br>T2-4234 |               | 塏<br>K2-2A6A |              |
| 5853<br>± 32.10 | 塏<br>G3-3466 | 塏<br>HB2-DCE2 | 塏<br>T2-4229 |               | 塏<br>K2-2A64 | 5866<br>± 32.10 | 塏<br>GE-3478 |               | 塏<br>T3-405D |               |              |              |
| 5854<br>± 32.10 | 塏<br>G0-4B7E | 塏<br>HB1-B6F0 | 塏<br>T1-6357 | 塏<br>J0-4563  | 塏<br>K0-7732 | 5867<br>± 32.10 | 塏<br>G5-3659 |               | 塏<br>T4-3C53 | 塏<br>J14-2528 | 塏<br>K2-2A6B |              |
| 5855<br>± 32.10 | 塏<br>G3-345D | 塏<br>HB2-DCE9 | 塏<br>T2-4230 | 塏<br>J1-3832  | 塏<br>K2-2A65 | 5868<br>± 32.10 | 塏<br>G3-3459 | 塏<br>HB2-DCE3 | 塏<br>T2-422A | 塏<br>J1-3837  | 塏<br>K2-2A6C |              |
| 5856<br>± 32.10 | 塏<br>G5-3656 |               | 塏<br>T3-405B |               |              | 5869<br>± 32.10 | 塏<br>GE-3479 | 塏<br>H-98E3   | 塏<br>T3-405A | 塏<br>J0-3176  | 塏<br>K1-6753 |              |
| 5857<br>± 32.10 | 塏<br>G1-4D3F | 塏<br>HB1-B6EE | 塏<br>T1-6355 | 塏<br>J0-4549  | 塏<br>K0-5373 | 586A<br>± 32.10 | 塏<br>GE-347A | 塏<br>T3-4059  |              |               |              |              |
| 5858<br>± 32.10 | 塏<br>G0-4C41 | 塏<br>HB1-B6ED | 塏<br>T1-6354 | 塏<br>J0-4564  | 塏<br>K0-5352 | 586B<br>± 32.10 | 塏<br>G0-4C6E | 塏<br>HB1-B6F1 | 塏<br>T1-6358 | 塏<br>J0-4536  | 塏<br>K2-2A6D | 塏<br>V1-5121 |
| 5859<br>± 32.10 | 塏<br>G3-345F | 塏<br>HB2-DCEC | 塏<br>T2-4233 | 塏<br>J0-4839  | 塏<br>K1-586D | 586C<br>± 32.10 | 塏<br>G0-5C2B | 塏<br>H-9254   | 塏<br>T3-4054 |               |              |              |
| 585A<br>± 32.10 | 塏<br>G8-2E32 | 塏<br>HB1-B6EF | 塏<br>T1-6356 | 塏<br>J0-444D  | 塏<br>K0-7540 | 586D<br>± 32.10 | 塏<br>GE-347B | 塏<br>HB1-B6F3 | 塏<br>T1-635A |               | 塏<br>K2-2A6E |              |
| 585B<br>± 32.10 | 塏<br>GE-3474 | 塏<br>HB2-DCEE | 塏<br>T2-4235 |               | 塏<br>K2-2A66 | 586E<br>± 32.10 | 塏<br>G3-345C |               |              |               | 塏<br>K2-2A6F |              |
| 585C<br>± 32.10 | 塏<br>G5-365A | 塏<br>H-FB6E   | 塏<br>T3-4056 |               | 塏<br>K2-2A67 | 586F<br>± 32.10 | 塏<br>GE-347C | 塏<br>HB2-DCE8 | 塏<br>T2-422F |               |              |              |
| 585D<br>± 32.10 | 塏<br>G5-3658 | 塏<br>HB2-DCEB | 塏<br>T2-4232 |               | 塏<br>K2-2A68 | 5870<br>± 32.10 | 塏<br>GE-347D |               |              | 塏<br>J0-544B  |              |              |
| 585E<br>± 32.10 | 塏<br>G0-4B7B | 塏<br>HB1-B6EB | 塏<br>T1-6352 | 塏<br>J0-3A49  | 塏<br>K0-5F5D | 5871<br>± 32.10 | 塏<br>G5-365B | 塏<br>HB2-DCF1 | 塏<br>T2-4238 |               | 塏<br>K2-2A70 |              |
| 585F<br>± 32.10 | 塏<br>GE-3475 | 塏<br>H-99DF   | 塏<br>T3-405E | 塏<br>J1-3833  |              | 5872<br>± 32.11 | 塏<br>GE-347E | 塏<br>H-967B   | 塏<br>T3-4643 | 塏<br>J0-5447  | 塏<br>K2-2A71 | 塏<br>V2-8B3D |
|                 |              | 塏<br>塏        |              |               |              | 5873<br>± 32.11 | 塏<br>G3-345E | 塏<br>H-8AAF   | 塏<br>T3-463E |               |              | 塏<br>V0-345F |
|                 |              |               |              |               |              | 5874<br>± 32.11 | 塏<br>G3-346B | 塏<br>HB2-E15D | 塏<br>T2-4944 |               | 塏<br>K2-2A72 |              |
| 5860<br>± 32.10 | 塏<br>G3-3451 |               | 塏<br>T3-405C |               |              | 5875<br>± 32.11 | 塏<br>G1-333E | 塏<br>HB1-B9D0 | 塏<br>T1-6838 | 塏<br>J0-3F50  | 塏<br>K0-7248 | 塏<br>V1-5122 |
| 5861<br>± 32.10 | 塏<br>GE-3476 |               | 塏<br>T3-4058 | 塏<br>J13-2F58 | 塏<br>K0-6E73 |                 |              |               |              |               |              |              |

| HEX             | C             | J             | K            | V             | HEX             | C            | J             | K            | V             |
|-----------------|---------------|---------------|--------------|---------------|-----------------|--------------|---------------|--------------|---------------|
| 5AA1<br>女 38.9  | 嫀<br>GE-362B  | 嫀<br>H-97B7   | 嫀<br>T3-3A5A |               | 5AB4<br>女 38.10 | 嫗<br>G5-4047 | 嫗<br>HB2-DD43 | 嫗<br>T2-4249 | 嫗<br>K6-0004  |
| 5AA2<br>女 38.9  | 媚<br>G3-3D32  | 媚<br>HB2-D8B9 | 媚<br>T2-3A7B | 媚<br>J14-2564 | 5AB5<br>女 38.10 | 媵<br>G0-6B74 | 媵<br>HB2-DCF9 | 媵<br>T2-4240 | 媵<br>J14-2567 |
| 5AA3<br>女 38.9  | 嫐<br>G3-3D40  | 嫐<br>T3-3A57  |              |               | 5AB6<br>女 38.10 | 媼<br>G5-402E | 媼<br>HB2-DD44 | 媼<br>T2-424A | 媼<br>K2-2D26  |
| 5AA4<br>女 38.9  | 媿<br>GK-684B  | 媿<br>H-876F   | 媿<br>T3-3A7A | 媿<br>K0-6338  | 5AB7<br>女 38.10 | 媾<br>G5-404A | 媾<br>HB2-DD40 | 媾<br>T2-4246 | 媾<br>K2-2D27  |
| 5AA5<br>女 38.9  | 嫖<br>G5-403F  | 嫖<br>HB2-D8BE | 嫖<br>T2-3B22 |               | 5AB8<br>女 38.10 | 媼<br>G0-664A | 媼<br>HB2-DCF7 | 媼<br>T2-423E | 媼<br>J1-397B  |
| 5AA6<br>女 38.9  | 媼<br>G3-3D34  | 媼<br>HB2-D8BC | 媼<br>T2-3A7E | 媼<br>K2-2C7E  | 5AB9<br>女 38.10 | 媼<br>G5-4051 | 媼<br>HB2-DD46 | 媼<br>T2-424C | 媼<br>K2-2D28  |
| 5AA7<br>女 38.9  | 媾<br>G1-6634  | 媾<br>HB1-B445 | 媾<br>T1-5E6A | 媾<br>J13-2F79 | 5ABA<br>女 38.10 | 媼<br>G5-404D | 媼<br>HB2-DCF6 | 媼<br>T2-423D | 媼<br>J14-2568 |
| 5AA8<br>女 38.9  | 媼<br>G3-3D3F  | 媼<br>T3-3A56  |              |               | 5ABB<br>女 38.10 | 媼<br>G5-404E | 媼<br>HB2-DCF0 | 媼<br>T2-4244 | 媼<br>J1-397D  |
| 5AA9<br>女 38.9  | 媼<br>G5-4030  | 媼<br>HB2-D8C8 | 媼<br>T2-3B2C | 媼<br>K2-2D21  | 5ABC<br>女 38.10 | 媼<br>GE-362F | 媼<br>HB1-B6FE | 媼<br>T1-6365 | 媼<br>J0-553C  |
| 5AAA<br>女 38.9  | 媼<br>G0-6641  | 媼<br>HD-5AAA  | 媼<br>T3-3A79 | 媼<br>K1-6829  | 5ABD<br>女 38.10 | 媽<br>G1-4268 | 媽<br>HB1-B6FD | 媽<br>T1-6364 | 媽<br>J0-5540  |
| 5AAB<br>女 38.9  | 媼<br>MDH-5AAA |               |              |               | 5ABE<br>女 38.10 | 媼<br>G0-6645 | 媼<br>HB1-B6FC | 媼<br>T1-6363 | 媼<br>J0-553D  |
| 5AAC<br>女 38.9  | 媼<br>GE-362C  | 媼<br>H-FBB4   | 媼<br>T3-3A78 |               | 5ABF<br>女 38.10 | 媼<br>GE-3630 | 媼<br>HB2-DCF8 | 媼<br>T2-4242 | 媼<br>J14-2569 |
| 5AAD<br>女 38.9  | 媼<br>GE-362D  | 媼<br>HB2-D8BF | 媼<br>T2-3B23 | 媼<br>J1-3976  | 5AC0<br>女 38.10 | 嫗<br>G5-4043 | 嫗<br>HB2-DD41 | 嫗<br>T2-4247 |               |
| 5AAE<br>女 38.9  | 媼<br>GU-05AAE | 媼<br>HB2-D8C1 | 媼<br>T2-3B25 | 媼<br>K2-2D22  | 5AC1<br>女 38.10 | 嫁<br>G0-3C5E | 嫁<br>HB1-B6F9 | 嫁<br>T1-6360 | 嫁<br>J0-3247  |
| 5AAF<br>女 38.9  | 媼<br>GE-362E  | 媼<br>HB2-D8B5 | 媼<br>T2-3A77 |               | 5AC2<br>女 38.10 | 嫗<br>G0-4929 | 嫗<br>HB1-B741 | 嫗<br>T1-6367 | 嫗<br>J0-553F  |
| 5AB0<br>女 38.10 | 嫗<br>G3-3C3D  | 嫗<br>HB2-DCF4 | 嫗<br>T2-4241 | 嫗<br>K2-2D23  | 5AC3<br>女 38.10 | 嫗<br>G5-4049 | 嫗<br>H-90A7   | 嫗<br>T3-4067 |               |
| 5AB1<br>女 38.10 | 嫗<br>G5-404F  | 嫗<br>HB2-DCF8 | 嫗<br>T2-423F | 嫗<br>J14-2565 | 5AC4<br>女 38.10 | 嫗<br>G5-404C | 嫗<br>HB2-DCF4 | 嫗<br>T2-423B | 嫗<br>J13-2F7A |
| 5AB2<br>女 38.10 | 嫗<br>G0-6647  | 嫗<br>HB1-B742 | 嫗<br>T1-6368 | 嫗<br>J1-3978  | 5AC5<br>女 38.10 | 嫗<br>G3-3D3C | 嫗<br>T3-4066  |              |               |
| 5AB3<br>女 38.10 | 嫗<br>G0-4F31  | 嫗<br>HB1-B740 | 嫗<br>T1-6366 | 嫗<br>J14-2566 | 5AC6<br>女 38.10 | 嫗<br>G5-4054 | 嫗<br>HB2-DCF6 | 嫗<br>T2-4245 | 嫗<br>J1-3A22  |
|                 |               |               |              |               | 5AC7<br>女 38.10 | 嫗<br>G3-3D48 | 嫗<br>HB2-DCF3 | 嫗<br>T2-423A |               |

| HEX             | C            | J             | K            | V             | HEX             | C             | J             | K            | V             |              |
|-----------------|--------------|---------------|--------------|---------------|-----------------|---------------|---------------|--------------|---------------|--------------|
| 5DB5<br>山 46.13 | 嶧<br>GE-3763 | 嶧<br>HB2-E962 | 嶧<br>T2-566C | 嶧<br>K2-2F67  | 5DC9<br>山 46.17 | 巉<br>G3-3975  | 巉<br>HB1-C460 | 巉<br>T1-796B | 巉<br>J0-565A  | 巉<br>K1-6E58 |
| 5DB6<br>山 46.13 | 嶧<br>GE-3764 | 嶧<br>H-FC58   | 嶧<br>T3-6471 |               | 5DCA<br>山 46.17 | 巉<br>G3-3955  |               | 巉<br>T3-5C3C |               |              |
| 5DB7<br>山 46.14 | 嶧<br>G0-615A | 嶧<br>HB2-ECDA | 嶧<br>T2-5C66 | 嶧<br>J0-5658  | 5DCB<br>山 46.17 | 巉<br>G1-3F79  | 巉<br>HB2-F5C9 | 巉<br>T2-6B57 | 巉<br>J13-4F7D | 巉<br>K1-5B39 |
| 5DB8<br>山 46.14 | 嶧<br>G1-6149 | 嶧<br>HB1-C0AF | 嶧<br>T1-7358 | 嶧<br>J13-4F7C | 5DCC<br>山 46.17 | 巉<br>GE-3769  |               | 巉<br>T3-5C3E | 巉<br>J0-3460  | 巉<br>K2-2F6E |
| 5DB9<br>山 46.14 | 嶧<br>G5-3B27 | 嶧<br>H-8D66   | 嶧<br>T3-5457 | 嶧<br>J14-2867 | 巉<br>MD-5DCC    |               |               |              |               |              |
| 5DBA<br>山 46.14 | 嶧<br>G1-416B | 嶧<br>HB1-C0AD | 嶧<br>T1-7356 | 嶧<br>J0-4E66  | 5DCD<br>山 46.18 | 巉<br>G0-4E21  | 巉<br>HB1-C4DE | 巉<br>T1-7A69 | 巉<br>J0-565B  | 巉<br>K0-6864 |
| 5DBB<br>山 46.16 | 嶧<br>G3-396E |               | 嶧<br>T3-5459 | 嶧<br>K2-2F69  | 5DCE<br>山 46.19 | 巉<br>G5-3C22  |               | 巉<br>T4-663B | 巉<br>J1-3B7A  | 巉<br>K2-2F6F |
| 5DBC<br>山 46.14 | 嶧<br>G1-536C | 嶧<br>HB1-C0AC | 嶧<br>T1-7355 | 嶧<br>J0-5659  | 5DCF<br>山 46.18 | 巉<br>G3-3973  | 巉<br>HB2-F5CA | 巉<br>T2-6B58 |               | 巉<br>K2-2F70 |
| 5DBD<br>山 46.14 | 嶧<br>GE-3765 | 嶧<br>HB1-C0AE | 嶧<br>T1-7357 | 嶧<br>J0-5656  | 5DD0<br>山 46.18 | 巉<br>G5-3C21  |               | 巉<br>T3-5E2D | 巉<br>J1-3B79  |              |
| 5DBE<br>山 46.14 | 嶧<br>G3-396F |               | 嶧<br>T3-5455 | 嶧<br>K2-2F6A  | 5DD1<br>山 46.19 | 巉<br>G3-3972  | 巉<br>HB2-F6DE | 巉<br>T2-6D4C | 巉<br>J4-2868  | 巉<br>K1-6E4E |
| 5DBF<br>山 46.14 | 嶧<br>GE-3766 |               | 嶧<br>T3-6472 |               | 5DD2<br>山 46.19 | 巉<br>G1-424D  | 巉<br>HB1-C572 | 巉<br>T1-7B5E | 巉<br>J0-565D  | 巉<br>K0-5835 |
| 5DC0<br>山 46.15 | 嶧<br>GE-3767 | 嶧<br>HB2-EFC4 | 嶧<br>T2-6150 |               | 5DD3<br>山 46.19 | 巉<br>GE-376A  |               | 巉<br>T3-5F43 | 巉<br>J0-565C  | 巉<br>K1-6B78 |
| 5DC1<br>山 46.15 | 嶧<br>G3-384E | 嶧<br>H-9654   | 嶧<br>T3-5762 |               | 5DD4<br>山 46.19 | 巉<br>G1-615B  | 巉<br>HB1-C571 | 巉<br>T1-7B5D |               |              |
| 5DC2<br>山 46.15 | 嶧<br>G5-3F37 | 嶧<br>HB2-F172 | 嶧<br>T2-643E |               | 5DD5<br>山 46.19 | 巉<br>GE-376B  | 巉<br>HB2-F6DD | 巉<br>T2-6D4B |               |              |
| 5DC3<br>山 46.16 | 嶧<br>G3-3850 | 嶧<br>HB2-F1FD | 嶧<br>T2-6549 | 嶧<br>J1-3B76  | 5DD6<br>山 46.20 | 巉<br>GU-05DD6 | 巉<br>HB1-C5C9 | 巉<br>T1-7C35 | 巉<br>J0-565E  | 巉<br>K0-645C |
| 5DC4<br>山 46.16 | 嶧<br>G5-3A63 |               | 嶧<br>T3-5A39 | 嶧<br>K2-2F6B  | 5DD7<br>山 46.19 | 巉<br>GE-376C  | 巉<br>H-FBE8   | 巉<br>T3-6030 | 巉<br>J4-2869  |              |
| 5DC5<br>山 46.16 | 巉<br>G0-615B |               |              |               | 5DD8<br>山 46.20 | 巉<br>G3-3967  | 巉<br>HB2-F7D6 | 巉<br>T2-6F25 | 巉<br>J14-286A | 巉<br>K2-2F71 |
| 5DC6<br>山 46.17 | 嶧<br>G3-3950 | 嶧<br>HB2-F444 | 嶧<br>T2-6870 | 嶧<br>K2-2F6C  | 5DD9<br>山 46.20 | 巉<br>GE-376D  |               | 巉<br>T4-6B68 | 巉<br>J1-3B7C  | 巉<br>K2-2F72 |
| 5DC7<br>山 46.17 | 巉<br>G3-3974 | 巉<br>HB2-F445 | 巉<br>T2-6871 | 巉<br>J1-3B77  | 5DDA<br>山 46.20 | 巉<br>GE-376E  |               | 巉<br>T4-6A46 |               | 巉<br>K1-7341 |
| 5DC8<br>山 46.17 | 嶧<br>GE-3768 |               | 嶧<br>T3-5C3D |               | 5DDB<br>山 47.0  | 巉<br>G0-675D  | 巉<br>H-C6CC   | 巉<br>T3-213C | 巉<br>J0-565F  | 巉<br>K2-2F73 |

| HEX             | C            | J             | K             | V             | HEX             | C            | J             | K            | V             |
|-----------------|--------------|---------------|---------------|---------------|-----------------|--------------|---------------|--------------|---------------|
| 5F42<br>𠂔 57.10 | 𠂔<br>GE-384D | 𠂔<br>T3-4122  |               |               | 5F55<br>𠂔 58.5  | 𠂔<br>G0-423C | 𠂔<br>T3-2871  |              |               |
| 5F43<br>𠂔 57.11 | 彈<br>G3-3B6E | 彈<br>HB2-E1BF | 彈<br>T2-4A26  | 彈<br>K2-3134  | 𠂔<br>MD-5F55    |              |               |              |               |
| 5F44<br>𠂔 57.11 | 𠂔<br>G3-3B66 | 𠂔<br>HB2-E1BE | 𠂔<br>T2-4A25  | 𠂔<br>J1-3C73  | 5F56<br>𠂔 58.6  | 𠂔<br>G0-6568 | 𠂔<br>HB2-CEBD | 𠂔<br>T2-2A3E | 𠂔<br>J0-5741  |
| 5F45<br>𠂔 57.11 | 𠂔<br>GE-384E |               | 𠂔<br>J13-743A |               | 5F57<br>𠂔 58.8  | 𠂔<br>G0-6567 | 𠂔<br>HB1-B16B | 𠂔<br>T1-5A31 | 𠂔<br>J0-5742  |
| 5F46<br>𠂔 57.12 | 𠂔<br>G1-7824 | 𠂔<br>HB1-B9FB | 𠂔<br>T1-6863  | 𠂔<br>K1-6170  | 5F58<br>𠂔 58.9  | 𠂔<br>G0-6569 | 𠂔<br>HB2-D8F4 | 𠂔<br>T2-3B58 | 𠂔<br>J13-743C |
| 5F47<br>𠂔 57.12 | 𠂔<br>G5-3F21 |               | 𠂔<br>T4-495E  |               | 5F59<br>𠂔 58.10 | 𠂔<br>G1-783D | 𠂔<br>HB1-B74A | 𠂔<br>T1-6370 | 𠂔<br>J0-5743  |
| 5F48<br>𠂔 57.12 | 彈<br>G1-352F | 彈<br>HB1-BC75 | 彈<br>T1-6C5F  | 彈<br>J0-573C  | 5F5A<br>𠂔 58.10 | 𠂔<br>GE-3852 | 𠂔<br>T3-4123  |              |               |
| 5F49<br>𠂔 57.12 | 𠂔<br>G5-3F29 | 𠂔<br>HB2-E576 | 𠂔<br>T2-503F  | 𠂔<br>K2-3136  | 5F5B<br>𠂔 58.13 | 𠂔<br>GE-3853 | 𠂔<br>T3-505E  | 𠂔<br>J1-3C7A | 𠂔<br>K0-6C2D  |
| 5F4A<br>𠂔 57.13 | 𠂔<br>GE-384F | 𠂔<br>HB1-BECA | 𠂔<br>T1-7053  | 𠂔<br>J0-3630  | 5F5C<br>𠂔 58.13 | 𠂔<br>G5-3E47 | 𠂔<br>H-987A   | 𠂔<br>TF-5443 | 𠂔<br>J0-5734  |
| 5F4B<br>𠂔 57.13 | 𠂔<br>G5-3F2E | 𠂔<br>HB2-E974 | 𠂔<br>T2-567E  | 𠂔<br>K2-3137  | 5F5D<br>𠂔 58.15 | 𠂔<br>G0-524D | 𠂔<br>HB1-C255 | 𠂔<br>T3-5764 | 𠂔<br>J0-5733  |
| 5F4C<br>𠂔 57.14 | 𠂔<br>G1-4356 | 𠂔<br>HB1-C0B1 | 𠂔<br>T1-735A  | 𠂔<br>J0-573D  | 5F5E<br>𠂔 58.15 | 𠂔<br>GE-3854 | 𠂔<br>T1-7641  |              |               |
| 5F4D<br>𠂔 57.15 | 𠂔<br>G3-3B64 | 𠂔<br>H-95B8   | 𠂔<br>T3-5763  | 𠂔<br>J1-3C76  | 5F5F<br>𠂔 58.16 | 𠂔<br>G8-2E3D |               |              |               |
| 5F4E<br>𠂔 57.19 | 𠂔<br>G1-4D64 | 𠂔<br>HB1-C573 | 𠂔<br>T1-7B5F  | 𠂔<br>J0-573E  | 5F60<br>𠂔 58.23 | 𠂔<br>G5-3E46 | 𠂔<br>T3-6164  | 𠂔<br>J1-3C7B | 𠂔<br>K2-313E  |
| 5F4F<br>𠂔 57.20 | 𠂔<br>G3-3B79 | 𠂔<br>HB2-F7D8 | 𠂔<br>T2-6F27  | 𠂔<br>K2-3139  | 5F61<br>𠂔 59.0  | 𠂔<br>G0-616A | 𠂔<br>H-C6D1   | 𠂔<br>T3-2142 | 𠂔<br>J0-5744  |
| 5F50<br>𠂔 58.0  | 𠂔<br>G0-6566 | 𠂔<br>H-C6D0   | 𠂔<br>T3-2140  | 𠂔<br>J1-3C77  | 5F62<br>𠂔 59.4  | 𠂔<br>G0-504E | 𠂔<br>HB1-A7CE | 𠂔<br>T1-4A30 | 𠂔<br>J0-3741  |
| 5F51<br>𠂔 58.0  | 𠂔<br>GE-3850 | 𠂔<br>H-8BCA   | 𠂔<br>T3-2141  | 𠂔<br>J0-5740  | 5F63<br>𠂔 59.4  | 𠂔<br>G5-5076 | 𠂔<br>H-FC51   | 𠂔<br>T3-2572 | 𠂔<br>J14-2C33 |
| 5F52<br>𠂔 58.2  | 𠂔<br>G0-3969 |               | 𠂔<br>T3-224A  |               | 5F64<br>𠂔 59.4  | 𠂔<br>G0-4D2E | 𠂔<br>HB1-A7CD | 𠂔<br>T1-4A2F | 𠂔<br>J13-743D |
| 5F53<br>𠂔 58.3  | 𠂔<br>G0-3531 |               | 𠂔<br>T3-2351  | 𠂔<br>J0-4576  | 5F65<br>𠂔 59.6  | 𠂔<br>GE-3855 | 𠂔<br>HB1-ABDB | 𠂔<br>T1-507D |               |
| 5F54<br>𠂔 58.5  | 𠂔<br>GE-3851 | 𠂔<br>HB2-CC74 | 𠂔<br>T2-2655  | 𠂔<br>J13-743B |                 |              |               |              |               |

| HEX             | C            | J             | K            | V             | HEX          | C              | J            | K             | V            |              |              |              |
|-----------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|---------------|--------------|--------------|--------------|--------------|
| 6522<br>手 64.19 | 攢<br>G1-545C | 攢<br>HB2-F6E3 | 攢<br>T2-6D51 | 攢<br>J13-7526 | 攢<br>K1-6E4F | 6536<br>支 66.2 | 收<br>G0-4A55 | 收<br>HB1-A6AC | 收<br>T1-482D | 收<br>J0-5A40 | 收<br>K0-6225 | 收<br>V1-5777 |
| 6523<br>手 64.19 | 攣<br>G1-424E | 攣<br>HB1-C5CB | 攣<br>T1-7C37 | 攣<br>J0-5A3B  | 攣<br>K0-557D | 6537<br>支 66.2 | 攷<br>GE-3B31 | 攷<br>HB2-CAF7 | 攷<br>T2-224D | 攷<br>J0-5A3F | 攷<br>K0-4D39 | 攷<br>V1-5778 |
| 6524<br>手 64.19 | 攤<br>G1-4C2F | 攤<br>HB1-C575 | 攤<br>T1-7B61 | 攤<br>J0-5A3A  | 攤<br>K1-7143 | 6538<br>支 66.3 | 攸<br>G0-587C | 攸<br>HB1-A7F1 | 攸<br>T1-4A53 | 攸<br>J0-5A41 | 攸<br>K0-6A72 |              |
| 6525<br>手 64.20 | 攢<br>G0-5F2C | 攢<br>HB2-F7DD | 攢<br>T2-6F2C |               | 攢<br>K2-375A | 6539<br>支 66.3 | 攷<br>G0-3844 | 攷<br>HB1-A7EF | 攷<br>T1-4A51 | 攷<br>J0-327E | 攷<br>K0-4B47 | 攷<br>V2-8C76 |
| 6526<br>手 64.19 | 攢<br>G3-4A39 | 攢<br>HB2-F6E2 | 攢<br>T2-6D50 | 攢<br>J1-4143  | 攢<br>K2-375B | 653A<br>支 66.3 | 攷<br>G5-3E6E |               | 攷<br>T4-243F | 攷<br>J1-4147 | 攷<br>K2-3764 |              |
| 6527<br>手 64.19 | 攢<br>G3-4B57 |               | 攢<br>T3-5F49 |               | 攢<br>K2-375C | 653B<br>支 66.3 | 攷<br>G0-3925 | 攷<br>HB1-A7F0 | 攷<br>T1-4A52 | 攷<br>J0-3936 | 攷<br>K0-4D74 | 攷<br>V1-5779 |
| 6528<br>手 64.20 | 攢<br>GE-3B2F |               | 攢<br>T3-6032 |               |              | 653C<br>支 66.3 | 攷<br>G5-3547 |               | 攷<br>T4-243E | 攷<br>J1-4148 | 攷<br>K2-3765 |              |
| 6529<br>手 64.20 | 攢<br>GE-3B30 | 攢<br>HB2-F7DC | 攢<br>T2-6F2B | 攢<br>J13-7527 | 攢<br>K2-375D | 653D<br>支 66.4 | 攷<br>G5-4935 | 攷<br>HB2-CCC1 | 攷<br>T2-2722 | 攷<br>J1-4149 | 攷<br>K1-613A |              |
| 652A<br>手 64.20 | 攢<br>G1-3D41 | 攢<br>HB1-C5CD | 攢<br>T1-7C39 | 攢<br>J0-5978  | 攢<br>K0-4E66 | 653E<br>支 66.4 | 攷<br>G0-3745 | 攷<br>HB1-A9F1 | 攷<br>T1-4D73 | 攷<br>J0-4A7C | 攷<br>K0-5B2F | 攷<br>V1-577A |
| 652B<br>手 64.20 | 攢<br>G0-3E70 | 攢<br>HB1-C5CC | 攢<br>T1-7C38 | 攢<br>J0-5A3C  | 攢<br>K0-7C2B | 653F<br>支 66.4 | 攷<br>G0-557E | 攷<br>HB1-AC46 | 攷<br>T1-5149 | 攷<br>J0-402F | 攷<br>K0-6F59 | 攷<br>V1-577B |
| 652C<br>手 64.21 | 攢<br>G1-403F | 攢<br>HB1-C5F3 | 攢<br>T1-7C5F | 攢<br>J0-5A30  | 攢<br>K0-553B | 6540<br>支 66.5 | 攷<br>G5-5B53 |               | 攷<br>T3-2C74 |              | 攷<br>K2-3766 |              |
| 652D<br>手 64.21 | 攢<br>G5-4E26 | 攢<br>HB2-F8A9 | 攢<br>T2-7037 | 攢<br>K2-375E  | 攢<br>V2-8C75 | 6541<br>支 66.5 | 攷<br>G5-486F | 攷<br>HB2-CEE7 | 攷<br>T2-2A68 |              | 攷<br>K2-3767 |              |
| 652E<br>手 64.22 | 攢<br>G0-5F2D | 攢<br>HB2-F8EF | 攢<br>T2-707D | 攢<br>J1-4145  | 攢<br>K2-375F | 6542<br>支 66.5 | 攷<br>GE-3B32 |               | 攷<br>T3-2C76 |              |              |              |
| 652F<br>支 65.0  | 攢<br>G0-5627 | 攢<br>HB1-A4E4 | 攢<br>T1-4545 | 攢<br>J0-3B59  | 攢<br>K0-7228 | 6543<br>支 66.5 | 攷<br>G5-4936 | 攷<br>HB2-CEE8 | 攷<br>T2-2A69 | 攷<br>J1-414A | 攷<br>K2-3768 |              |
| 6530<br>支 65.2  | 攢<br>GH-1259 | 攢<br>H-9DC7   | 攢<br>T6-236C |               |              | 6544<br>支 66.5 | 攷<br>G5-5E7C |               | 攷<br>T3-2C73 | 攷<br>J4-2D62 | 攷<br>K2-3769 |              |
| 6531<br>支 65.5  | 攢<br>G5-5D7B |               | 攢<br>T3-2C72 | 攢<br>J1-4146  | 攢<br>K2-3760 | 6545<br>支 66.5 | 攷<br>G0-394A | 攷<br>HB1-AC47 | 攷<br>T1-514A | 攷<br>J0-384E | 攷<br>K0-4D3A | 攷<br>V1-577C |
| 6532<br>支 65.8  | 攢<br>G3-4368 | 攢<br>HB2-D972 | 攢<br>T2-3C37 | 攢<br>J4-2D61  | 攢<br>K1-5B6D | 6546<br>支 66.6 | 攷<br>G3-4725 | 攷<br>HB2-D1CE | 攷<br>T2-2F50 |              | 攷<br>K2-376A |              |
| 6533<br>支 65.12 | 攢<br>G5-4642 | 攢<br>HB2-E9AF | 攢<br>T2-573A |               | 攢<br>K2-3761 | 6547<br>支 66.6 | 攷<br>GE-3B33 |               | 攷<br>T4-2D43 | 攷<br>J1-414B |              |              |
| 6534<br>支 66.0  | 攢<br>G0-6A37 | 攢<br>H-C6D2   | 攢<br>T3-2167 | 攢<br>J0-5A3D  | 攢<br>K2-3762 | 6548<br>支 66.6 | 攷<br>G0-5027 | 攷<br>HB1-AEC4 | 攷<br>T1-5566 | 攷<br>J0-5A43 | 攷<br>K0-7C79 | 攷<br>V1-577D |
| 6535<br>支 66.0  | 攢<br>G0-6B36 | 攢<br>H-8BCE   | 攢<br>T3-2168 | 攢<br>J0-5A3E  | 攢<br>K2-3763 | 6549<br>支 66.6 | 攷<br>G0-744D | 攷<br>HB1-AEC5 | 攷<br>T1-5567 | 攷<br>J1-414C | 攷<br>K1-607B |              |



| HEX             | C            | J             | K            | V             | HEX          | C               | J            | K             | V            |               |              |              |
|-----------------|--------------|---------------|--------------|---------------|--------------|-----------------|--------------|---------------|--------------|---------------|--------------|--------------|
| 6AAF<br>木 75.14 | 檯<br>G1-786D | 檯<br>HB1-C269 | 檯<br>T1-7655 | 檯<br>J1-4544  | 檯<br>K2-3D54 | 6AC3<br>木 75.14 | 櫃<br>G1-3971 | 櫃<br>HB1-C264 | 櫃<br>T1-7650 | 櫃<br>J0-5D24  | 櫃<br>K0-4F76 | 櫃<br>V1-5A7A |
| 6AB0<br>木 75.14 | 棉<br>G3-432E |               | 棉<br>T3-5777 | 棉<br>J1-4545  | 棉<br>K2-3D55 | 6AC4<br>木 75.14 | 標<br>G5-4621 |               | 標<br>T3-5822 |               |              |              |
| 6AB1<br>木 75.14 | 檯<br>GE-3E2B | 檯<br>H-9DA8   | 檯<br>T3-5821 | 檯<br>J1-4546  |              | 6AC5<br>木 75.14 | 檯<br>G3-413F | 檯<br>HB2-EFDD | 檯<br>T2-6169 |               | 檯<br>K2-3D5F |              |
| 6AB2<br>木 75.14 | 檯<br>GE-3E2C | 檯<br>H-94F9   | 檯<br>T3-5776 |               |              | 6AC6<br>木 75.14 | 檯<br>G3-434B | 檯<br>HB2-EFE1 | 檯<br>T2-616D | 檯<br>J14-2F64 | 檯<br>K2-3D60 |              |
| 6AB3<br>木 75.14 | 檯<br>G1-6944 | 檯<br>HB1-C262 | 檯<br>T1-764E | 檯<br>J0-5D27  | 檯<br>K0-5E31 | 6AC7<br>木 75.14 | 檯<br>G5-4550 | 檯<br>HB2-EFE5 | 檯<br>T2-6171 |               | 檯<br>K2-3D61 |              |
| 6AB4<br>木 75.14 | 檯<br>G3-4343 | 檯<br>HB2-EFE6 | 檯<br>T2-6172 | 檯<br>J1-4547  | 檯<br>K2-3D56 | 6AC8<br>木 75.14 | 檯<br>GE-3E2F | 檯<br>H-FD5F   | 檯<br>T3-577B | 檯<br>J1-454D  |              | 檯<br>V1-5A7B |
| 6AB5<br>木 75.14 | 檯<br>G3-4355 | 檯<br>H-8DCE   | 檯<br>T3-5778 |               | 檯<br>K2-3D57 | 6AC9<br>木 75.14 | 檯<br>GE-3E30 | 檯<br>H-93F0   |              | 檯<br>J1-454C  |              |              |
| 6AB6<br>木 75.14 | 檯<br>G5-437A | 檯<br>HB2-EFE3 | 檯<br>T2-616F |               | 檯<br>K1-6757 | 6ACA<br>木 75.14 | 檯<br>GE-3E31 | 檯<br>H-9FB6   | 檯<br>T3-6533 |               | 檯<br>V1-5A7C |              |
| 6AB7<br>木 75.14 | 檯<br>G3-407A | 檯<br>HB2-EFE4 | 檯<br>T2-6170 |               | 檯<br>K2-3D58 | 6ACB<br>木 75.15 | 檯<br>G3-4358 | 檯<br>HB2-F251 | 檯<br>T2-655C |               | 檯<br>K2-3D62 |              |
| 6AB8<br>木 75.14 | 檯<br>G1-447B | 檯<br>HB1-C266 | 檯<br>T1-7652 | 檯<br>J0-5D26  | 檯<br>K2-3D59 | 6ACC<br>木 75.15 | 檯<br>G5-4629 | 檯<br>HB2-F24E | 檯<br>T2-6559 | 檯<br>J1-454E  | 檯<br>K2-3D63 |              |
| 6AB9<br>木 75.14 | 檯<br>G5-4625 | 檯<br>HB2-EFDE | 檯<br>T2-616A |               | 檯<br>K2-3D5A | 6ACD<br>木 75.15 | 檯<br>G3-4178 | 檯<br>HB2-F257 | 檯<br>T2-6562 |               | 檯<br>K2-3D64 |              |
| 6ABA<br>木 75.14 | 檯<br>GE-3E2D | 檯<br>HB2-EFE2 | 檯<br>T2-616E | 檯<br>K2-3D5B  | 檯<br>V1-5A78 | 6ACE<br>木 75.15 | 檯<br>G3-4050 |               | 檯<br>T3-5A44 |               | 檯<br>K2-3D65 |              |
| 6ABB<br>木 75.14 | 檯<br>G1-3C77 | 檯<br>HB1-C265 | 檯<br>T1-7651 | 檯<br>J0-5D23  | 檯<br>K0-7963 | 6ACF<br>木 75.15 | 檯<br>GE-3E32 | 檯<br>HB2-F256 | 檯<br>T2-6561 |               | 檯<br>K2-3D66 |              |
| 6ABC<br>木 75.14 | 檯<br>G5-4623 |               | 檯<br>T3-577E |               | 檯<br>K1-6A33 | 6AD0<br>木 75.15 | 檯<br>GE-3E33 | 檯<br>HB2-F254 | 檯<br>T2-655F | 檯<br>J14-2F66 | 檯<br>K2-3D67 |              |
| 6ABD<br>木 75.14 | 檯<br>G3-4351 | 檯<br>HB2-EFDF | 檯<br>T2-616B | 檯<br>J14-2F63 | 檯<br>K2-3D5C | 6AD1<br>木 75.15 | 檯<br>G5-462A | 檯<br>HB2-F24F | 檯<br>T2-655A | 檯<br>J0-5D2A  | 檯<br>K2-3D68 |              |
| 6ABE<br>木 75.14 | 檯<br>G5-6950 | 檯<br>H-93EA   | 檯<br>T3-5779 | 檯<br>J1-4549  | 檯<br>K2-3D5D | 6AD2<br>木 75.15 | 檯<br>GE-3E34 |               | 檯<br>T3-5A4F |               |              |              |
| 6ABF<br>木 75.14 | 檯<br>G3-303B |               | 檯<br>T3-5823 | 檯<br>J1-454A  | 檯<br>K1-6756 | 6AD3<br>木 75.15 | 檯<br>G1-6956 | 檯<br>HB1-C372 | 檯<br>T1-783F | 檯<br>J0-4F26  | 檯<br>K0-5650 |              |
| 6AC0<br>木 75.14 | 檯<br>G5-457D |               | 檯<br>T3-577D |               |              | 6AD4<br>木 75.15 | 檯<br>G5-4353 | 檯<br>H-8DCF   | 檯<br>T3-5A45 | 檯<br>J14-2F65 |              |              |
| 6AC1<br>木 75.14 | 檯<br>G5-4626 |               | 檯<br>T3-577A | 檯<br>J0-5C6A  | 檯<br>K2-3D5E | 6AD5<br>木 75.15 | 檯<br>G5-4552 |               | 檯<br>T3-5A4E | 檯<br>J1-4551  |              |              |
| 6AC2<br>木 75.14 | 檯<br>GE-3E2E | 檯<br>HB1-C267 | 檯<br>T1-7653 | 檯<br>J0-5D25  | 檯<br>K0-5422 | 6AD6<br>木 75.15 | 檯<br>GE-3E35 |               | 檯<br>T4-5F71 | 檯<br>J1-4552  |              |              |

| HEX             | C         | J          | K          | V          | HEX       | C              | J               | K          | V          |            |           |           |           |
|-----------------|-----------|------------|------------|------------|-----------|----------------|-----------------|------------|------------|------------|-----------|-----------|-----------|
| 6B9F<br>𣎵 78.10 | 殞 G3-452A | 殞 HB2-E267 | 殞 T2-4B2F  | 殞 J1-4626  | 殞 K2-3E67 | 6BB3<br>殳 79.0 | 殳 G0-6C2F       | 殳 HB2-C95F | 殳 T2-213F  | 殳 J0-5D55  | 殳 K1-652D |           |           |
| 6BA0<br>殳 78.10 | 殳 G5-4756 | 殳 HB2-E268 | 殳 T2-4B30  | 殳 J1-4627  | 殳 K2-3E68 | 6BB4<br>殳 79.4 | 段 G0-4539       | 段 T3-2959  | 段 J0-3225  | 段 K2-3E70  |           |           |           |
| 6BA1<br>殳 78.10 | 殳 G0-696B | 殳 T3-4754  |            |            |           | 6BB5<br>殳 79.5 | 段 G0-364E       | 段 HB1-AC71 | 段 T1-5174  | 段 J0-434A  | 段 K0-532B | 段 V1-5B44 |           |
| 6BA2<br>殳 78.11 | 殳 G3-4529 | 殳 HB2-E5F3 | 殳 T2-513C  | 殳 J1-4628  | 殳 K1-6F60 | 6BB6<br>殳 79.5 | 段 G3-4F29       | 段 HB2-CF67 | 段 T2-2B49  |            | 段 K2-3E71 |           |           |
| 6BA3<br>殳 78.11 | 殳 G3-452F | 殳 HB2-E5F2 | 殳 T2-513B  | 殳 J1-4629  | 殳 K2-3E69 | 6BB7<br>殳 79.6 | 段 G0-5273       | 段 HB1-AEEF | 段 T1-5633  | 段 J0-5D56  | 段 K0-6B5C | 段 V1-5B45 |           |
| 6BA4<br>殳 78.11 | 殳 G1-6964 | 殳 HB1-BCDC | 殳 T1-6D46  | 殳 J0-5D4F  | 殳 K1-6379 | 6BB8<br>殳 79.7 | 段 G5-5065       | 段 T4-324E  | 段 J1-4630  |            |           |           |           |
| 6BA5<br>殳 78.11 | 殳 G3-4530 | 殳 HB2-E5F1 | 殳 T2-513A  | 殳 K2-3E6A  |           | 6BB9<br>殳 79.7 | 段 G3-4F2B       | 段 T4-3250  | 段 J1-4631  |            |           |           |           |
| 6BA6<br>殳 78.11 | 殳 GE-3E5C | 殳 HB2-E5F4 | 殳 T2-513D  |            |           | 6BBA<br>殳 79.7 | 殺 G1-4931       | 殺 HB1-B1FE | 殺 T1-5B44  | 殺 J0-3B26  | 殺 K0-5F2F | 殺 V1-5B46 |           |
| 6BA7<br>殳 78.12 | 殳 G3-4532 | 殳 HB2-E9E1 | 殳 T2-576C  | 殳 K2-3E6B  |           | 6BBB<br>殳 79.7 | 殺 G1-3F47       | 殺 T3-3665  | 殺 J0-334C  |            |           | 殺 V1-5B47 |           |
| 6BA8<br>殳 78.12 | 殳 G5-474E | 殳 T4-506D  | 殳 J1-462A  | 殳 K2-3E6C  |           | 6BBC<br>殳 79.8 | 殺 G5-5068       | 殺 HB1-B4DF | 殺 T1-6026  | 殺 J0-5D57  | 殺 K0-4A43 |           |           |
| 6BA9<br>殳 78.12 | 殳 GE-3E5D | 殳 T5-5B72  | 殳 J13-7647 |            |           | 6BBD<br>殳 79.8 | 殺 GE-3E61       | 殺 HB2-D9E2 | 殺 T2-3D27  | 殺 J14-6E24 | 殺 K1-745B |           |           |
| 6BAA<br>殳 78.12 | 殳 G0-696C | 殳 HB2-E9E2 | 殳 T2-576D  | 殳 J0-5D50  | 殳 K2-3E6D | 殳 V1-5B41      | 6BBE<br>殳 79.9  | 殺 GE-3E62  | 殺 T3-3C4B  | 殺 J14-6E25 | 殺 K2-3E72 |           |           |
| 6BAB<br>殳 78.12 | 殳 G1-6969 | 殳 HB2-E9E3 | 殳 T2-576E  | 殳 J0-5D51  | 殳 K1-7144 |                | 6BBF<br>殳 79.9  | 殿 G0-356E  | 殿 HB1-B7B5 | 殿 T1-645B  | 殿 J0-4542 | 殿 K0-6E7C | 殿 V1-5B48 |
| 6BAC<br>殳 78.13 | 殳 GE-3E5E | 殳 T4-5652  | 殳 J1-462C  | 殳 K2-3E6E  |           | 6BC0<br>殳 79.9 | 毀 GE-3E63       | 毀 HB1-B7B4 | 毀 T1-645A  | 毀 J0-544C  | 毀 K2-3E73 |           |           |
| 6BAD<br>殳 78.13 | 殳 GE-3E5F | 殳 HB2-ED4C | 殳 T2-5D38  | 殳 J13-7648 | 殳 K1-575E |                | UTC-01024       |            |            |            |           |           |           |
| 6BAE<br>殳 78.13 | 殳 G1-6967 | 殳 HB1-C0D4 | 殳 T1-737D  | 殳 J14-6E22 | 殳 K0-5631 | 殳 V1-5B42      | 6BC1<br>殳 79.9  | 毀 G0-3B59  | 毀 H-8DD2   | 毀 T3-4226  | 毀 K0-7D43 | 毀 V1-5B49 |           |
| 6BAF<br>殳 78.14 | 殳 G1-696B | 殳 HB1-C26C | 殳 T1-7658  | 殳 J0-5D52  | 殳 K0-5E32 | 殳 V1-5B43      | 6BC2<br>殳 79.9  | 穀 G0-6C31  |            |            |           |           |           |
| 6BB0<br>殳 78.15 | 殳 G3-447E | 殳 HB2-F25A | 殳 T2-6565  | 殳 J1-462F  | 殳 K2-3E6F |                | 6BC3<br>殳 79.10 | 穀 G5-7968  | 穀 HB2-E269 | 穀 T2-4B31  | 穀 J1-4634 | 穀 K2-3E74 |           |
| 6BB1<br>殳 78.15 | 殳 GE-3E60 |            | 殳 J0-5D54  |            |           |                | 6BC4<br>殳 79.10 | 穀 GE-3E64  | 穀 HB2-E26A | 穀 T2-4B32  | 穀 J1-4635 | 穀 K1-5830 |           |
| 6BB2<br>殳 78.17 | 殳 G1-3C5F | 殳 HB1-C4E8 | 殳 T1-7A73  | 殳 J0-5D53  | 殳 K0-6068 |                | 6BC5<br>殳 79.11 | 毅 G0-5263  | 毅 HB1-BCDD | 毅 T1-6D47  | 毅 J0-3523 | 毅 K0-6B76 | 毅 V1-5B4A |



| HEX            | C            | J             | K            | V             | HEX            | C             | J              | K             | V             |               |
|----------------|--------------|---------------|--------------|---------------|----------------|---------------|----------------|---------------|---------------|---------------|
| 741F<br>玉 96.8 | 璫<br>G3-3F59 | 璫<br>H-98CA   | 璫<br>T3-3D35 | 璫<br>K6-0005  | 7433<br>玉 96.8 | 琳<br>G0-4155  | 琳<br>HB1-B559  | 琳<br>T1-605F  | 琳<br>J0-4E56  | 琳<br>K0-577B  |
| 7420<br>玉 96.8 | 璫<br>G5-4246 | 璫<br>HB2-DAA9 | 璫<br>T2-3E2D | 璫<br>K0-6F22  | 7434<br>玉 96.8 | 琴<br>G0-4759  | 琴<br>HB1-B55E  | 琴<br>T1-6064  | 琴<br>J0-3657  | 琴<br>K0-5056  |
| 7421<br>玉 96.8 | 璫<br>G3-3F56 | 璫<br>HB2-DAA2 | 璫<br>T2-3E26 | 璫<br>K0-625A  | 7435<br>玉 96.8 | 琵琶<br>G0-457D | 琵琶<br>HB1-B55C | 琵琶<br>T1-6062 | 琵琶<br>J0-487C | 琵琶<br>K0-5D75 |
| 7422<br>玉 96.8 | 琢<br>G0-5741 | 琢<br>HB1-B55A | 琢<br>T1-6060 | 琢<br>J0-4276  | 7436<br>玉 96.8 | 琶<br>G0-4543  | 琶<br>HB1-B55D  | 琶<br>T1-6063  | 琶<br>J0-474A  | 琶<br>K0-7771  |
| 7423<br>玉 96.8 | 琰<br>G5-424A | 琰<br>HB2-DAA6 | 琰<br>T2-3E2A | 琰<br>K0-767C  | 7437<br>玉 96.8 | 琰<br>G5-4240  | 琰<br>H-946D    |               |               |               |
| 7424<br>玉 96.8 | 琰<br>G3-3F3E | 琰<br>HB2-DAA5 | 琰<br>T2-3E29 | 琰<br>J14-706E | 7438<br>玉 96.8 | 琰<br>GE-4243  | 琰<br>H-94B7    | 琰<br>T3-3D33  | 琰<br>K0-767D  |               |
| 7425<br>玉 96.8 | 琥<br>G0-677A | 琥<br>HB1-B55B | 琥<br>T1-6061 | 琥<br>J0-6068  | 7439<br>玉 96.8 | 琰<br>GE-4244  | 琰<br>H-FE6C    | 琰<br>T3-3D3C  | 琰<br>J14-7070 | 琰<br>K2-4826  |
| 7426<br>玉 96.8 | 琦<br>G0-6779 | 琦<br>HB1-B561 | 琦<br>T1-6067 | 琦<br>J13-7826 | 743A<br>玉 96.8 | 琰<br>GE-4245  | 琰<br>HB1-B557  | 琰<br>T1-605D  | 琰<br>J0-606B  | 琰<br>K0-5B77  |
| 7427<br>玉 96.8 | 璫<br>G5-4272 | 璫<br>T3-4264  |              |               | 743B<br>玉 96.8 | 琰<br>GE-4246  | 琰<br>T3-6566   |               |               |               |
| 7428<br>玉 96.8 | 琰<br>G0-677B | 琰<br>HB1-B562 | 琰<br>T1-6068 | 琰<br>J13-7827 | 743C<br>玉 96.8 | 琰<br>G0-476D  | 琰<br>H-946B    | 琰<br>T3-3D37  |               |               |
| 7429<br>玉 96.8 | 琰<br>G5-4244 | 琰<br>HB2-DAA8 | 琰<br>T2-3E2C | 琰<br>J1-4C2D  | 743D<br>玉 96.9 | 琰<br>GE-4247  | 琰<br>T3-4268   |               |               |               |
| 742A<br>玉 96.8 | 琪<br>G0-6777 | 琪<br>HB1-B558 | 琪<br>T1-605E | 琪<br>J13-7828 | 743E<br>玉 96.9 | 琰<br>G5-4252  | 琰<br>T3-4275   |               |               |               |
| 742B<br>玉 96.8 | 琰<br>G3-3F52 | 琰<br>HB2-DA7D | 琰<br>T2-3E23 | 琰<br>J13-7829 | 743F<br>玉 96.9 | 琰<br>G1-6775  | 琰<br>HB1-B7E9  | 琰<br>T1-6531  | 琰<br>J0-606D  | 琰<br>K0-7B6A  |
| 742C<br>玉 96.8 | 琰<br>G0-677E | 琰<br>HB2-DA7B | 琰<br>T2-3E21 | 琰<br>J13-782A | 7440<br>玉 96.9 | 琰<br>G3-3F62  | 琰<br>HB2-DEB7  | 琰<br>T2-447B  | 琰<br>J14-7072 | 琰<br>K0-695C  |
| 742D<br>玉 96.8 | 琰<br>G3-3F5C | 琰<br>HB2-DAA3 | 琰<br>T2-3E27 | 琰<br>J1-4C31  | 7441<br>玉 96.9 | 琰<br>G0-6823  | 琰<br>HB1-B7E8  | 琰<br>T1-6530  | 琰<br>J0-6070  | 琰<br>K0-5941  |
| 742E<br>玉 96.8 | 琰<br>G0-677D | 琰<br>HB2-DA7A | 琰<br>T2-3D7E | 琰<br>J13-782B | 7442<br>玉 96.9 | 琰<br>G3-3F65  | 琰<br>HB2-DEBB  | 琰<br>T2-4521  | 琰<br>K2-4827  |               |
| 742F<br>玉 96.8 | 琰<br>G3-3F5A | 琰<br>HB1-B55F | 琰<br>T1-6065 | 琰<br>J13-782C | 7443<br>玉 96.9 | 琰<br>G3-3F5D  | 琰<br>H-92FC    | 琰<br>T3-426F  | 琰<br>J14-7073 | 琰<br>K0-7572  |
| 7430<br>玉 96.8 | 琰<br>G0-677C | 琰<br>HB2-DA7C | 琰<br>T2-3E22 | 琰<br>J13-782D | 7444<br>玉 96.9 | 琰<br>G3-3F64  | 琰<br>HB2-DEB1  | 琰<br>T2-4475  | 琰<br>J13-782E | 琰<br>K0-6045  |
| 7431<br>玉 96.8 | 琰<br>GE-4242 | 琰<br>HB2-DAA4 | 琰<br>T2-3E28 | 琰<br>J14-706F | 7445<br>玉 96.9 | 琰<br>G5-424F  | 琰<br>H-95EB    | 琰<br>T3-4274  | 琰<br>K1-6C69  |               |
| 7432<br>玉 96.8 | 琰<br>G3-3F55 | 琰<br>HB2-DAAA | 琰<br>T2-3E2E | 琰<br>J0-606A  | 7446<br>玉 96.9 | 琰<br>G3-3F60  | 琰<br>HB2-DEBC  | 琰<br>T2-4522  | 琰<br>J13-782F | 琰<br>K1-645E  |

| HEX             | C            | J             | K            | V             | HEX          | C               | J            | K             | V            |               |              |              |
|-----------------|--------------|---------------|--------------|---------------|--------------|-----------------|--------------|---------------|--------------|---------------|--------------|--------------|
| 7497<br>玉 96.12 | 盪<br>G3-4028 | 盪<br>HB2-ED66 | 盪<br>T2-5D52 | 盪<br>J4-707D  | 盪<br>K2-4849 | 74AB<br>玉 96.13 | 璫<br>G3-3F37 | 璫<br>HB2-ED68 | 璫<br>T2-5D54 | 璫<br>J14-7125 | 璫<br>K1-5D27 |              |
| 7498<br>玉 96.12 | 璘<br>G3-3F7C | 璘<br>HB1-BF5A | 璘<br>T1-7144 | 璘<br>J13-7839 | 璘<br>K0-5773 | 74AC<br>玉 96.13 | 璫<br>G3-4024 | 璫<br>T3-554F  |              |               |              |              |
| 7499<br>玉 96.12 | 璖<br>G3-3F78 | 璖<br>H-92D3   | 璖<br>T4-5138 | 璖<br>J14-707E | 璖<br>K2-484A | 74AD<br>玉 96.13 | 璫<br>GE-4255 | 璫<br>HB2-ED6B | 璫<br>T2-5D57 | 璫<br>K2-4851  |              |              |
| 749A<br>玉 96.12 | 璗<br>G5-4266 | 璗<br>HB2-EA63 | 璗<br>T2-584F | 璗<br>J1-4C57  | 璗<br>K2-484B | 74AE<br>玉 96.13 | 璗<br>GE-4256 | 璗<br>T3-554B  | 璗<br>J1-4C62 | 璗<br>K2-4852  |              |              |
| 749B<br>玉 96.12 | 璘<br>G3-3F5B | 璘<br>H-94B8   | 璘<br>T3-5167 |               | 璘<br>K2-484C | 74AF<br>玉 96.13 | 璗<br>G3-3F3A | 璗<br>HB2-ED6E | 璗<br>T2-5D5A | 璗<br>J1-4C63  | 璗<br>K2-4853 |              |
| 749C<br>玉 96.12 | 璘<br>G0-682B | 璘<br>HB1-BF58 | 璘<br>T1-7142 | 璘<br>J13-783A | 璘<br>K0-7C54 | 74B0<br>玉 96.13 | 璗<br>G1-3B37 | 璗<br>HB1-C0F4 | 璗<br>T1-743F | 璗<br>J0-3444  | 璗<br>K0-7C3B | 璗<br>V2-8E21 |
| 749D<br>玉 96.12 | 璘<br>G5-4251 | 璘<br>H-8779   | 璘<br>T3-516C |               | 璘<br>K1-5A28 | 74B1<br>玉 96.13 | 璗<br>G5-4267 | 璗<br>HB2-ED6C | 璗<br>T2-5D58 | 璗<br>J1-4C64  | 璗<br>K2-4854 |              |
| 749E<br>玉 96.12 | 璘<br>G0-6831 | 璘<br>HB1-BF5C | 璘<br>T1-7146 | 璘<br>J0-6079  | 璘<br>K0-5A57 | 74B2<br>玉 96.13 | 璗<br>G3-3F7D | 璗<br>HB2-ED67 | 璗<br>T2-5D53 | 璗<br>J1-4C65  | 璗<br>K0-6230 |              |
| 749F<br>玉 96.12 | 璗<br>G3-3F79 | 璗<br>HB1-BF5B | 璗<br>T1-7145 | 璗<br>J13-783B | 璗<br>K0-4C5F | 74B3<br>玉 96.13 | 璗<br>GE-4257 | 璗<br>T3-554D  |              |               |              |              |
| 74A0<br>玉 96.12 | 璗<br>G3-3F7A | 璗<br>HB2-EA64 | 璗<br>T2-5850 | 璗<br>J14-7121 | 璗<br>K2-484D | 74B4<br>玉 96.13 | 璗<br>GE-4258 | 璗<br>H-975E   | 璗<br>T3-6569 |               |              |              |
| 74A1<br>玉 96.12 | 璗<br>G3-3F48 | 璗<br>HB2-EA68 | 璗<br>T2-5854 | 璗<br>J14-7122 | 璗<br>K0-7254 | 74B5<br>玉 96.14 | 璗<br>G3-3E7A | 璗<br>HB2-F042 | 璗<br>T2-622F | 璗<br>J13-7841 | 璗<br>K0-6625 |              |
| 74A2<br>玉 96.13 | 璗<br>GE-4253 | 璗<br>T3-516B  | 璗<br>J0-6065 | 璗<br>K2-484E  |              | 74B6<br>玉 96.14 | 璗<br>G5-4234 | 璗<br>HB2-F045 | 璗<br>T2-6232 |               |              |              |
| 74A3<br>玉 96.12 | 璗<br>G1-6761 | 璗<br>HB1-BF59 | 璗<br>T1-7143 | 璗<br>J13-783C | 璗<br>K0-5130 | 74B7<br>玉 96.14 | 璗<br>G3-4026 | 璗<br>HB2-F275 | 璗<br>T2-6621 | 璗<br>K2-4855  |              |              |
| 74A4<br>玉 96.12 | 璗<br>GE-4254 | 璗<br>H-FC71   | 璗<br>T3-6567 | 璗<br>K6-0006  |              | 74B8<br>玉 96.14 | 璗<br>G3-3F71 | 璗<br>HB2-F040 | 璗<br>T2-622D | 璗<br>K6-0007  |              |              |
| 74A5<br>玉 96.13 | 璗<br>G3-3F77 | 璗<br>HB2-ED6D | 璗<br>T2-5D59 | 璗<br>J4-7123  | 璗<br>K0-4C60 | 74B9<br>玉 96.14 | 璗<br>G3-3F47 | 璗<br>H-8CAD   | 璗<br>T3-582F | 璗<br>J14-7126 | 璗<br>K0-625B |              |
| 74A6<br>玉 96.13 | 璗<br>G1-6828 | 璗<br>HB1-C0F5 | 璗<br>T1-7440 | 璗<br>J13-783E | 璗<br>K2-484F | 74BA<br>玉 96.14 | 璗<br>G0-6837 | 璗<br>HB2-F46F | 璗<br>T2-693E | 璗<br>J4-7128  | 璗<br>K2-4856 |              |
| 74A7<br>玉 96.13 | 璗<br>G0-6835 | 璗<br>HB1-C27A | 璗<br>T1-7666 | 璗<br>J0-607A  | 璗<br>K0-5B7D | 74BB<br>玉 96.14 | 璗<br>G5-426B | 璗<br>HB2-F046 | 璗<br>T2-6233 | 璗<br>J14-7127 | 璗<br>K2-4857 |              |
| 74A8<br>玉 96.13 | 璗<br>G0-6832 | 璗<br>HB1-C0F6 | 璗<br>T1-7441 | 璗<br>J13-783F | 璗<br>K0-733F | 74BC<br>玉 96.14 | 璗<br>G5-425B | 璗<br>T3-5830  |              |               |              |              |
| 74A9<br>玉 96.13 | 璗<br>G0-6833 | 璗<br>HB1-C0F3 | 璗<br>T1-743E | 璗<br>J13-7840 | 璗<br>K2-4850 | 74BD<br>玉 96.14 | 璗<br>G1-6774 | 璗<br>HB1-C3A2 | 璗<br>T1-784D | 璗<br>J0-3C25  | 璗<br>K0-5F5E | 璗<br>V1-5F39 |
| 74AA<br>玉 96.13 | 璗<br>G3-4023 | 璗<br>HB2-ED6A | 璗<br>T2-5D56 | 璗<br>J14-7124 | 璗<br>K0-7051 | 74BE<br>玉 96.14 | 璗<br>G3-3F3F | 璗<br>HB2-F044 | 璗<br>T2-6231 |               |              |              |

| HEX             | C            | J             | K            | V             | HEX             | C            | J             | K            | V             |
|-----------------|--------------|---------------|--------------|---------------|-----------------|--------------|---------------|--------------|---------------|
| 7801<br>石 112.3 | 码<br>G0-426B |               |              |               | 7815<br>石 112.4 | 碎<br>GE-442B | 碎<br>T3-2E3D  | 碎<br>J0-3A55 | 碎<br>K2-4C44  |
| 7802<br>石 112.4 | 砂<br>G0-4930 | 砂<br>HB1-ACE2 | 砂<br>T1-5265 | 砂<br>J0-3A3D  | 7816<br>石 112.4 | 砖<br>G0-5729 |               |              |               |
| 7803<br>石 112.4 | 研<br>G3-5757 | 研<br>HB2-CFF2 | 研<br>T2-2C54 | 研<br>K2-4C39  | 7817<br>石 112.4 | 砗<br>G0-6D3A |               |              |               |
| 7804<br>石 112.4 | 缺<br>G3-5759 |               | 缺<br>T3-2E39 |               | 7818<br>石 112.4 | 砵<br>G0-6D3B | 砵<br>H-98F1   | 砵<br>TF-2C5C | 砵<br>K2-4C45  |
| 7805<br>石 112.4 | 硃<br>G5-577D | 硃<br>HB2-CFED | 硃<br>T2-2C4F | 硃<br>J14-723E | 7819<br>石 112.4 | 硃<br>GE-442C | 硃<br>T3-666D  | 硃<br>J4-7242 |               |
| 7806<br>石 112.4 | 硃<br>G5-5775 | 硃<br>HB2-CFEA | 硃<br>T2-2C4C | 硃<br>J14-723F | 781A<br>石 112.4 | 硃<br>G0-5162 |               |              |               |
| 7807<br>石 112.4 | 硃<br>G5-577A | 硃<br>T3-2E3B  | 硃<br>K6-0008 |               | 781B<br>石 112.4 | 砵<br>GE-442D | 砵<br>T3-666E  |              |               |
| 7808<br>石 112.4 | 硃<br>GE-4429 | 硃<br>H-9D4C   | 硃<br>T3-2E3E |               | 781C<br>石 112.4 | 砵<br>G0-6D3F | 砵<br>H-98F3   |              |               |
| 7809<br>石 112.4 | 砵<br>G0-6D39 | 砵<br>HB2-CFF1 | 砵<br>T2-2C53 | 砵<br>J14-7240 | 781D<br>石 112.5 | 砵<br>G0-6D40 | 砵<br>HB1-AF7C | 砵<br>T1-5721 | 砵<br>J1-4F54  |
| 780A<br>石 112.4 | 砵<br>G3-5758 |               | 砵<br>T3-2E37 | 砵<br>K2-4C3D  | 781E<br>石 112.5 | 砵<br>GE-442E | 砵<br>H-94C1   | 砵<br>T3-667C |               |
| 780B<br>石 112.4 | 砵<br>G3-574F |               | 砵<br>T3-2E3A | 砵<br>K2-4C3E  | 781F<br>石 112.5 | 砵<br>G0-6D44 | 砵<br>HB1-AFA4 | 砵<br>T1-5727 | 砵<br>K2-4C47  |
| 780C<br>石 112.4 | 砵<br>G0-4676 | 砵<br>HB1-ACE4 | 砵<br>T1-5267 | 砵<br>J0-6266  | 7820<br>石 112.5 | 砵<br>G3-5760 | 砵<br>HB1-AFA3 | 砵<br>T1-5726 | 砵<br>J0-6269  |
| 780D<br>石 112.4 | 砵<br>G0-3F33 | 砵<br>HB1-ACE5 | 砵<br>T1-5268 | 砵<br>J14-7241 | 7821<br>石 112.5 | 砵<br>G5-577E | 砵<br>HB2-D2E1 | 砵<br>T2-3144 | 砵<br>J14-7243 |
| 780E<br>石 112.4 | 砵<br>G3-5752 | 砵<br>HB2-CFF0 | 砵<br>T2-2C52 | 砵<br>J1-4F52  | 7822<br>石 112.5 | 砵<br>G3-575E | 砵<br>HB2-D2DB | 砵<br>T2-313E | 砵<br>J1-4F56  |
| 780F<br>石 112.4 | 砵<br>G3-5756 | 砵<br>HB2-CFEF | 砵<br>T2-2C51 | 砵<br>K1-6258  | 7823<br>石 112.5 | 砵<br>G0-6D48 | 砵<br>HB2-D2D9 | 砵<br>T2-313C | 砵<br>J1-4F57  |
| 7810<br>石 112.4 | 砵<br>G3-574A | 砵<br>HB2-CFEE | 砵<br>T2-2C50 | 砵<br>K2-4C41  | 7824<br>石 112.5 | 砵<br>G5-5825 | 砵<br>T3-326C  |              |               |
| 7811<br>石 112.4 | 砵<br>G0-6D3C | 砵<br>HB2-CFEB | 砵<br>T2-2C4D | 砵<br>J1-4F53  | 7825<br>石 112.5 | 砵<br>G0-6D46 | 砵<br>HB1-AFA1 | 砵<br>T1-5724 | 砵<br>J0-4556  |
| 7812<br>石 112.4 | 砵<br>G0-4578 | 砵<br>HB2-CFEC | 砵<br>T2-2C4E | 砵<br>J0-6267  | 7826<br>石 112.5 | 砵<br>G0-6D4E | 砵<br>HB2-D6B9 | 砵<br>T2-375C | 砵<br>J0-3A56  |
| 7813<br>石 112.4 | 砵<br>GE-442A | 砵<br>HB2-CFF3 | 砵<br>T2-2C55 | 砵<br>K2-4C42  | 7827<br>石 112.5 | 砵<br>G0-5568 | 砵<br>HB1-AF7A | 砵<br>T1-567D | 砵<br>J0-354E  |
| 7814<br>石 112.4 | 研<br>G0-5150 | 研<br>HB1-ACE3 | 研<br>T1-5266 | 研<br>J0-3826  | 7828<br>石 112.5 | 砵<br>GE-442F | 砵<br>HB2-D2DE | 砵<br>T2-3141 | 砵<br>K2-4C4B  |

## 7A50

## CJK Unified Ideographs

## 7A77

| HEX                         | C | J | K | V | HEX                         | C | J | K | V |
|-----------------------------|---|---|---|---|-----------------------------|---|---|---|---|
| 7A50<br>禾 115.11<br>GE-453C | 穰 | 穰 | 穰 |   | 7A64<br>禾 115.14<br>GE-4541 | 穰 | 穰 | 穰 |   |
| 7A51<br>禾 115.11<br>G0-7023 | 穰 |   |   |   | 7A65<br>禾 115.14<br>G5-5A76 | 穰 | 穰 | 穰 |   |
| 7A52<br>禾 115.11<br>GK-6826 | 穰 |   |   |   | 7A66<br>禾 115.14<br>GE-4542 | 穰 | 穰 | 穰 |   |
| 7A53<br>禾 115.12<br>GE-453D | 穰 | 穰 |   |   | 7A67<br>禾 115.14<br>G3-5B76 | 穰 | 穰 | 穰 |   |
| 7A54<br>禾 115.12<br>G5-5B46 | 穰 | 穰 | 穰 | 穰 | 7A68<br>禾 115.14<br>GE-4543 | 穰 | 穰 | 穰 | 穰 |
| 7A55<br>禾 115.12<br>GE-453E | 穰 | 穰 | 穰 | 穰 | 7A69<br>禾 115.14<br>G1-4E48 | 穰 | 穰 | 穰 | 穰 |
| 7A56<br>禾 115.12<br>G5-5A75 | 穰 | 穰 | 穰 | 穰 | 7A6A<br>禾 115.14<br>GE-4544 | 穰 | 穰 | 穰 | 穰 |
| 7A57<br>禾 115.12<br>G0-4B6B | 穰 | 穰 | 穰 | 穰 | 7A6B<br>禾 115.14<br>G1-783E | 穰 | 穰 | 穰 | 穰 |
| 7A58<br>禾 115.12<br>G3-5B6E | 穰 | 穰 | 穰 | 穰 | 7A6C<br>禾 115.15<br>G3-5B52 | 穰 | 穰 | 穰 | 穰 |
| 7A59<br>禾 115.12<br>G3-5C46 | 穰 | 穰 | 穰 | 穰 | 7A6D<br>禾 115.15<br>G5-5B4B | 穰 | 穰 | 穰 | 穰 |
| 7A5A<br>禾 115.12<br>G5-5B29 | 穰 | 穰 | 穰 | 穰 | 7A6E<br>禾 115.15<br>G3-5C4D | 穰 | 穰 | 穰 | 穰 |
| 7A5B<br>禾 115.12<br>G3-5C48 | 穰 | 穰 | 穰 | 穰 | 7A6F<br>禾 115.15<br>GE-4545 | 穰 | 穰 | 穰 | 穰 |
| 7A5C<br>禾 115.12<br>G3-5C49 | 穰 | 穰 | 穰 | 穰 | 7A70<br>禾 115.17<br>G0-7026 | 穰 | 穰 | 穰 | 穰 |
| 7A5D<br>禾 115.12<br>GE-453F | 穰 | 穰 | 穰 | 穰 | 7A71<br>禾 115.18<br>G3-5C51 | 穰 | 穰 | 穰 | 穰 |
| 7A5E<br>禾 115.12<br>G8-2E69 | 穰 | 穰 | 穰 | 穰 | 7A72<br>禾 115.19<br>GE-4546 | 穰 | 穰 | 穰 | 穰 |
| 7A5F<br>禾 115.13<br>G3-5C4B | 穰 | 穰 | 穰 | 穰 | 7A73<br>禾 115.17<br>G3-5C4F | 穰 | 穰 | 穰 | 穰 |
| 7A60<br>禾 115.13<br>G3-5B79 | 穰 | 穰 | 穰 | 穰 | 7A74<br>穴 116.0<br>G0-5128  | 穴 | 穴 | 穴 | 穴 |
| 7A61<br>禾 115.13<br>G1-7023 | 穰 | 穰 | 穰 | 穰 | 7A75<br>穴 116.1<br>G5-5E30  | 穴 | 穴 | 穴 | 穴 |
| 7A62<br>禾 115.13<br>G1-3B60 | 穰 | 穰 | 穰 | 穰 | 7A76<br>穴 116.2<br>G0-3E3F  | 究 | 究 | 究 | 究 |
| 7A63<br>禾 115.13<br>GE-4540 | 穰 | 穰 | 穰 | 穰 | 7A77<br>穴 116.2<br>G0-476E  | 究 | 究 | 究 | 究 |

| HEX             | C            | J             | K            | V             | HEX          | C            | J                | K              | V             |              |               |              |              |
|-----------------|--------------|---------------|--------------|---------------|--------------|--------------|------------------|----------------|---------------|--------------|---------------|--------------|--------------|
| 7BB4<br>竹 118.9 | 箴<br>G0-7370 | 箴<br>HB1-BD65 | 箴<br>T1-6E30 | 箴<br>J0-643E  | 箴<br>K0-6D57 | 箴<br>V0-4025 | 7BC7<br>竹 118.9  | 篇<br>G0-462A   | 篇<br>HB1-BD67 | 篇<br>T1-6E32 | 篇<br>J0-4A53  | 篇<br>K0-7839 | 篇<br>V2-8E55 |
| 7BB5<br>竹 118.9 | 簪<br>G3-6449 | 簪<br>HB2-E6DE | 簪<br>T2-5266 | 簪<br>J14-7359 | 簪<br>K2-5042 |              | 7BC8<br>竹 118.9  | 筠<br>G3-6443   |               | 筠<br>T4-4B76 | 筠<br>J1-524A  | 筠<br>K2-5047 |              |
| 7BB6<br>竹 118.9 | 筩<br>G3-6445 |               | 筩<br>T4-4B7A | 筩<br>J1-5243  | 筩<br>K2-5043 |              | 7BC9<br>竹 118.10 | 築<br>G1-567E   | 築<br>HB1-BF76 | 築<br>T1-7160 | 築<br>J0-435B  | 築<br>K0-7569 | 築<br>V1-6227 |
|                 | 筩<br>MD-7BB6 |               |              |               |              |              |                  | 築<br>UTC-01161 |               |              |               |              |              |
| 7BB7<br>竹 118.9 | 箴<br>G5-6363 | 箴<br>HB2-E6D6 | 箴<br>T2-525E |               | 箴<br>K2-5044 |              | 7BCA<br>竹 118.9  | 筵<br>G3-645A   | 筵<br>HB2-E6DD | 筵<br>T2-5265 | 筵<br>J14-735C | 筵<br>K1-7429 |              |
| 7BB8<br>竹 118.9 | 箸<br>G0-7367 | 箸<br>HB1-BAE6 | 箸<br>T1-6A2F | 箸<br>J0-4824  | 箸<br>K0-6E46 | 箸<br>V1-6224 | 7BCB<br>竹 118.9  | 筵<br>G1-7386   | 筵<br>HB2-E6D7 | 筵<br>T2-525F | 筵<br>J0-643A  | 筵<br>K1-735F |              |
| 7BB9<br>竹 118.9 | 筴<br>G3-6378 | 筴<br>HB2-E6DC | 筴<br>T2-5264 |               |              |              | 7BCC<br>竹 118.9  | 筴<br>G0-7373   | 筴<br>HB1-BD6A | 筴<br>T1-6E35 | 筴<br>J0-643C  | 筴<br>K1-7466 |              |
| 7BBA<br>竹 118.9 | 筴<br>GE-462D |               | 筴<br>T4-4B73 | 筴<br>J1-5244  |              |              | 7BCD<br>竹 118.9  | 筴<br>G3-6450   |               | 筴<br>T3-4D63 |               |              |              |
| 7BBB<br>竹 118.9 | 筴<br>GE-462E |               | 筴<br>T4-4C31 | 筴<br>J1-5245  | 筴<br>V2-8E53 |              | 7BCE<br>竹 118.9  | 筴<br>G3-644C   | 筴<br>HB2-E6DA | 筴<br>T2-5262 |               | 筴<br>K2-5048 |              |
| 7BBC<br>竹 118.9 | 筴<br>GE-462F |               | 筴<br>T4-4B74 | 筴<br>J14-735A |              |              | 7BCF<br>竹 118.9  | 筴<br>G5-635A   | 筴<br>H-9F5D   |              | 筴<br>J0-643D  |              |              |
| 7BBD<br>竹 118.9 | 筴<br>G3-6451 |               | 筴<br>T4-4C2A | 筴<br>J1-5247  | 筴<br>K2-5045 |              | 7BD0<br>竹 118.9  | 筴<br>GE-4631   | 筴<br>H-8E66   | 筴<br>T3-6621 |               |              |              |
| 7BBE<br>竹 118.9 | 筴<br>G3-644A | 筴<br>HB2-E6D8 | 筴<br>T2-5260 | 筴<br>K1-646F  |              |              | 7BD1<br>竹 118.9  | 筴<br>G0-7371   |               |              |               |              |              |
| 7BBF<br>竹 118.9 | 筴<br>G3-644D |               | 筴<br>T3-4D60 |               |              |              | 7BD2<br>竹 118.9  | 筴<br>GE-4632   |               |              |               | 筴<br>K0-6359 |              |
| 7BC0<br>竹 118.7 | 節<br>G1-3D5A | 節<br>HB1-BB60 | 節<br>T1-6567 | 節<br>J0-4061  | 節<br>K0-6F3D | 節<br>V1-6225 | 7BD3<br>竹 118.9  | 筴<br>G0-4228   |               |              |               |              |              |
| 7BC1<br>竹 118.9 | 筴<br>G0-7372 | 筴<br>HB1-BD68 | 筴<br>T1-6E33 | 筴<br>J0-643B  | 筴<br>K0-7C56 |              | 7BD4<br>竹 118.10 | 筴<br>G3-6424   | 筴<br>HB2-EAC0 | 筴<br>T2-592C | 筴<br>J14-735F | 筴<br>K1-6945 |              |
| 7BC2<br>竹 118.9 | 筴<br>GE-4630 |               | 筴<br>T4-4C21 | 筴<br>J1-5248  |              |              | 7BD5<br>竹 118.10 | 筴<br>G5-636B   | 筴<br>HB2-EABB | 筴<br>T2-5927 |               | 筴<br>K2-5049 |              |
| 7BC3<br>竹 118.9 | 筴<br>G3-645D |               | 筴<br>T4-4B78 |               |              |              | 7BD6<br>竹 118.10 | 筴<br>G3-646D   |               | 筴<br>T4-522D | 筴<br>J14-7360 |              |              |
| 7BC4<br>竹 118.9 | 範<br>G1-3736 | 範<br>HB1-BD64 | 範<br>T1-6E2F | 範<br>J0-484F  | 範<br>K0-5B74 | 範<br>V2-8E54 | 7BD7<br>竹 118.10 | 筴<br>G3-646A   |               | 筴<br>T5-5669 | 筴<br>J13-7965 | 筴<br>K2-504A |              |
| 7BC5<br>竹 118.9 | 簾<br>G3-644F | 簾<br>H-87B9   | 簾<br>T4-4C26 | 簾<br>J14-735B | 簾<br>K2-5046 |              | 7BD8<br>竹 118.10 | 筴<br>G3-635D   | 筴<br>HB2-EAC5 | 筴<br>T2-5931 |               | 筴<br>K6-103F | 筴<br>V1-6228 |
| 7BC6<br>竹 118.9 | 篆<br>G0-572D | 篆<br>HB1-BD66 | 篆<br>T1-6E31 | 篆<br>J0-643F  | 篆<br>K0-6F2A | 篆<br>V1-6226 | 7BD9<br>竹 118.10 | 筴<br>G0-385D   | 筴<br>HB1-BF74 | 筴<br>T1-715E | 筴<br>J13-7966 | 筴<br>K1-5879 | 筴<br>V1-6229 |



## 831A

## CJK Unified Ideographs

## 8340

| HEX             | C         | J          | K         | V          | HEX             | C         | J          | K          | V          |
|-----------------|-----------|------------|-----------|------------|-----------------|-----------|------------|------------|------------|
| 831A<br>艸 140.6 | 茆 G0-5C61 | 茆 H-8F42   | 茆 T4-2F5D |            | 832E<br>艸 140.6 | 茆 G3-686A | 茆 T4-2F5A  | 茆 J1-576C  |            |
| 831B<br>艸 140.6 | 茆 G0-5D22 | 茆 HB2-D3A3 | 茆 T2-3245 | 茆 J14-762C | 832F<br>艸 140.6 | 茆 G0-5C72 | 茆 HB2-D3AC | 茆 T2-324E  | 茆 J0-682A  |
| 831C<br>艸 140.6 | 茆 G0-5C67 | 茆 HB2-D37D | 茆 T2-3241 | 茆 J0-302B  | 8330<br>艸 140.6 | 茆 GE-4947 | 茆 T4-2F63  | 茆 J14-762E | 茆 K2-574D  |
| 831D<br>艸 140.7 | 茆 G3-687D | 茆 H-8F51   | 茆 T3-384D | 茆 J14-762D | 8331<br>艸 140.6 | 茆 G0-5C6F | 茆 HB1-AFFC | 茆 T1-5822  | 茆 J0-6825  |
| 831E<br>艸 140.6 | 茆 G5-676E | 茆 HB2-D3B2 | 茆 T2-3254 | 茆 J1-5766  | 8332<br>艸 140.6 | 茆 GE-4948 | 茆 HB1-AFF7 | 茆 T1-577B  | 茆 J0-6824  |
| 831F<br>艸 140.6 | 茆 G5-6823 |            | 茆 T3-3359 | 茆 J1-5767  | 8333<br>艸 140.6 | 茆 G0-5C7C | 茆 HB2-D373 | 茆 T2-3237  | 茆 J1-576E  |
| 8320<br>艸 140.6 | 茆 G3-686F | 茆 HB2-D3AA | 茆 T2-324C | 茆 K2-5745  | 8334<br>艸 140.6 | 茆 G0-5C8E | 茆 HB1-AFF5 | 茆 T1-5779  | 茆 J0-6822  |
| 8321<br>艸 140.6 | 茆 G3-6877 |            | 茆 T3-335F | 茆 J1-5768  | 8335<br>艸 140.6 | 茆 G0-5270 | 茆 HB1-AFF4 | 茆 T1-5778  | 茆 J0-6821  |
| 8322<br>艸 140.6 | 茆 G3-6865 | 茆 HB2-D37E | 茆 T2-3242 | 茆 J13-7A6E | 8336<br>艸 140.6 | 茆 G0-3268 | 茆 HB1-AFF9 | 茆 T1-577D  | 茆 J0-4363  |
| 8323<br>艸 140.7 | 茆 GE-4946 |            | 茆 T3-385B | 茆 J0-6834  | 8337<br>艸 140.6 | 茆 G5-6779 | 茆 HB2-D3AB | 茆 T2-324D  | 茆 J1-576F  |
| 8324<br>艸 140.6 | 茆 G3-6874 | 茆 HB2-D3A9 | 茆 T2-324B | 茆 K2-5747  | 8338<br>艸 140.6 | 茆 G0-4857 | 茆 HB1-AFF1 | 茆 T1-5775  | 茆 J0-427B  |
| 8325<br>艸 140.6 | 茆 G5-676C | 茆 HB2-D378 | 茆 T2-323C | 茆 K2-5748  | 8339<br>艸 140.6 | 茆 G0-4863 | 茆 HB1-AFF8 | 茆 T1-577C  | 茆 J0-6827  |
| 8326<br>艸 140.6 | 茆 G3-6862 | 茆 HB2-D37C | 茆 T2-3240 | 茆 K2-5749  | 833A<br>艸 140.6 | 茆 G0-5C7B | 茆 HB2-D072 | 茆 T2-2D35  | 茆 J13-7A70 |
| 8327<br>艸 140.6 | 茆 G0-3C6B | 茆 HB2-D3B5 | 茆 T2-3257 |            | 833B<br>艸 140.6 | 茆 GE-4949 | 茆 HB2-DB5C | 茆 T2-3F41  |            |
| 8328<br>艸 140.6 | 茆 G0-3444 | 茆 HB1-AFFD | 茆 T1-5823 | 茆 J0-3071  | 833C<br>艸 140.6 | 茆 G0-5C6D | 茆 HB2-D3A6 | 茆 T2-3248  | 茆 J14-762F |
| 8329<br>艸 140.6 | 茆 G5-677C | 茆 HB2-D3AD | 茆 T2-324F | 茆 K2-574A  | 833D<br>艸 140.6 | 茆 GE-494A | 茆 H-9846   | 茆 T4-2F5F  | 茆 J1-5772  |
| 832A<br>艸 140.6 | 茆 G5-6775 | 茆 HB2-D3A4 | 茆 T2-3246 | 茆 K1-597B  | 833E<br>艸 140.4 | 茆 GE-494B | 茆 T3-2A5F  | 茆 KC-07631 |            |
| 832B<br>艸 140.6 | 茆 G0-4323 | 茆 HB1-AFED | 茆 T1-5771 | 茆 J0-682B  | 833F<br>艸 140.6 | 茆 G5-676D | 茆 HB2-D37A | 茆 T2-323E  | 茆 K2-5750  |
| 832C<br>艸 140.6 | 茆 G0-3267 | 茆 HB2-D3B3 | 茆 T2-3255 | 茆 J1-576A  | 8340<br>艸 140.6 | 茆 G0-5C77 | 茆 HB1-AFFB | 茆 T1-5821  | 茆 J0-6826  |
| 832D<br>艸 140.6 | 茆 G0-5C7A | 茆 HB2-D374 | 茆 T2-3238 | 茆 J13-7A6F |                 |           |            |            | 茆 K0-6270  |

| HEX              | C            | J             | K             | V            | HEX          | C                | J            | K             | V             |               |              |              |
|------------------|--------------|---------------|---------------|--------------|--------------|------------------|--------------|---------------|---------------|---------------|--------------|--------------|
| 93A7<br>金 167.10 | 鎧<br>G1-6E78 | 鎧<br>HB2-F15A | 鎧<br>T2-6426  | 鎧<br>J0-333B | 鎧<br>K0-4B51 | 93BB<br>金 167.10 | 鎖<br>GE-5172 | 鎖<br>H-9748   | 鎖<br>T3-5945  | 鎖<br>K2-6A29  |              |              |
| 93A8<br>金 167.10 | 鐏<br>G5-7578 | 鐏<br>HB2-F168 | 鐏<br>T2-6435  | 鐏<br>J1-6535 | 鐏<br>K2-6A21 | 93BC<br>金 167.10 | 鐏<br>GE-5173 | 鐏<br>T3-6661  |               |               |              |              |
| 93A9<br>金 167.11 | 鍛<br>G1-6F21 | 鍛<br>HB2-F36A | 鍛<br>T2-6756  | 鍛<br>J1-653B | 鍛<br>K2-6A22 | 93BD<br>金 167.10 | 鐏<br>GE-5174 | 鐏<br>H-934A   | 鐏<br>T3-6662  |               |              |              |
| 93AA<br>金 167.10 | 鍏<br>G1-6F4B | 鍏<br>HB2-F15C | 鍏<br>T2-6428  |              | 鍏<br>K2-6A23 | 93BE<br>金 167.10 | 鎰<br>GE-5175 | 鎰<br>T3-6660  |               |               |              |              |
| 93AB<br>金 167.10 | 鍏<br>GE-5169 | 鍏<br>T4-5E31  | 鍏<br>J1-6536  | 鍏<br>V2-9074 |              | 93BF<br>金 167.10 | 鐏<br>G1-6F55 | 鐏<br>H-9CE2   | 鐏<br>TF-6143  |               |              |              |
| 93AC<br>金 167.10 | 鎬<br>G1-3864 | 鎬<br>HB1-C2EE | 鎬<br>T1-7759  | 鎬<br>J0-6F2E | 鎬<br>K0-7B60 | 93C0<br>金 167.11 | 鎬<br>G5-7557 | 鎬<br>HB2-F373 | 鎬<br>T2-675F  | 鎬<br>K2-6A2A  |              |              |
| 93AD<br>金 167.10 | 鎭<br>GE-516A | 鎭<br>H-9A47   | 鎭<br>T3-5944  | 鎭<br>J0-6F2F | 鎭<br>K0-7265 | 93C1<br>金 167.11 | 鎭<br>G5-7626 | 鎭<br>T3-5B50  | 鎭<br>J14-7B40 | 鎭<br>K2-6A2B  |              |              |
| 93AE<br>金 167.10 | 鎭<br>G1-5572 | 鎭<br>HB1-C2ED | 鎭<br>T1-7758  | 鎭<br>J0-4443 | 鎭<br>V1-6A5D | 93C2<br>金 167.11 | 鎭<br>G3-7561 | 鎭<br>HB2-F363 | 鎭<br>T2-674F  | 鎭<br>K2-6A2C  |              |              |
| 93AF<br>金 167.10 | 鄒<br>G5-7564 | 鄒<br>HB2-EECF | 鄒<br>T2-5F7B  | 鄒<br>K2-6A24 |              | 93C3<br>金 167.11 | 鏃<br>G1-6F5F | 鏃<br>HB1-C3EB | 鏃<br>T1-7938  | 鏃<br>J0-6F37  | 鏃<br>K0-706C |              |
| 93B0<br>金 167.10 | 鎰<br>G1-6F57 | 鎰<br>HB1-C2EF | 鎰<br>T1-775A  | 鎰<br>J0-6F2D | 鎰<br>K0-6C70 | 93C4<br>金 167.11 | 鏃<br>G5-753B | 鏃<br>HB2-F371 | 鏃<br>T2-675D  | 鏃<br>J1-653D  | 鏃<br>K2-6A2D |              |
| 93B1<br>金 167.10 | 鏃<br>GE-516B | 鏃<br>HB2-F164 | 鏃<br>T2-6431  |              |              | 93C5<br>金 167.11 | 鏃<br>G3-766F | 鏃<br>T3-5B44  | 鏃<br>J1-653E  | 鏃<br>K2-6A2E  |              |              |
| 93B2<br>金 167.10 | 銳<br>GE-516C | 銳<br>HB2-F166 | 銳<br>T2-6433  |              |              | 93C6<br>金 167.11 | 鎧<br>G3-7657 | 鎧<br>H-9264   | 鎧<br>T3-5B45  | 鎧<br>J13-7D43 | 鎧<br>K2-6A2F |              |
| 93B3<br>金 167.10 | 鎳<br>G1-4478 | 鎳<br>HB1-C2EC | 鎳<br>T1-7757  | 鎳<br>K2-6A25 |              | 93C7<br>金 167.11 | 鏃<br>G1-6F60 | 鏃<br>HB2-F361 | 鏃<br>T2-674D  | 鏃<br>J14-7B41 | 鏃<br>K1-6444 |              |
| 93B4<br>金 167.10 | 鎳<br>GE-516D | 鎳<br>HB2-F169 | 鎳<br>T2-6436  | 鎳<br>J1-6537 | 鎳<br>K2-6A26 | 93C8<br>金 167.11 | 鎳<br>G1-4134 | 鎳<br>HB1-C3EC | 鎳<br>T1-7939  | 鎳<br>J0-6F3A  | 鎳<br>K1-5E50 |              |
| 93B5<br>金 167.10 | 鎳<br>G1-6F58 | 鎳<br>HB2-F153 | 鎳<br>T2-637D  | 鎳<br>J1-6538 | 鎳<br>K2-6A27 | 93C9<br>金 167.11 | 鏃<br>G5-757E | 鏃<br>T4-6167  | 鏃<br>J1-6541  | 鏃<br>K2-6A30  |              |              |
| 93B6<br>金 167.10 | 鎳<br>GE-516E | 鎳<br>T4-5E29  | 鎳<br>J1-6539  | 鎳<br>V0-4646 |              | 93CA<br>金 167.11 | 鏃<br>G0-764B | 鏃<br>HB2-F36C | 鏃<br>T2-6758  | 鏃<br>J1-6542  | 鏃<br>K1-6837 |              |
| 93B7<br>金 167.10 | 鎳<br>GE-516F | 鎳<br>HB2-F156 | 鎳<br>T2-6422  | 鎳<br>V2-8578 |              | 93CB<br>金 167.11 | 鏃<br>GE-5176 | 鏃<br>H-91DF   | 鏃<br>T3-5B43  | 鏃<br>J1-6543  | 鏃<br>K1-6024 |              |
| 93B8<br>金 167.10 | 鎳<br>G1-6F54 | 鎳<br>H-9749   | 鎳<br>T3-5946  |              |              | 93CC<br>金 167.11 | 鎳<br>G1-6F52 | 鎳<br>HB2-F368 | 鎳<br>T2-6754  | 鎳<br>J1-6544  | 鎳<br>K1-5F7B | 鎳<br>V1-6A5F |
| 93B9<br>金 167.10 | 鎳<br>GE-5170 | 鎳<br>TF-6133  | 鎳<br>J0-6F31  | 鎳<br>K2-6A28 |              | 93CD<br>金 167.11 | 鏃<br>G1-6F5D | 鏃<br>HB1-C3F1 | 鏃<br>T1-793E  | 鏃<br>J1-6545  | 鏃<br>K2-6A31 |              |
| 93BA<br>金 167.10 | 鎳<br>GE-5171 |               | 鎳<br>J13-7D42 |              |              |                  |              |               |               |               |              |              |



| HEX              | C               | J | K | V            | HEX              | C              | J               | K | V |
|------------------|-----------------|---|---|--------------|------------------|----------------|-----------------|---|---|
| 9FD8<br>人 9.10   | 𠂔<br>UTC-01196  |   |   |              | 9FEC<br>石 112.5  | 砒<br>GCE-117   | 砒<br>T4-6E5D    |   |   |
| 9FD9<br>人 9.11   | 𠂕<br>UTC-01183  |   |   |              | 9FED<br>𠂔 167.5  | 𠂔<br>GCE-113   |                 |   |   |
| 9FDA<br>人 9.14   | 伊格<br>UTC-01181 |   |   |              |                  | 𠂔<br>UTC-01119 |                 |   |   |
| 9FDB<br>彳 15.22  | 凌爾<br>UTC-01191 |   |   |              | 9FEE<br>广 53.10  |                | 席<br>JMJ-057449 |   |   |
| 9FDC<br>手 64.19  | 拉爾<br>UTC-01184 |   |   |              | 9FEF<br>米 119.10 |                | 黎<br>JMJ-060040 |   |   |
| 9FDD<br>木 75.23  | 楞爾<br>UTC-01187 |   |   |              | 9FF0<br>水 85.12  | 漈<br>GKJ-00201 |                 |   |   |
| 9FDE<br>歹 78.16  | 列爾<br>UTC-01186 |   |   |              | 9FF1<br>玉 96.4   | 玳<br>GKJ-00202 | 玳<br>TC-3465    |   |   |
| 9FDF<br>禾 115.7  | 称<br>UTC-01190  |   |   |              | 9FF2<br>豆 151.7  | 𧀇<br>GKJ-00200 |                 |   |   |
| 9FE0<br>禾 115.16 | 利爾<br>UTC-01189 |   |   |              | 9FF3<br>魚 195.11 | 𩺰<br>GKJ-00207 | 𩺰<br>TB-7241    |   |   |
| 9FE1<br>网 122.28 | 羅爾<br>UTC-01192 |   |   |              | 9FF4<br>魚 195.5  | 𩺱<br>GKJ-00203 |                 |   |   |
| 9FE2<br>耳 128.8  | 耶合<br>UTC-01195 |   |   |              | 9FF5<br>魚 195.7  | 𩺲<br>GKJ-00208 |                 |   |   |
| 9FE3<br>耳 128.9  | 耶克<br>UTC-01182 |   |   |              | 9FF6<br>魚 195.7  | 𩺳<br>GKJ-00209 |                 |   |   |
| 9FE4<br>耳 128.12 | 耶格<br>UTC-01180 |   |   |              | 9FF7<br>魚 195.9  | 𩺴<br>GKJ-00205 |                 |   |   |
| 9FE5<br>艮 138.17 | 郎爾<br>UTC-01185 |   |   |              | 9FF8<br>魚 195.11 | 𩺵<br>GKJ-00206 |                 |   |   |
| 9FE6<br>艸 140.18 | 英微<br>UTC-01179 |   |   |              | 9FF9<br>魚 195.11 | 𩺶<br>GKJ-00204 |                 |   |   |
| 9FE7<br>阜 170.23 | 隆爾<br>UTC-01193 |   |   |              | 9FFA<br>鳥 196.7  | 鸕<br>GKJ-00210 |                 |   |   |
| 9FE8<br>雨 173.19 | 雷爾<br>UTC-01188 |   |   |              | 9FFB<br>鼠 208.5  | 𩺷<br>GKJ-00211 |                 |   |   |
| 9FE9<br>魚 195.18 | 魯爾<br>UTC-01194 |   |   |              | 9FFC<br>鼠 208.5  | 𩺸<br>GKJ-00212 |                 |   |   |
| 9FEA<br>火 86.13  |                 |   |   | 𩺹<br>K3-2A46 | 9FFD<br>口 30.10  | 𩺹<br>MC-00134  |                 |   |   |
| 9FEB<br>气 84.13  | 𩺹<br>GCE-118    |   |   |              |                  |                |                 |   |   |
|                  | 𩺹<br>T5-7C54    |   |   |              |                  |                |                 |   |   |

| HEX            | C         | J         | K | V |
|----------------|-----------|-----------|---|---|
| 9FFE<br>土 32.9 | 邙         |           |   |   |
|                | GDM-00031 |           |   |   |
|                | 邙邙        |           |   |   |
|                | MC-00139  | UTC-03009 |   |   |
| 9FFF<br>水 85.9 | 褰         |           |   |   |
|                | GDM-00085 |           |   |   |
|                | 褰褰        |           |   |   |
|                | MC-00137  | UTC-02993 |   |   |

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|   | A64       | A65        | A66       | A67       | A68        | A69       |
|---|-----------|------------|-----------|-----------|------------|-----------|
| 0 | Љ<br>A640 | Ы<br>A650  | П<br>A660 | ⦿<br>A670 | Д<br>A680  | Т<br>A690 |
| 1 | Ќ<br>A641 | ы<br>A651  | п<br>A661 | ⦿<br>A671 | д<br>A681  | т<br>A691 |
| 2 | Љ<br>A642 | Љ<br>A652  | Д<br>A662 | ⦿<br>A672 | Љ<br>A682  | Ч<br>A692 |
| 3 | Ќ<br>A643 | Љ<br>A653  | д<br>A663 | ☆<br>A673 | Љ<br>A683  | ч<br>A693 |
| 4 | Ќ<br>A644 | ОИ<br>A654 | Л<br>A664 | ё<br>A674 | ЗК<br>A684 | Һ<br>A694 |
| 5 | Ќ<br>A645 | ОИ<br>A655 | л<br>A665 | и<br>A675 | ЗК<br>A685 | һ<br>A695 |
| 6 | Ќ<br>A646 | Љ<br>A656  | М<br>A666 | ï<br>A676 | Ч<br>A686  | Ш<br>A696 |
| 7 | Ќ<br>A647 | я<br>A657  | м<br>A667 | у<br>A677 | ч<br>A687  | ш<br>A697 |
| 8 | Ќ<br>A648 | А<br>A658  | О<br>A668 | ь<br>A678 | Д<br>A688  | ∞<br>A698 |
| 9 | Ќ<br>A649 | А<br>A659  | о<br>A669 | Ы<br>A679 | Д<br>A689  | ∞<br>A699 |
| A | Ќ<br>A64A | Ќ<br>A65A  | ⦿<br>A66A | ь<br>A67A | Т<br>A68A  | ⊕<br>A69A |
| B | Ќ<br>A64B | Ќ<br>A65B  | ⦿<br>A66B | ь<br>A67B | Т<br>A68B  | ⊕<br>A69B |
| C | Ќ<br>A64C | Љ<br>A65C  | ∞<br>A66C | ь<br>A67C | Т<br>A68C  | Ъ<br>A69C |
| D | Ќ<br>A64D | Љ<br>A65D  | ∞<br>A66D | ь<br>A67D | Т<br>A68D  | Ъ<br>A69D |
| E | Ќ<br>A64E | Ќ<br>A65E  | ⦿<br>A66E | ь<br>A67E | Т<br>A68E  | Ф<br>A69E |
| F | Ќ<br>A64F | Ќ<br>A65F  | ⦿<br>A66F | ь<br>A67F | Т<br>A68F  | Ф<br>A69F |

**Letters for Old Cyrillic**

|      |   |                                                                                                                           |
|------|---|---------------------------------------------------------------------------------------------------------------------------|
| A640 | Ѹ | CYRILLIC CAPITAL LETTER ZEMLYA                                                                                            |
| A641 | ѹ | CYRILLIC SMALL LETTER ZEMLYA<br>→ 0437 з cyrillic small letter ze                                                         |
| A642 | Ѻ | CYRILLIC CAPITAL LETTER DZELO                                                                                             |
| A643 | ѻ | CYRILLIC SMALL LETTER DZELO<br>→ 0455 с cyrillic small letter dze                                                         |
| A644 | Ѽ | CYRILLIC CAPITAL LETTER REVERSED DZE<br>→ 10193 2 roman sextula sign                                                      |
| A645 | ѽ | CYRILLIC SMALL LETTER REVERSED DZE                                                                                        |
| A646 | Ѿ | CYRILLIC CAPITAL LETTER IOTA                                                                                              |
| A647 | ѿ | CYRILLIC SMALL LETTER IOTA<br>→ 2C3A ѿ glagolitic small letter initial izhe                                               |
| A648 | Ѡ | CYRILLIC CAPITAL LETTER DJERV                                                                                             |
| A649 | ѡ | CYRILLIC SMALL LETTER DJERV<br>→ 0452 ѡ cyrillic small letter dje<br>→ 045B ѡ cyrillic small letter tshe                  |
| A64A | Ѣ | CYRILLIC CAPITAL LETTER MONOGRAPH UK                                                                                      |
| A64B | ѣ | CYRILLIC SMALL LETTER MONOGRAPH UK<br>→ 0443 у cyrillic small letter u                                                    |
| A64C | Ѥ | CYRILLIC CAPITAL LETTER BROAD OMEGA                                                                                       |
| A64D | ѥ | CYRILLIC SMALL LETTER BROAD OMEGA<br>→ 0461 ѥ cyrillic small letter omega                                                 |
| A64E | Ѧ | CYRILLIC CAPITAL LETTER NEUTRAL YER                                                                                       |
| A64F | ѧ | CYRILLIC SMALL LETTER NEUTRAL YER<br>→ 044A Ѧ cyrillic small letter hard sign<br>→ 044C ѧ cyrillic small letter soft sign |
| A650 | Ѩ | CYRILLIC CAPITAL LETTER YERU WITH BACK YER                                                                                |
| A651 | ѩ | CYRILLIC SMALL LETTER YERU WITH BACK YER<br>→ 044B ѩ cyrillic small letter yeru                                           |
| A652 | Ѫ | CYRILLIC CAPITAL LETTER IOTIFIED YAT                                                                                      |
| A653 | ѫ | CYRILLIC SMALL LETTER IOTIFIED YAT<br>→ 0463 ѫ cyrillic small letter yat                                                  |
| A654 | Ѭ | CYRILLIC CAPITAL LETTER REVERSED YU                                                                                       |
| A655 | ѭ | CYRILLIC SMALL LETTER REVERSED YU<br>→ 044E ѭ cyrillic small letter yu                                                    |
| A656 | Ѯ | CYRILLIC CAPITAL LETTER IOTIFIED A                                                                                        |
| A657 | ѯ | CYRILLIC SMALL LETTER IOTIFIED A                                                                                          |
| A658 | Ѱ | CYRILLIC CAPITAL LETTER CLOSED LITTLE YUS                                                                                 |
| A659 | ѱ | CYRILLIC SMALL LETTER CLOSED LITTLE YUS<br>→ 0467 ѱ cyrillic small letter little yus                                      |
| A65A | Ѳ | CYRILLIC CAPITAL LETTER BLENDED YUS                                                                                       |
| A65B | ѳ | CYRILLIC SMALL LETTER BLENDED YUS<br>→ 0467 ѳ cyrillic small letter little yus<br>→ 046B ѳ cyrillic small letter big yus  |
| A65C | Ѵ | CYRILLIC CAPITAL LETTER IOTIFIED CLOSED LITTLE YUS                                                                        |
| A65D | ѵ | CYRILLIC SMALL LETTER IOTIFIED CLOSED LITTLE YUS<br>→ 0469 ѵ cyrillic small letter iotified little yus                    |
| A65E | Ѷ | CYRILLIC CAPITAL LETTER YN                                                                                                |
| A65F | ѷ | CYRILLIC SMALL LETTER YN<br>• Romanian Cyrillic                                                                           |
| A660 | Ѹ | CYRILLIC CAPITAL LETTER REVERSED TSE                                                                                      |
| A661 | ѹ | CYRILLIC SMALL LETTER REVERSED TSE                                                                                        |
| A662 | Ѻ | CYRILLIC CAPITAL LETTER SOFT DE                                                                                           |
| A663 | ѻ | CYRILLIC SMALL LETTER SOFT DE                                                                                             |
| A664 | Ѽ | CYRILLIC CAPITAL LETTER SOFT EL                                                                                           |
| A665 | ѽ | CYRILLIC SMALL LETTER SOFT EL                                                                                             |
| A666 | Ѿ | CYRILLIC CAPITAL LETTER SOFT EM                                                                                           |
| A667 | ѿ | CYRILLIC SMALL LETTER SOFT EM                                                                                             |

|      |   |                                                                                                     |
|------|---|-----------------------------------------------------------------------------------------------------|
| A668 | Ѡ | CYRILLIC CAPITAL LETTER MONOCULAR O                                                                 |
| A669 | ѡ | CYRILLIC SMALL LETTER MONOCULAR O<br>• used in words based on the root for 'eye'                    |
| A66A | Ѣ | CYRILLIC CAPITAL LETTER BINOCULAR O                                                                 |
| A66B | ѣ | CYRILLIC SMALL LETTER BINOCULAR O<br>• used in the dual of words based on the root for 'eye'        |
| A66C | Ѥ | CYRILLIC CAPITAL LETTER DOUBLE MONOCULAR O                                                          |
| A66D | ѥ | CYRILLIC SMALL LETTER DOUBLE MONOCULAR O<br>• used in the dual of words based on the root for 'eye' |
| A66E | Ѧ | CYRILLIC LETTER MULTIOCULAR O<br>• used in the epithet 'many-eyed'                                  |

**Abbreviation mark**

|      |   |                                                                                                                                                                               |
|------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A66F | Ѧ | COMBINING CYRILLIC VZMET<br>• used with Cyrillic and Glagolitic letters to indicate abbreviation<br>→ 0483 Ѧ combining cyrillic titlo<br>→ 0487 Ѧ combining cyrillic pokrytie |
|------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Combining numeric signs**

|      |   |                                                                                   |
|------|---|-----------------------------------------------------------------------------------|
| A670 | Ѧ | COMBINING CYRILLIC TEN MILLIONS SIGN<br>→ 0489 Ѧ combining cyrillic millions sign |
| A671 | Ѧ | COMBINING CYRILLIC HUNDRED MILLIONS SIGN                                          |
| A672 | Ѧ | COMBINING CYRILLIC THOUSAND MILLIONS SIGN                                         |

**Punctuation mark**

|      |   |                   |
|------|---|-------------------|
| A673 | Ѧ | SLAVONIC ASTERISK |
|------|---|-------------------|

**Combining marks for Old Cyrillic**

|      |   |                                                                                                                                                                                                |
|------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A674 | Ѧ | COMBINING CYRILLIC LETTER UKRAINIAN IE                                                                                                                                                         |
| A675 | Ѧ | COMBINING CYRILLIC LETTER I                                                                                                                                                                    |
| A676 | Ѧ | COMBINING CYRILLIC LETTER YI                                                                                                                                                                   |
| A677 | Ѧ | COMBINING CYRILLIC LETTER U                                                                                                                                                                    |
| A678 | Ѧ | COMBINING CYRILLIC LETTER HARD SIGN                                                                                                                                                            |
| A679 | Ѧ | COMBINING CYRILLIC LETTER YERU                                                                                                                                                                 |
| A67A | Ѧ | COMBINING CYRILLIC LETTER SOFT SIGN                                                                                                                                                            |
| A67B | Ѧ | COMBINING CYRILLIC LETTER OMEGA                                                                                                                                                                |
| A67C | Ѧ | COMBINING CYRILLIC KAVYKA<br>• indicates an alternative reading to part of a word<br>→ 0306 Ѧ combining breve<br>→ 1DF6 Ѧ combining kavyka above right<br>→ 1DF7 Ѧ combining kavyka above left |
| A67D | Ѧ | COMBINING CYRILLIC PAYEROK<br>• may indicate an omitted yer<br>→ 033E Ѧ combining vertical tilde                                                                                               |

**Punctuation mark**

|      |   |                                                                                                |
|------|---|------------------------------------------------------------------------------------------------|
| A67E | Ѧ | CYRILLIC KAVYKA<br>• used to mark off word that has alternative reading<br>→ 2E47 Ѧ low kavyka |
|------|---|------------------------------------------------------------------------------------------------|

**Modifier letter**

|      |   |                                                                              |
|------|---|------------------------------------------------------------------------------|
| A67F | Ѧ | CYRILLIC PAYEROK<br>• may indicate an omitted yer<br>→ 2E2F Ѧ vertical tilde |
|------|---|------------------------------------------------------------------------------|

**Letters for Old Abkhasian orthography**

|      |   |                             |
|------|---|-----------------------------|
| A680 | Ѧ | CYRILLIC CAPITAL LETTER DWE |
| A681 | Ѧ | CYRILLIC SMALL LETTER DWE   |

|      |    |                                             |
|------|----|---------------------------------------------|
| A682 | Ѕ  | CYRILLIC CAPITAL LETTER DZWE                |
| A683 | ѕ  | CYRILLIC SMALL LETTER DZWE                  |
| A684 | ЗК | CYRILLIC CAPITAL LETTER ZHWE                |
| A685 | зк | CYRILLIC SMALL LETTER ZHWE                  |
| A686 | Ц  | CYRILLIC CAPITAL LETTER CCHE                |
| A687 | ц  | CYRILLIC SMALL LETTER CCHE                  |
| A688 | Д  | CYRILLIC CAPITAL LETTER DZZE                |
| A689 | д  | CYRILLIC SMALL LETTER DZZE                  |
| A68A | Т  | CYRILLIC CAPITAL LETTER TE WITH MIDDLE HOOK |
| A68B | т  | CYRILLIC SMALL LETTER TE WITH MIDDLE HOOK   |
| A68C | Т  | CYRILLIC CAPITAL LETTER TWE                 |
| A68D | т  | CYRILLIC SMALL LETTER TWE                   |
| A68E | Ц  | CYRILLIC CAPITAL LETTER TSWE                |
| A68F | ц  | CYRILLIC SMALL LETTER TSWE                  |
| A690 | Т  | CYRILLIC CAPITAL LETTER TSSE                |
| A691 | т  | CYRILLIC SMALL LETTER TSSE                  |
| A692 | Ц  | CYRILLIC CAPITAL LETTER TCHE                |
| A693 | ц  | CYRILLIC SMALL LETTER TCHE                  |
| A694 | Һ  | CYRILLIC CAPITAL LETTER HWE                 |
| A695 | һ  | CYRILLIC SMALL LETTER HWE                   |
| A696 | Ц  | CYRILLIC CAPITAL LETTER SHWE                |
| A697 | ц  | CYRILLIC SMALL LETTER SHWE                  |

**Letters for Old Cyrillic**

|      |   |                                   |
|------|---|-----------------------------------|
| A698 | О | CYRILLIC CAPITAL LETTER DOUBLE O  |
| A699 | о | CYRILLIC SMALL LETTER DOUBLE O    |
| A69A | Ө | CYRILLIC CAPITAL LETTER CROSSED O |
| A69B | ө | CYRILLIC SMALL LETTER CROSSED O   |

**Intonation marks for Lithuanian dialectology**

|      |   |                                                        |
|------|---|--------------------------------------------------------|
| A69C | Ṛ | MODIFIER LETTER CYRILLIC HARD SIGN<br>≈ <super> 044A Ṛ |
| A69D | Ṛ | MODIFIER LETTER CYRILLIC SOFT SIGN<br>≈ <super> 044C Ṛ |

**Combining marks for Old Cyrillic**

|      |   |                                      |
|------|---|--------------------------------------|
| A69E | Ѳ | COMBINING CYRILLIC LETTER EF         |
| A69F | Ѳ | COMBINING CYRILLIC LETTER IOTIFIED E |

## A720

## Latin Extended-D

## A7FF

|   | A72 | A73 | A74 | A75 | A76 | A77 | A78 | A79 | A7A | A7B | A7C | A7D | A7E | A7F |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Ɔ   | F   | K   | P   | W   | 9   | Ƨ   | N   | Ɔ   | X   | Ɔ   | Ɔ   |     |     |
| 1 | Ɔ   | s   | k   | p   | w   | d   | l   | n   | g   | L   | Ɔ   | Ɔ   |     |     |
| 2 | Ɔ   | AA  | K   | P   | Ɔ   | l   | Ƨ   | Ɔ   | K   | J   | Ɔ   |     |     | Ɔ   |
| 3 | Ɔ   | aa  | k   | p   | Ɔ   | m   | Ƨ   | €   | k   | X   | Ɔ   | Ɔ   |     | F   |
| 4 | Ɔ   | AO  | K   | P   | Ɔ   | n   | Ƨ   | Ɔ   | N   | B   | Ɔ   |     |     | Q   |
| 5 | Ɔ   | æ   | k   | p   | Ɔ   | r   | Ƨ   | h   | n   | Ɔ   | Ɔ   | Ɔ   |     | Ɔ   |
| 6 | H   | AU  | L   | Q   | P   | R   | Ɔ   | B   | R   | Ɔ   | Z   | Ɔ   |     | Ɔ   |
| 7 | h   | au  | l   | q   | p   | t   | Ƨ   | b   | f   | Ɔ   | Ɔ   | Ɔ   |     | Ɔ   |
| 8 | Ɔ   | A   | L   | Q   | Ɔ   | Ɔ   | ^   | F   | S   | U   | d   | Ɔ   |     | H   |
| 9 | t   | a   | l   | q   | Ɔ   | Ɔ   | :   | f   | s   | u   | Ɔ   | Ɔ   |     | œ   |
| A | Ɔ   | A   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | =   | Ɔ   | H   | A   | s   |     |     | Ɔ   |
| B | Ɔ   | a   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | !   | a   | Ɔ   | Ɔ   |     |     |     | Ɔ   |
| C | Ɔ   | A   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | !   | Ɔ   | Ɔ   | Ɔ   |     |     |     | Ɔ   |
| D | Ɔ   | a   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   |     |     |     | Ɔ   |
| E | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   |     |     |     | Ɔ   |
| F | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | Ɔ   | •   | Ɔ   | Q   | Ɔ   |     |     |     | Ɔ   |

## A720

## Latin Extended-D

## A777

**Additions for UPA**

- A720 **™** MODIFIER LETTER STRESS AND HIGH TONE  
 A721 **™** MODIFIER LETTER STRESS AND LOW TONE

**Egyptological additions**

- A722 **Ⲁ** LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF  
 A723 **ⲁ** LATIN SMALL LETTER EGYPTOLOGICAL ALEF  
 A724 **Ⲃ** LATIN CAPITAL LETTER EGYPTOLOGICAL AIN  
 A725 **ⲃ** LATIN SMALL LETTER EGYPTOLOGICAL AIN  
 • this is a case pair  
 → 1D25 **Ⲁ** latin letter ain  
 → 1D5C **Ⲃ** modifier letter small ain  
 → A7BD **ⲃ** latin small letter glottal i

**Mayanist additions**

- A726 **Ɑ** LATIN CAPITAL LETTER HENG  
 A727 **Ɱ** LATIN SMALL LETTER HENG  
 A728 **Ɐ** LATIN CAPITAL LETTER TZ  
 A729 **Ɒ** LATIN SMALL LETTER TZ  
 A72A **ⱱ** LATIN CAPITAL LETTER TRESILLO  
 A72B **Ⱳ** LATIN SMALL LETTER TRESILLO  
 → 218B **ⱱ** turned digit three  
 A72C **ⱳ** LATIN CAPITAL LETTER CUATRILLO  
 A72D **ⱴ** LATIN SMALL LETTER CUATRILLO  
 A72E **Ⱶ** LATIN CAPITAL LETTER CUATRILLO WITH COMMA  
 A72F **ⱶ** LATIN SMALL LETTER CUATRILLO WITH COMMA

**Medievalist additions**

- A730 **ⱦ** LATIN LETTER SMALL CAPITAL F  
 A731 **Ⱨ** LATIN LETTER SMALL CAPITAL S  
 A732 **ⱨ** LATIN CAPITAL LETTER AA  
 → 10780 **ⱨ** modifier letter small capital aa  
 A733 **Ⱪ** LATIN SMALL LETTER AA  
 A734 **ⱪ** LATIN CAPITAL LETTER AO  
 A735 **Ⱬ** LATIN SMALL LETTER AO  
 A736 **ⱬ** LATIN CAPITAL LETTER AU  
 A737 **Ɑ** LATIN SMALL LETTER AU  
 A738 **Ɱ** LATIN CAPITAL LETTER AV  
 A739 **Ɐ** LATIN SMALL LETTER AV  
 A73A **Ɒ** LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR  
 A73B **ⱱ** LATIN SMALL LETTER AV WITH HORIZONTAL BAR  
 A73C **Ⱳ** LATIN CAPITAL LETTER AY  
 A73D **ⱳ** LATIN SMALL LETTER AY  
 A73E **ⱴ** LATIN CAPITAL LETTER REVERSED C WITH DOT  
 A73F **Ⱶ** LATIN SMALL LETTER REVERSED C WITH DOT  
 A740 **ⱶ** LATIN CAPITAL LETTER K WITH STROKE  
 A741 **ⱷ** LATIN SMALL LETTER K WITH STROKE  
 A742 **ⱸ** LATIN CAPITAL LETTER K WITH DIAGONAL STROKE  
 A743 **ⱹ** LATIN SMALL LETTER K WITH DIAGONAL STROKE  
 A744 **ⱺ** LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A745 **ⱻ** LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A746 **ⱼ** LATIN CAPITAL LETTER BROKEN L  
 A747 **ⱽ** LATIN SMALL LETTER BROKEN L  
 A748 **Ȿ** LATIN CAPITAL LETTER L WITH HIGH STROKE  
 A749 **Ɀ** LATIN SMALL LETTER L WITH HIGH STROKE

- A74A **Ɀ** LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY  
 A74B **Ɀ** LATIN SMALL LETTER O WITH LONG STROKE OVERLAY  
 A74C **Ɀ** LATIN CAPITAL LETTER O WITH LOOP  
 A74D **Ɀ** LATIN SMALL LETTER O WITH LOOP  
 A74E **Ɀ** LATIN CAPITAL LETTER OO  
 A74F **Ɀ** LATIN SMALL LETTER OO  
 A750 **Ɀ** LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER  
 A751 **Ɀ** LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER  
 A752 **Ɀ** LATIN CAPITAL LETTER P WITH FLOURISH  
 A753 **Ɀ** LATIN SMALL LETTER P WITH FLOURISH  
 A754 **Ɀ** LATIN CAPITAL LETTER P WITH SQUIRREL TAIL  
 A755 **Ɀ** LATIN SMALL LETTER P WITH SQUIRREL TAIL  
 A756 **Ɀ** LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER  
 A757 **Ɀ** LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER  
 A758 **Ɀ** LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE  
 A759 **Ɀ** LATIN SMALL LETTER Q WITH DIAGONAL STROKE  
 A75A **Ɀ** LATIN CAPITAL LETTER R ROTUNDA  
 A75B **Ɀ** LATIN SMALL LETTER R ROTUNDA  
 A75C **Ɀ** LATIN CAPITAL LETTER RUM ROTUNDA  
 A75D **Ɀ** LATIN SMALL LETTER RUM ROTUNDA  
 A75E **Ɀ** LATIN CAPITAL LETTER V WITH DIAGONAL STROKE  
 A75F **Ɀ** LATIN SMALL LETTER V WITH DIAGONAL STROKE  
 A760 **Ɀ** LATIN CAPITAL LETTER VY  
 A761 **Ɀ** LATIN SMALL LETTER VY  
 A762 **Ɀ** LATIN CAPITAL LETTER VISIGOTHIC Z  
 A763 **Ɀ** LATIN SMALL LETTER VISIGOTHIC Z  
 A764 **Ɀ** LATIN CAPITAL LETTER THORN WITH STROKE  
 A765 **Ɀ** LATIN SMALL LETTER THORN WITH STROKE  
 • Old English, Old Norse  
 • representative glyph is preferred in Old English text  
 • Old Norse fonts show a more horizontal stroke  
 A766 **Ɀ** LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A767 **Ɀ** LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A768 **Ɀ** LATIN CAPITAL LETTER VEND  
 A769 **Ɀ** LATIN SMALL LETTER VEND  
 A76A **Ɀ** LATIN CAPITAL LETTER ET  
 A76B **Ɀ** LATIN SMALL LETTER ET  
 A76C **Ɀ** LATIN CAPITAL LETTER IS  
 A76D **Ɀ** LATIN SMALL LETTER IS  
 A76E **Ɀ** LATIN CAPITAL LETTER CON  
 A76F **Ɀ** LATIN SMALL LETTER CON  
 A770 **Ɀ** MODIFIER LETTER US  
 ≈ <super> A76F **Ɀ**  
 A771 **Ɀ** LATIN SMALL LETTER DUM  
 A772 **Ɀ** LATIN SMALL LETTER LUM  
 A773 **Ɀ** LATIN SMALL LETTER MUM  
 A774 **Ɀ** LATIN SMALL LETTER NUM  
 A775 **Ɀ** LATIN SMALL LETTER RUM  
 A776 **Ɀ** LATIN LETTER SMALL CAPITAL RUM  
 A777 **Ɀ** LATIN SMALL LETTER TUM



A778 Ț LATIN SMALL LETTER UM

**Insular and Celticist letters**

A779 Ů LATIN CAPITAL LETTER INSULAR D

A77A Ȯ LATIN SMALL LETTER INSULAR D

A77B Ꝣ LATIN CAPITAL LETTER INSULAR F

A77C Ꝣ LATIN SMALL LETTER INSULAR F

A77D Ꝣ LATIN CAPITAL LETTER INSULAR G

• lowercase is 1D79 Ꝣ

A77E Ꝣ LATIN CAPITAL LETTER TURNED INSULAR G

A77F Ꝣ LATIN SMALL LETTER TURNED INSULAR G

A780 Ꝣ LATIN CAPITAL LETTER TURNED L

A781 Ꝣ LATIN SMALL LETTER TURNED L

A782 Ꝣ LATIN CAPITAL LETTER INSULAR R

A783 Ꝣ LATIN SMALL LETTER INSULAR R

A784 Ꝣ LATIN CAPITAL LETTER INSULAR S

A785 Ꝣ LATIN SMALL LETTER INSULAR S

A786 Ꝣ LATIN CAPITAL LETTER INSULAR T

A787 Ꝣ LATIN SMALL LETTER INSULAR T

**Modifier letters**

A788 ˆ MODIFIER LETTER LOW CIRCUMFLEX ACCENT

→ 02C6 ˆ modifier letter circumflex accent

→ 2038 ˆ caret

A789 : MODIFIER LETTER COLON

• used as a tone letter in some orthographies

• Budu (Congo), Sabaot (Kenya), and several Papua New Guinea languages

→ 003A : colon

A78A = MODIFIER LETTER SHORT EQUALS SIGN

• used as a tone letter in some orthographies

• Budu (Congo)

→ 003D = equals sign

**Orthographic letters for glottals**

A78B ' LATIN CAPITAL LETTER SALTILLO

• Me'phaa (Mexico)

A78C ' LATIN SMALL LETTER SALTILLO

• saltillos are used as a casing pair for glottal stop in some orthographies

• the lowercase is widely used in many languages in Mexico and other regions, including Izero in Nigeria

→ 0027 ' apostrophe

→ 0242 ʔ latin small letter glottal stop

→ 0294 ʔ latin letter glottal stop

→ 02BC ʔ modifier letter apostrophe

→ 02C0 ʔ modifier letter glottal stop

**Additional letter**

A78D Ꝣ LATIN CAPITAL LETTER TURNED H

• used in the Dan/Gio orthography in Liberia

• lowercase is 0265 Ꝣ

**Phonetic symbol**

A78E Ꝣ LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT

• voiceless lateral retroflex fricative

• used to transcribe Toda

**Transliteration letter**

A78F • LATIN LETTER SINOLOGICAL DOT

• used in transliteration of Phags-Pa and in phonetic transcription of Tangut

→ 00B7 • middle dot

**Additional letters**

A790 Ꝣ LATIN CAPITAL LETTER N WITH DESCENDER

A791 Ꝣ LATIN SMALL LETTER N WITH DESCENDER

• Janalif

A792 Ꝣ LATIN CAPITAL LETTER C WITH BAR

= Cambrian symbol

A793 Ꝣ LATIN SMALL LETTER C WITH BAR

• Nanai

**Additions for Lithuanian dialectology**

A794 Ꝣ LATIN SMALL LETTER C WITH PALATAL HOOK

• uppercase is A7C4 Ꝣ

A795 Ꝣ LATIN SMALL LETTER H WITH PALATAL HOOK

→ A727 Ꝣ latin small letter heng

**Letters for Middle Vietnamese**

A796 Ꝣ LATIN CAPITAL LETTER B WITH FLOURISH

A797 Ꝣ LATIN SMALL LETTER B WITH FLOURISH

**Archaic letters for Ewe**

A798 Ꝣ LATIN CAPITAL LETTER F WITH STROKE

→ 0191 Ꝣ latin capital letter f with hook

A799 Ꝣ LATIN SMALL LETTER F WITH STROKE

• old Ewe orthography

• also used in German dialectology

**Archaic letters for Volapük**

A79A Ꝣ LATIN CAPITAL LETTER VOLAPUK AE

A79B Ꝣ LATIN SMALL LETTER VOLAPUK AE

A79C Ꝣ LATIN CAPITAL LETTER VOLAPUK OE

A79D Ꝣ LATIN SMALL LETTER VOLAPUK OE

A79E Ꝣ LATIN CAPITAL LETTER VOLAPUK UE

A79F Ꝣ LATIN SMALL LETTER VOLAPUK UE

**Letters for pre-1921 Latvian orthography**

A7A0 Ꝣ LATIN CAPITAL LETTER G WITH OBLIQUE STROKE

A7A1 Ꝣ LATIN SMALL LETTER G WITH OBLIQUE STROKE

A7A2 Ꝣ LATIN CAPITAL LETTER K WITH OBLIQUE STROKE

A7A3 Ꝣ LATIN SMALL LETTER K WITH OBLIQUE STROKE

A7A4 Ꝣ LATIN CAPITAL LETTER N WITH OBLIQUE STROKE

A7A5 Ꝣ LATIN SMALL LETTER N WITH OBLIQUE STROKE

A7A6 Ꝣ LATIN CAPITAL LETTER R WITH OBLIQUE STROKE

A7A7 Ꝣ LATIN SMALL LETTER R WITH OBLIQUE STROKE

A7A8 Ꝣ LATIN CAPITAL LETTER S WITH OBLIQUE STROKE

A7A9 Ꝣ LATIN SMALL LETTER S WITH OBLIQUE STROKE

• also used in pre-1950 Lower Sorbian orthography

→ 1E9C Ꝣ latin small letter long s with diagonal stroke

**Additional letters**

A7AA Ꝣ LATIN CAPITAL LETTER H WITH HOOK

• lowercase is 0266 Ꝣ

• used in Chad

A7AB Ꝣ LATIN CAPITAL LETTER REVERSED OPEN E

• lowercase is 025C Ꝣ

A7AC Ꝣ LATIN CAPITAL LETTER SCRIPT G

• lowercase is 0261 Ꝣ

A7AD Ꝣ LATIN CAPITAL LETTER L WITH BELT

• lowercase is 026C Ꝣ

**Letter for West African languages**

- A7AE ɹ LATIN CAPITAL LETTER SMALL CAPITAL I
- lowercase is 026A ɹ
  - also used in Unifon

**Letter for Japanese phonemic transcription**

- A7AF q LATIN LETTER SMALL CAPITAL Q
- used to represent gemination
  - A7F4 q modifier letter capital q

**Letters for Americanist orthographies**

- A7B0 ʁ LATIN CAPITAL LETTER TURNED K
- lowercase is 029E ʁ
- A7B1 ʟ LATIN CAPITAL LETTER TURNED T
- lowercase is 0287 ʟ
  - also used in Unifon

**Letter for African languages**

- A7B2 ɟ LATIN CAPITAL LETTER J WITH CROSSED-TAIL
- lowercase is 029D ɟ

**Letter for German dialectology**

- A7B3 Ƶ LATIN CAPITAL LETTER CHI
- lowercase is AB53 Ƶ
  - 03A7 Ƶ greek capital letter chi

**Letters for African languages**

- A7B4 Ɓ LATIN CAPITAL LETTER BETA
- A7B5 ɓ LATIN SMALL LETTER BETA
- 03B2 ɓ greek small letter beta
- A7B6 Ɔ LATIN CAPITAL LETTER OMEGA
- A7B7 ɔ LATIN SMALL LETTER OMEGA
- 03C9 ɔ greek small letter omega

**Letters for Mazahua (México)**

- A7B8 ɯ LATIN CAPITAL LETTER U WITH STROKE
- A7B9 ɰ LATIN SMALL LETTER U WITH STROKE

**Letters for Ugaritic and Egyptological transliteration**

*These letters are always shown in italic style in actual use for transliteration.*

- A7BA ʾ LATIN CAPITAL LETTER GLOTTAL A
- A7BB ʾ LATIN SMALL LETTER GLOTTAL A
- A7BC ʾ LATIN CAPITAL LETTER GLOTTAL I
- A7BD ʾ LATIN SMALL LETTER GLOTTAL I
- = egyptological yod
  - A723 ʾ latin small letter egyptological alef
  - A725 ʾ latin small letter egyptological ain
- A7BE ʾ LATIN CAPITAL LETTER GLOTTAL U
- A7BF ʾ LATIN SMALL LETTER GLOTTAL U

**Additional medieval letters**

- A7C0 Ȣ LATIN CAPITAL LETTER OLD POLISH O
- A7C1 ȣ LATIN SMALL LETTER OLD POLISH O
- used in Old Polish as a nasal vowel
  - 00F8 ȣ latin small letter o with stroke
- A7C2 Ƶ LATIN CAPITAL LETTER ANGLICANA W
- A7C3 Ƶ LATIN SMALL LETTER ANGLICANA W
- used in medieval English and Cornish

**Letters used in early Pinyin romanization**

- A7C4 Ȣ LATIN CAPITAL LETTER C WITH PALATAL HOOK
- lowercase is A794 Ȣ
- A7C5 Ȣ LATIN CAPITAL LETTER S WITH HOOK
- lowercase is 0282 Ȣ
- A7C6 Ȣ LATIN CAPITAL LETTER Z WITH PALATAL HOOK
- lowercase is 1D8E Ȣ

**Additional letters for Gaulish**

- A7C7 Ɔ LATIN CAPITAL LETTER D WITH SHORT STROKE OVERLAY
- A7C8 ɖ LATIN SMALL LETTER D WITH SHORT STROKE OVERLAY
- = tau gallicum
  - indicates a dental affricate
- A7C9 Ɔ LATIN CAPITAL LETTER S WITH SHORT STROKE OVERLAY
- A7CA ɖ LATIN SMALL LETTER S WITH SHORT STROKE OVERLAY

**Letters used in the Middle English Ormulum**

- A7D0 Ȣ LATIN CAPITAL LETTER CLOSED INSULAR G
- A7D1 Ȣ LATIN SMALL LETTER CLOSED INSULAR G
- 1D79 Ȣ latin small letter insular g
- A7D2 Ȣ <reserved>
- A7D3 Ȣ LATIN SMALL LETTER DOUBLE THORN
- 00FE Ȣ latin small letter thorn
- A7D4 Ȣ <reserved>
- A7D5 Ȣ LATIN SMALL LETTER DOUBLE WYNN
- 01BF Ȣ latin letter wyynn

**Letters used in medieval palaeography**

- A7D6 Ȣ LATIN CAPITAL LETTER MIDDLE SCOTS S
- A7D7 Ȣ LATIN SMALL LETTER MIDDLE SCOTS S
- used in Middle Scots for s, ss, ser, sir, is, sis, etc.
  - 00DF Ȣ latin small letter sharp s
- A7D8 Ȣ LATIN CAPITAL LETTER SIGMOID S
- A7D9 Ȣ LATIN SMALL LETTER SIGMOID S
- used in Middle Cornish, Middle English, and Middle Scots

**Modifier letters for Chatino (México)**

- A7F2 ˆ MODIFIER LETTER CAPITAL C
- ≈ <super> 0043 ˆ
- A7F3 ˆ MODIFIER LETTER CAPITAL F
- ≈ <super> 0046 ˆ

**Modifier letter for Japanese phonemic transcription**

- A7F4 ˆ MODIFIER LETTER CAPITAL Q
- A7AF ˆ latin letter small capital q
  - ≈ <super> 0051 ˆ

**Ancient Gaulish and Celtic epigraphic letters**

- A7F5 Ȣ LATIN CAPITAL LETTER REVERSED HALF H
- = H dimidié
  - appears in inscriptions from the Roman provinces of Gaul
  - 2C75 Ȣ latin capital letter half h
- A7F6 Ȣ LATIN SMALL LETTER REVERSED HALF H
- A7F7 Ȣ LATIN EPIGRAPHIC LETTER SIDEWAYS I
- Celtic inscriptions

**Additions for Extended IPA**

- A7F8 Ȣ MODIFIER LETTER CAPITAL H WITH STROKE
- ≈ <super> 0126 Ȣ
  - A typographical distinction between a capital form and a small capital form is not distinctive for this character in IPA usage.
  - faucalized
  - 029C Ȣ latin letter small capital h
- A7F9 Ȣ MODIFIER LETTER SMALL LIGATURE OE
- labialized: open-rounded
  - ≈ <super> 0153 Ȣ

**Addition for UPA**

A7FA 𐌛 LATIN LETTER SMALL CAPITAL TURNED M

**Ancient Roman epigraphic letters**

A7FB 𐌜 LATIN EPIGRAPHIC LETTER REVERSED F

A7FC 𐌝 LATIN EPIGRAPHIC LETTER REVERSED P

A7FD 𐌞 LATIN EPIGRAPHIC LETTER INVERTED M

A7FE 𐌟 LATIN EPIGRAPHIC LETTER I LONGA

A7FF 𐌠 LATIN EPIGRAPHIC LETTER ARCHAIC M

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| <p><i>This block, despite its name, contains a number of unified CJK ideographs. Each is also individually identified by an annotation.</i></p> <p><i>Subheaders identifying sources for subranges do not indicate required usage or preclude mappings to other sources. For example, many pronunciation variants from KS X 1001:1998 are also mapped to a J source.</i></p> <p><b>Pronunciation variants from KS X 1001:1998</b></p> <p>F900 豈<br/>豆 151.3<br/>K0-4B50<br/>≡ 8C48 豈<br/>~ 8C48 FE00</p> <p>F901 更<br/>日 73.3<br/>K0-4B56<br/>≡ 66F4 更<br/>~ 66F4 FE00</p> <p>F902 車<br/>車 159.0<br/>K0-4B67<br/>≡ 8ECA 車<br/>~ 8ECA FE00</p> <p>F903 賈<br/>貝 154.6<br/>K0-4D4F<br/>≡ 8CC8 賈<br/>~ 8CC8 FE00</p> <p>F904 滑<br/>水 85.10<br/>K0-4D68<br/>≡ 6ED1 滑<br/>~ 6ED1 FE00</p> <p>F905 串<br/>丨 2.6<br/>K0-4E2D<br/>≡ 4E32 串<br/>~ 4E32 FE00</p> <p>F906 句<br/>口 30.2<br/>K0-4F7B<br/>≡ 53E5 句<br/>~ 53E5 FE00</p> <p>F907 龜 龜<br/>龜 213.0<br/>K0-5022 H-8BF8<br/>≡ 9F9C 龜<br/>~ 9F9C FE00</p> <p>F908 龜<br/>龜 213.0<br/>K0-5038<br/>≡ 9F9C 龜<br/>~ 9F9C FE01</p> <p>F909 契<br/>大 37.6<br/>K0-5050<br/>≡ 5951 契<br/>~ 5951 FE00</p> | <p>F90A 金<br/>金 167.0<br/>K0-505D<br/>≡ 91D1 金<br/>~ 91D1 FE00</p> <p>F90B 喇<br/>口 30.9<br/>K0-5154<br/>≡ 5587 喇<br/>~ 5587 FE00</p> <p>F90C 奈<br/>大 37.5<br/>K0-5155<br/>≡ 5948 奈<br/>~ 5948 FE00</p> <p>F90D 懶<br/>心 61.16<br/>K0-5158<br/>≡ 61F6 懶<br/>~ 61F6 FE00</p> <p>F90E 癩<br/>疒 104.16<br/>K0-515B<br/>≡ 7669 癩<br/>~ 7669 FE00</p> <p>F90F 羅<br/>网 122.14<br/>K0-515C<br/>≡ 7F85 羅<br/>~ 7F85 FE00</p> <p>F910 蘿<br/>艸 140.19<br/>K0-515D<br/>≡ 863F 蘿<br/>~ 863F FE00</p> <p>F911 螺<br/>虫 142.11<br/>K0-515E<br/>≡ 87BA 螺<br/>~ 87BA FE00</p> <p>F912 裸<br/>衣 145.8<br/>K0-515F<br/>≡ 88F8 裸<br/>~ 88F8 FE00</p> <p>F913 邏<br/>辵 162.19<br/>K0-5160<br/>≡ 908F 邏<br/>~ 908F FE00</p> <p>F914 樂<br/>木 75.11<br/>K0-5162<br/>≡ 6A02 樂<br/>~ 6A02 FE00</p> <p>F915 洛<br/>水 85.6<br/>K0-5163<br/>≡ 6D1B 洛<br/>~ 6D1B FE00</p> | <p>F916 烙<br/>火 86.6<br/>K0-5164<br/>≡ 70D9 烙<br/>~ 70D9 FE00</p> <p>F917 珞<br/>玉 96.6<br/>K0-5165<br/>≡ 73DE 珞<br/>~ 73DE FE00</p> <p>F918 落<br/>艸 140.9<br/>K0-5166<br/>≡ 843D 落<br/>~ 843D FE00</p> <p>F919 酪<br/>酉 164.6<br/>K0-5168<br/>≡ 916A 酪<br/>~ 916A FE00</p> <p>F91A 駱<br/>馬 187.6<br/>K0-5169<br/>≡ 99F1 駱<br/>~ 99F1 FE00</p> <p>F91B 亂<br/>乙 5.12<br/>K0-516A<br/>≡ 4E82 亂<br/>~ 4E82 FE00</p> <p>F91C 卯<br/>卩 26.5<br/>K0-516B<br/>≡ 5375 卯<br/>~ 5375 FE00</p> <p>F91D 欄 欄<br/>木 75.17<br/>J3-763B K0-516D<br/>≡ 6B04 欄<br/>~ 6B04 FE00</p> <p>F91E 爛<br/>火 86.17<br/>K0-516F<br/>≡ 721B 爛<br/>~ 721B FE00</p> <p>F91F 蘭<br/>艸 140.17<br/>K0-5170<br/>≡ 862D 蘭<br/>~ 862D FE00</p> <p>F920 鸞<br/>鳥 196.19<br/>K0-5172<br/>≡ 9E1E 鸞<br/>~ 9E1E FE00</p> <p>F921 嵐<br/>山 46.9<br/>K0-5176<br/>≡ 5D50 嵐<br/>~ 5D50 FE00</p> |
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| <p><b>F922</b><br/>水 85.14 濫<br/>K0-517A<br/>≡ 6FEB 濫<br/>~ 6FEB FE00</p> <p><b>F923</b><br/>艸 140.14 藍<br/>K0-517C<br/>≡ 85CD 藍<br/>~ 85CD FE00</p> <p><b>F924</b><br/>衣 145.14 檻<br/>K0-517D<br/>≡ 8964 檻<br/>~ 8964 FE00</p> <p><b>F925</b><br/>手 64.5 拉<br/>K0-517E<br/>≡ 62C9 拉<br/>~ 62C9 FE00</p> <p><b>F926</b><br/>肉 130.15 臘<br/>K0-5222<br/>≡ 81D8 臘<br/>~ 81D8 FE00</p> <p><b>F927</b><br/>虫 142.15 蠟<br/>K0-5223<br/>≡ 881F 蠟<br/>~ 881F FE00</p> <p><b>F928</b><br/>广 53.9 廊 廊<br/>J3-742E K0-5227<br/>≡ 5ECA 廊<br/>~ 5ECA FE00</p> <p><b>F929</b><br/>月 74.7 朗 朗<br/>J3-754E K0-5228<br/>≡ 6717 朗<br/>~ 6717 FE00</p> <p><b>F92A</b><br/>水 85.7 浪<br/>K0-5229<br/>≡ 6D6A 浪<br/>~ 6D6A FE00</p> <p><b>F92B</b><br/>犬 94.7 狼<br/>K0-522A<br/>≡ 72FC 狼<br/>~ 72FC FE00</p> <p><b>F92C</b><br/>邑 163.6 郎 郎<br/>GU-0F92C KU-0F92C<br/>• a mapping change removed the original K0 source<br/>→ 90DE 郎<br/>→ FA2E 郎 cjk compatibility ideograph-FA2E<br/>≡ 90CE 郎<br/>~ 90CE FE00</p> | <p><b>F92D</b><br/>人 9.6 來<br/>K0-522D<br/>≡ 4F86 來<br/>~ 4F86 FE00</p> <p><b>F92E</b><br/>冫 15.5 冷<br/>K0-5232<br/>≡ 51B7 冷<br/>~ 51B7 FE00</p> <p><b>F92F</b><br/>力 19.10 勞<br/>K0-523E<br/>≡ 52DE 勞<br/>~ 52DE FE00</p> <p><b>F930</b><br/>手 64.13 擄<br/>K0-5242<br/>≡ 64C4 擄<br/>~ 64C4 FE00</p> <p><b>F931</b><br/>木 75.15 櫓<br/>K0-5243<br/>≡ 6AD3 櫓<br/>~ 6AD3 FE00</p> <p><b>F932</b><br/>火 86.16 爐<br/>K0-5244<br/>≡ 7210 爐<br/>~ 7210 FE00</p> <p><b>F933</b><br/>皿 108.11 盧<br/>K0-5246<br/>≡ 76E7 盧<br/>~ 76E7 FE00</p> <p><b>F934</b><br/>老 125.0 老<br/>K0-5247<br/>≡ 8001 老<br/>~ 8001 FE00</p> <p><b>F935</b><br/>艸 140.16 蘆<br/>K0-5248<br/>≡ 8606 蘆<br/>~ 8606 FE00</p> <p><b>F936</b><br/>虍 141.6 虜 虜 虜<br/>J3-7B4F K0-5249 KP1-70DC<br/>≡ 865C 虜<br/>~ 865C FE00</p> <p><b>F937</b><br/>足 157.6 路<br/>K0-524A<br/>≡ 8DEF 路<br/>~ 8DEF FE00</p> <p><b>F938</b><br/>雨 173.12 露<br/>K0-524B<br/>≡ 9732 露<br/>~ 9732 FE00</p> | <p><b>F939</b><br/>魚 195.4 魯<br/>K0-524D<br/>≡ 9B6F 魯<br/>~ 9B6F FE00</p> <p><b>F93A</b><br/>鳥 196.12 鷺<br/>K0-524E<br/>≡ 9DFA 鷺<br/>~ 9DFA FE00</p> <p><b>F93B</b><br/>石 112.8 碌<br/>K0-524F<br/>≡ 788C 碌<br/>~ 788C FE00</p> <p><b>F93C</b><br/>示 113.8 祿<br/>K0-5250<br/>≡ 797F 祿<br/>~ 797F FE00</p> <p><b>F93D</b><br/>糸 120.8 綠<br/>K0-5251<br/>≡ 7DA0 綠<br/>~ 7DA0 FE00</p> <p><b>F93E</b><br/>艸 140.8 茱<br/>K0-5252<br/>≡ 83C9 茱<br/>~ 83C9 FE00</p> <p><b>F93F</b><br/>金 167.8 錄<br/>K0-5253<br/>≡ 9304 錄<br/>~ 9304 FE00</p> <p><b>F940</b><br/>鹿 198.0 鹿<br/>K0-5254<br/>≡ 9E7F 鹿<br/>~ 9E7F FE00</p> <p><b>F941</b><br/>言 149.8 論<br/>K0-5255<br/>≡ 8AD6 論<br/>~ 8AD6 FE00</p> <p><b>F942</b><br/>土 32.16 壘<br/>K0-5256<br/>≡ 58DF 壘<br/>~ 58DF FE00</p> <p><b>F943</b><br/>升 55.4 弄<br/>K0-5257<br/>≡ 5F04 弄<br/>~ 5F04 FE00</p> <p><b>F944</b><br/>竹 118.16 籊<br/>K0-5259<br/>≡ 7C60 籊<br/>~ 7C60 FE00</p> |
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| <p>F945 聾 耳 128.16<br/>K0-525A<br/>≡ 807E 聾<br/>~ 807E FE00</p> <p>F946 牢 牛 93.3<br/>K0-525E<br/>≡ 7262 牢<br/>~ 7262 FE00</p> <p>F947 磊 石 112.10<br/>K0-525F<br/>≡ 78CA 磊<br/>~ 78CA FE00</p> <p>F948 賂 貝 154.6<br/>K0-5261<br/>≡ 8CC2 賂<br/>~ 8CC2 FE00</p> <p>F949 雷 雨 173.5<br/>K0-5262<br/>≡ 96F7 雷<br/>~ 96F7 FE00</p> <p>F94A 壘 土 32.15<br/>K0-5264<br/>≡ 58D8 壘<br/>~ 58D8 FE00</p> <p>F94B 屢 尸 44.11<br/>K0-5265<br/>≡ 5C62 屢<br/>~ 5C62 FE00</p> <p>F94C 樓 木 75.11<br/>K0-5266<br/>≡ 6A13 樓<br/>~ 6A13 FE00</p> <p>F94D 淚 水 85.8<br/>K0-5267<br/>≡ 6DDA 淚<br/>~ 6DDA FE00</p> <p>F94E 漏 水 85.11<br/>K0-5268<br/>≡ 6F0E 漏<br/>~ 6F0E FE00</p> <p>F94F 累 糸 120.5<br/>K0-5269<br/>≡ 7D2F 累<br/>~ 7D2F FE00</p> <p>F950 縷 糸 120.11<br/>K0-526A<br/>≡ 7E37 縷<br/>~ 7E37 FE00</p> | <p>F951 陋 阜 170.6<br/>K0-526B<br/>≡ 964B 陋<br/>~ 964B FE00</p> <p>F952 勒 力 19.9<br/>K0-5270<br/>≡ 52D2 勒<br/>~ 52D2 FE00</p> <p>F953 肋 肉 130.2<br/>K0-5271<br/>≡ 808B 肋<br/>~ 808B FE00</p> <p>F954 凜 冫 15.13<br/>K0-5272<br/>≡ 51DC 凜<br/>~ 51DC FE00</p> <p>F955 凌 冫 15.8<br/>K0-5273<br/>≡ 51CC 凌<br/>~ 51CC FE00</p> <p>F956 稜 禾 115.8<br/>K0-5274<br/>≡ 7A1C 稜<br/>~ 7A1C FE00</p> <p>F957 綾 糸 120.8<br/>K0-5275<br/>≡ 7DBE 綾<br/>~ 7DBE FE00</p> <p>F958 菱 艸 140.8<br/>K0-5277<br/>≡ 83F1 菱<br/>~ 83F1 FE00</p> <p>F959 陵 阜 170.8<br/>K0-5278<br/>≡ 9675 陵<br/>~ 9675 FE00</p> <p>F95A 讀 言 149.15<br/>K0-5466<br/>≡ 8B80 讀<br/>~ 8B80 FE00</p> <p>F95B 拏 手 64.5<br/>K0-547C<br/>≡ 62CF 拏<br/>~ 62CF FE00</p> <p>F95C 樂 木 75.11<br/>K0-5525<br/>≡ 6A02 樂<br/>~ 6A02 FE01</p> | <p>F95D 諾 言 149.9<br/>K0-552B<br/>≡ 8AFE 諾<br/>~ 8AFE FE00</p> <p>F95E 丹 丩 3.3<br/>K0-552E<br/>≡ 4E39 丹<br/>~ 4E39 FE00</p> <p>F95F 寧 宀 40.11<br/>K0-5638<br/>≡ 5BE7 寧<br/>~ 5BE7 FE00</p> <p>F960 怒 心 61.5<br/>K0-564D<br/>≡ 6012 怒<br/>~ 6012 FE00</p> <p>F961 率 玄 95.6<br/>K0-574B<br/>≡ 7387 率<br/>~ 7387 FE00</p> <p>F962 異 田 102.7<br/>K0-5764<br/>≡ 7570 異<br/>~ 7570 FE00</p> <p>F963 北 匕 21.3<br/>K0-5B45<br/>≡ 5317 北<br/>~ 5317 FE00</p> <p>F964 礮 石 112.12<br/>K0-5B64<br/>≡ 78FB 礮<br/>~ 78FB FE00</p> <p>F965 便 人 9.7<br/>K0-5C25<br/>≡ 4FBF 便<br/>~ 4FBF FE00</p> <p>F966 復 彳 60.9<br/>K0-5D25<br/>≡ 5FA9 復<br/>~ 5FA9 FE00</p> <p>F967 不 一 1.3<br/>K0-5D55<br/>≡ 4E0D 不<br/>~ 4E0D FE00</p> <p>F968 泌 水 85.5<br/>K0-5D74<br/>≡ 6CCC 泌<br/>~ 6CCC FE00</p> |
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| <p>F969<br/>支 66.11<br/>數<br/>K0-5E7C<br/>≡ 6578 數<br/>~ 6578 FE00</p> <p>F96A<br/>糸 120.4<br/>索<br/>K0-5E7E<br/>≡ 7D22 索<br/>~ 7D22 FE00</p> <p>F96B<br/>厶 28.9<br/>參<br/>K0-5F33<br/>≡ 53C3 參<br/>~ 53C3 FE00</p> <p>F96C<br/>土 32.10<br/>塞<br/>K0-5F61<br/>≡ 585E 塞<br/>~ 585E FE00</p> <p>F96D<br/>目 109.4<br/>省<br/>K0-5F68<br/>≡ 7701 省<br/>~ 7701 FE00</p> <p>F96E<br/>艸 140.9<br/>葉<br/>K0-6071<br/>≡ 8449 葉<br/>~ 8449 FE00</p> <p>F96F<br/>言 149.7<br/>說<br/>K0-612D<br/>≡ 8AAA 說<br/>~ 8AAA FE00</p> <p>F970<br/>攴 79.7<br/>殺 殺<br/>J3-7649 K0-616D<br/>≡ 6BBA 殺<br/>~ 6BBA FE00</p> <p>F971<br/>辰 161.0<br/>辰<br/>K0-6375<br/>≡ 8FB0 辰<br/>~ 8FB0 FE00</p> <p>F972<br/>水 85.4<br/>沈<br/>K0-6421<br/>≡ 6C88 沈<br/>~ 6C88 FE00</p> <p>F973<br/>手 64.6<br/>拾<br/>K0-6429<br/>≡ 62FE 拾<br/>~ 62FE FE00</p> <p>F974<br/>艸 140.5<br/>若<br/>K0-652E<br/>≡ 82E5 若<br/>~ 82E5 FE00</p> | <p>F975<br/>手 64.8<br/>掠<br/>K0-6531<br/>≡ 63A0 掠<br/>~ 63A0 FE00</p> <p>F976<br/>田 102.6<br/>略<br/>K0-6532<br/>≡ 7565 略<br/>~ 7565 FE00</p> <p>F977<br/>亠 8.7<br/>亮<br/>K0-6539<br/>≡ 4EAE 亮<br/>~ 4EAE FE00</p> <p>F978<br/>入 11.6<br/>兩<br/>K0-653B<br/>≡ 5169 兩<br/>~ 5169 FE00</p> <p>F979<br/>彳 15.8<br/>涼 涼<br/>GU-0F979 K0-653C<br/>≡ 51C9 涼<br/>~ 51C9 FE00</p> <p>F97A<br/>木 75.7<br/>梁<br/>K0-6544<br/>≡ 6881 梁<br/>~ 6881 FE00</p> <p>F97B<br/>米 119.12<br/>糧<br/>K0-654E<br/>≡ 7CE7 糧<br/>~ 7CE7 FE00</p> <p>F97C<br/>艮 138.1<br/>良<br/>K0-6550<br/>≡ 826F 良<br/>~ 826F FE00</p> <p>F97D<br/>言 149.8<br/>諒<br/>K0-6552<br/>≡ 8AD2 諒<br/>~ 8AD2 FE00</p> <p>F97E<br/>里 166.5<br/>量<br/>K0-6556<br/>≡ 91CF 量<br/>~ 91CF FE00</p> <p>F97F<br/>力 19.15<br/>勵<br/>K0-657A<br/>≡ 52F5 勵<br/>~ 52F5 FE00</p> <p>F980<br/>口 30.4<br/>呂<br/>K0-657B<br/>≡ 5442 呂<br/>~ 5442 FE00</p> | <p>F981<br/>女 38.0<br/>女<br/>K0-657C<br/>≡ 5973 女<br/>~ 5973 FE00</p> <p>F982<br/>广 53.16<br/>廬<br/>K0-657E<br/>≡ 5EEC 廬<br/>~ 5EEC FE00</p> <p>F983<br/>方 70.6<br/>旅<br/>K0-6621<br/>≡ 65C5 旅<br/>~ 65C5 FE00</p> <p>F984<br/>水 85.15<br/>濾<br/>K0-6624<br/>≡ 6FFE 濾<br/>~ 6FFE FE00</p> <p>F985<br/>石 112.15<br/>礪<br/>K0-6627<br/>≡ 792A 礪<br/>~ 792A FE00</p> <p>F986<br/>門 169.7<br/>閭<br/>K0-662D<br/>≡ 95AD 閭<br/>~ 95AD FE00</p> <p>F987<br/>馬 187.19<br/>驪<br/>K0-662F<br/>≡ 9A6A 驪<br/>~ 9A6A FE00</p> <p>F988<br/>鹿 198.8<br/>麗<br/>K0-6630<br/>≡ 9E97 麗<br/>~ 9E97 FE00</p> <p>F989<br/>黍 202.3<br/>黎<br/>K0-6631<br/>≡ 9ECE 黎<br/>~ 9ECE FE00</p> <p>F98A<br/>力 19.0<br/>力<br/>K0-6633<br/>≡ 529B 力<br/>~ 529B FE00</p> <p>F98B<br/>日 72.12<br/>曆<br/>K0-6637<br/>≡ 66C6 曆<br/>~ 66C6 FE00</p> <p>F98C<br/>止 77.12<br/>歷<br/>K0-6638<br/>≡ 6B77 歷<br/>~ 6B77 FE00</p> |
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| <p>F98D 轆 車 159.15<br/>K0-663C<br/>≡ 8F62 轆<br/>~ 8F62 FE00</p> <p>F98E 年 干 51.3<br/>K0-6644<br/>≡ 5E74 年<br/>~ 5E74 FE00</p> <p>F98F 憐 心 61.12<br/>K0-6646<br/>≡ 6190 憐<br/>~ 6190 FE00</p> <p>F990 戀 心 61.19<br/>K0-6647<br/>≡ 6200 戀<br/>~ 6200 FE00</p> <p>F991 撚 手 64.12<br/>K0-664A<br/>≡ 649A 撚<br/>~ 649A FE00</p> <p>F992 漣 水 85.11<br/>K0-6652<br/>≡ 6F23 漣<br/>~ 6F23 FE00</p> <p>F993 煉 火 86.9<br/>K0-6656<br/>≡ 7149 煉<br/>~ 7149 FE00</p> <p>F994 璉 玉 96.11<br/>K0-6659<br/>≡ 7489 璉<br/>~ 7489 FE00</p> <p>F995 季 禾 115.3<br/>GU-0F995 K0-665C<br/>≡ 79CA 季<br/>~ 79CA FE00</p> <p>F996 練 糸 120.9<br/>K0-665F<br/>≡ 7DF4 練<br/>~ 7DF4 FE00</p> <p>F997 聯 耳 128.11<br/>K0-6661<br/>≡ 806F 聯<br/>~ 806F FE00</p> <p>F998 輦 車 159.8<br/>K0-6664<br/>≡ 8F26 輦<br/>~ 8F26 FE00</p> | <p>F999 蓮 艸 140.11<br/>K0-6665<br/>≡ 84EE 蓮<br/>~ 84EE FE00</p> <p>F99A 連 辵 162.7<br/>K0-6666<br/>≡ 9023 連<br/>~ 9023 FE00</p> <p>F99B 鍊 金 167.9<br/>K0-6668<br/>≡ 934A 鍊<br/>~ 934A FE00</p> <p>F99C 列 刀 18.4<br/>K0-666A<br/>≡ 5217 列<br/>~ 5217 FE00</p> <p>F99D 劣 力 19.4<br/>K0-666B<br/>≡ 52A3 劣<br/>~ 52A3 FE00</p> <p>F99E 咽 口 30.6<br/>K0-666C<br/>≡ 54BD 咽<br/>~ 54BD FE00</p> <p>F99F 烈 火 86.6<br/>K0-666F<br/>≡ 70C8 烈<br/>~ 70C8 FE00</p> <p>F9A0 裂 衣 145.6<br/>K0-6671<br/>≡ 88C2 裂<br/>~ 88C2 FE00</p> <p>F9A1 說 言 149.7<br/>K0-6672<br/>≡ 8AAA 說<br/>~ 8AAA FE01</p> <p>F9A2 廉 广 53.10<br/>K0-6675<br/>≡ 5EC9 廉<br/>~ 5EC9 FE00</p> <p>F9A3 念 心 61.4<br/>K0-6676<br/>≡ 5FF5 念<br/>~ 5FF5 FE00</p> <p>F9A4 捻 手 64.8<br/>K0-6677<br/>≡ 637B 捻<br/>~ 637B FE00</p> | <p>F9A5 殮 歹 78.13<br/>K0-6679<br/>≡ 6BAE 殮<br/>~ 6BAE FE00</p> <p>F9A6 簾 竹 118.13<br/>K0-6721<br/>≡ 7C3E 簾<br/>~ 7C3E FE00</p> <p>F9A7 獵 犬 94.15<br/>K0-6726<br/>≡ 7375 獵<br/>~ 7375 FE00</p> <p>F9A8 令 人 9.3<br/>K0-6729<br/>≡ 4EE4 令<br/>~ 4EE4 FE00</p> <p>F9A9 囧 口 31.5<br/>K0-672A<br/>≡ 56F9 囧<br/>~ 56F9 FE00</p> <p>F9AA 寧 宀 40.11<br/>K0-672C<br/>≡ 5BE7 寧<br/>~ 5BE7 FE01</p> <p>F9AB 嶺 山 46.14<br/>K0-672D<br/>≡ 5DBA 嶺<br/>~ 5DBA FE00</p> <p>F9AC 伶 心 61.5<br/>K0-6730<br/>≡ 601C 伶<br/>~ 601C FE00</p> <p>F9AD 玲 玉 96.5<br/>K0-673F<br/>≡ 73B2 玲<br/>~ 73B2 FE00</p> <p>F9AE 瑩 玉 96.10<br/>K0-6741<br/>≡ 7469 瑩<br/>~ 7469 FE00</p> <p>F9AF 羚 羊 123.5<br/>K0-6746<br/>≡ 7F9A 羚<br/>~ 7F9A FE00</p> <p>F9B0 聆 耳 128.5<br/>K0-6747<br/>≡ 8046 聆<br/>~ 8046 FE00</p> |
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| <p><b>F9B1</b><br/>金 167.5 鈴<br/>K0-674B<br/>≡ 9234 鈴<br/>~ 9234 FE00</p> <p><b>F9B2</b><br/>雨 173.5 零<br/>K0-674D<br/>≡ 96F6 零<br/>~ 96F6 FE00</p> <p><b>F9B3</b><br/>雨 173.16 靈<br/>K0-674F<br/>≡ 9748 靈<br/>~ 9748 FE00</p> <p><b>F9B4</b><br/>頁 181.5 領<br/>K0-6750<br/>≡ 9818 領<br/>~ 9818 FE00</p> <p><b>F9B5</b><br/>人 9.6 例<br/>K0-6753<br/>≡ 4F8B 例<br/>~ 4F8B FE00</p> <p><b>F9B6</b><br/>示 113.13 禮<br/>K0-675F<br/>≡ 79AE 禮<br/>~ 79AE FE00</p> <p><b>F9B7</b><br/>酉 164.13 醴<br/>K0-6764<br/>≡ 91B4 醴<br/>~ 91B4 FE00</p> <p><b>F9B8</b><br/>隶 171.9 隸<br/>KU-0F9B8<br/>• a mapping change removed the original KO source<br/>→ 96B7 隸<br/>→ FA2F 隸 cjk compatibility ideograph-FA2F<br/>≡ 96B8 隸<br/>~ 96B8 FE00</p> <p><b>F9B9</b><br/>心 61.8 惡<br/>K0-6777<br/>≡ 60E1 惡<br/>~ 60E1 FE00</p> <p><b>F9BA</b><br/>丿 6.1 了<br/>K0-6867<br/>≡ 4E86 了<br/>~ 4E86 FE00</p> <p><b>F9BB</b><br/>人 9.12 僚<br/>K0-6868<br/>≡ 50DA 僚<br/>~ 50DA FE00</p> | <p><b>F9BC</b><br/>宀 40.12 寮<br/>K0-6870<br/>≡ 5BEE 寮<br/>~ 5BEE FE00</p> <p><b>F9BD</b><br/>尸 44.4 尿<br/>K0-6871<br/>≡ 5C3F 尿<br/>~ 5C3F FE00</p> <p><b>F9BE</b><br/>斗 68.6 料<br/>K0-6877<br/>≡ 6599 料<br/>~ 6599 FE00</p> <p><b>F9BF</b><br/>木 75.11 樂<br/>K0-6879<br/>≡ 6A02 樂<br/>~ 6A02 FE02</p> <p><b>F9C0</b><br/>火 86.12 燎<br/>K0-687B<br/>≡ 71CE 燎<br/>~ 71CE FE00</p> <p><b>F9C1</b><br/>疒 104.12 療<br/>K0-687E<br/>≡ 7642 療<br/>~ 7642 FE00</p> <p><b>F9C2</b><br/>艸 140.11 蓼<br/>K0-6927<br/>≡ 84FC 蓼<br/>~ 84FC FE00</p> <p><b>F9C3</b><br/>辵 162.12 遼<br/>K0-692C<br/>≡ 907C 遼<br/>~ 907C FE00</p> <p><b>F9C4</b><br/>龍 212.0 龍<br/>K0-694C<br/>≡ 9F8D 龍<br/>~ 9F8D FE00</p> <p><b>F9C5</b><br/>日 72.9 暈<br/>K0-6977<br/>≡ 6688 暈<br/>~ 6688 FE00</p> <p><b>F9C6</b><br/>阜 170.4 阮<br/>K0-6A41<br/>≡ 962E 阮<br/>~ 962E FE00</p> <p><b>F9C7</b><br/>刀 18.13 劉<br/>K0-6A65<br/>≡ 5289 劉<br/>~ 5289 FE00</p> | <p><b>F9C8</b><br/>木 75.4 杻<br/>K0-6A74<br/>≡ 677B 杻<br/>~ 677B FE00</p> <p><b>F9C9</b><br/>木 75.5 柳<br/>K0-6A77<br/>≡ 67F3 柳<br/>~ 67F3 FE00</p> <p><b>F9CA</b><br/>水 85.6 流<br/>K0-6A7C<br/>≡ 6D41 流<br/>~ 6D41 FE00</p> <p><b>F9CB</b><br/>水 85.10 溜<br/>K0-6A7E<br/>≡ 6E9C 溜<br/>~ 6E9C FE00</p> <p><b>F9CC</b><br/>玉 96.6 琉<br/>K0-6B24<br/>≡ 7409 琉<br/>~ 7409 FE00</p> <p><b>F9CD</b><br/>田 102.5 留<br/>K0-6B27<br/>≡ 7559 留<br/>~ 7559 FE00</p> <p><b>F9CE</b><br/>石 112.7 硫<br/>K0-6B29<br/>≡ 786B 硫<br/>~ 786B FE00</p> <p><b>F9CF</b><br/>糸 120.4 紐<br/>K0-6B2A<br/>≡ 7D10 紐<br/>~ 7D10 FE00</p> <p><b>F9D0</b><br/>頁 181.10 類 類<br/>J3-7E24 K0-6B3A<br/>≡ 985E 類<br/>~ 985E FE00</p> <p><b>F9D1</b><br/>八 12.2 六<br/>K0-6B3B<br/>≡ 516D 六<br/>~ 516D FE00</p> <p><b>F9D2</b><br/>戈 62.11 戮<br/>K0-6B3D<br/>≡ 622E 戮<br/>~ 622E FE00</p> <p><b>F9D3</b><br/>阜 170.8 陸<br/>K0-6B41<br/>≡ 9678 陸<br/>~ 9678 FE00</p> |
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| <p>F9D4 倫<br/>人 9.8<br/>K0-6B42<br/>≡ 502B 倫<br/>~ 502B FE00</p> <p>F9D5 崙<br/>山 46.8<br/>K0-6B46<br/>≡ 5D19 崙<br/>~ 5D19 FE00</p> <p>F9D6 淪<br/>水 85.8<br/>K0-6B47<br/>≡ 6DEA 淪<br/>~ 6DEA FE00</p> <p>F9D7 輪<br/>車 159.8<br/>K0-6B4C<br/>≡ 8F2A 輪<br/>~ 8F2A FE00</p> <p>F9D8 律<br/>彳 60.6<br/>K0-6B4F<br/>≡ 5F8B 律<br/>~ 5F8B FE00</p> <p>F9D9 慄<br/>心 61.10<br/>K0-6B50<br/>≡ 6144 慄<br/>~ 6144 FE00</p> <p>F9DA 栗<br/>木 75.6<br/>K0-6B51<br/>≡ 6817 栗<br/>~ 6817 FE00</p> <p>F9DB 率<br/>玄 95.6<br/>K0-6B52<br/>≡ 7387 率<br/>~ 7387 FE01</p> <p>F9DC 隆 隆<br/>阜 170.9<br/>J3-7D5D K0-6B58<br/>≡ 9686 隆<br/>~ 9686 FE00</p> <p>F9DD 利<br/>刀 18.5<br/>K0-6C26<br/>≡ 5229 利<br/>~ 5229 FE00</p> <p>F9DE 吏<br/>口 30.3<br/>K0-6C27<br/>≡ 540F 吏<br/>~ 540F FE00</p> <p>F9DF 履<br/>尸 44.12<br/>K0-6C2A<br/>≡ 5C65 履<br/>~ 5C65 FE00</p> | <p>F9E0 易<br/>日 72.4<br/>K0-6C2F<br/>≡ 6613 易<br/>~ 6613 FE00</p> <p>F9E1 李<br/>木 75.3<br/>K0-6C30<br/>≡ 674E 李<br/>~ 674E FE00</p> <p>F9E2 梨<br/>木 75.7<br/>K0-6C31<br/>≡ 68A8 梨<br/>~ 68A8 FE00</p> <p>F9E3 泥<br/>水 85.5<br/>K0-6C32<br/>≡ 6CE5 泥<br/>~ 6CE5 FE00</p> <p>F9E4 理<br/>玉 96.7<br/>K0-6C35<br/>≡ 7406 理<br/>~ 7406 FE00</p> <p>F9E5 痢<br/>疒 104.7<br/>K0-6C38<br/>≡ 75E2 痢<br/>~ 75E2 FE00</p> <p>F9E6 罹<br/>网 122.11<br/>K0-6C3A<br/>≡ 7F79 罹<br/>~ 7F79 FE00</p> <p>F9E7 裏 裏<br/>衣 145.7<br/>GU-0F9E7 K0-6C40<br/>≡ 88CF 裏<br/>~ 88CF FE00</p> <p>F9E8 裡<br/>衣 145.7<br/>K0-6C41<br/>≡ 88E1 裡<br/>~ 88E1 FE00</p> <p>F9E9 里<br/>里 166.0<br/>K0-6C45<br/>≡ 91CC 里<br/>~ 91CC FE00</p> <p>F9EA 離<br/>隹 172.11<br/>K0-6C46<br/>≡ 96E2 離<br/>~ 96E2 FE00</p> <p>F9EB 匿<br/>匚 23.9<br/>K0-6C49<br/>≡ 533F 匿<br/>~ 533F FE00</p> | <p>F9EC 溺<br/>水 85.10<br/>K0-6C4A<br/>≡ 6EBA 溺<br/>~ 6EBA FE00</p> <p>F9ED 吝<br/>口 30.4<br/>K0-6C55<br/>≡ 541D 吝<br/>~ 541D FE00</p> <p>F9EE 燐<br/>火 86.12<br/>K0-6C5D<br/>≡ 71D0 燐<br/>~ 71D0 FE00</p> <p>F9EF 璘<br/>玉 96.12<br/>K0-6C5E<br/>≡ 7498 璘<br/>~ 7498 FE00</p> <p>F9F0 藺<br/>艸 140.16<br/>K0-6C61<br/>≡ 85FA 藺<br/>~ 85FA FE00</p> <p>F9F1 隣 隣<br/>阜 170.12<br/>GU-0F9F1 K0-6C64<br/>≡ 96A3 隣<br/>~ 96A3 FE00</p> <p>F9F2 鱗<br/>魚 195.12<br/>K0-6C67<br/>≡ 9C57 鱗<br/>~ 9C57 FE00</p> <p>F9F3 麟<br/>鹿 198.12<br/>K0-6C68<br/>≡ 9E9F 麟<br/>~ 9E9F FE00</p> <p>F9F4 林<br/>木 75.4<br/>K0-6C77<br/>≡ 6797 林<br/>~ 6797 FE00</p> <p>F9F5 淋<br/>水 85.8<br/>K0-6C78<br/>≡ 6DCB 淋<br/>~ 6DCB FE00</p> <p>F9F6 臨<br/>臣 131.11<br/>K0-6C7A<br/>≡ 81E8 臨<br/>~ 81E8 FE00</p> <p>F9F7 立<br/>立 117.0<br/>K0-6D21<br/>≡ 7ACB 立<br/>~ 7ACB FE00</p> |
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| <p>F9F8 笠 竹 118.5<br/>K0-6D22<br/>≡ 7B20 笠<br/>~ 7B20 FE00</p> <p>F9F9 粒 米 119.5<br/>K0-6D23<br/>≡ 7C92 粒<br/>~ 7C92 FE00</p> <p>F9FA 狀 犬 94.4<br/>K0-6D6E<br/>≡ 72C0 狀<br/>~ 72C0 FE00</p> <p>F9FB 炙 火 86.4<br/>K0-6E5B<br/>≡ 7099 炙<br/>~ 7099 FE00</p> <p>F9FC 識 言 149.12<br/>K0-723D<br/>≡ 8B58 識<br/>~ 8B58 FE00</p> <p>F9FD 什 人 9.2<br/>K0-727A<br/>≡ 4EC0 什<br/>~ 4EC0 FE00</p> <p>F9FE 茶 艸 140.6<br/>K0-7331<br/>≡ 8336 茶<br/>~ 8336 FE00</p> <p>F9FF 刺 刀 18.6<br/>K0-7427<br/>≡ 523A 刺<br/>~ 523A FE00</p> <p>FA00 切 刀 18.2<br/>K0-746E<br/>≡ 5207 切<br/>~ 5207 FE00</p> <p>FA01 度 广 53.6<br/>K0-7674<br/>≡ 5EA6 度<br/>~ 5EA6 FE00</p> <p>FA02 拓 手 64.5<br/>K0-7676<br/>≡ 62D3 拓<br/>~ 62D3 FE00</p> <p>FA03 糖 米 119.10<br/>K0-7738<br/>≡ 7CD6 糖<br/>~ 7CD6 FE00</p> | <p>FA04 宅 宀 40.3<br/>K0-7748<br/>≡ 5B85 宅<br/>~ 5B85 FE00</p> <p>FA05 洞 水 85.6<br/>K0-7753<br/>≡ 6D1E 洞<br/>~ 6D1E FE00</p> <p>FA06 暴 日 72.11<br/>K0-785B<br/>≡ 66B4 暴<br/>~ 66B4 FE00</p> <p>FA07 輻 車 159.9<br/>K0-7870<br/>≡ 8F3B 輻<br/>~ 8F3B FE00</p> <p>FA08 行 行 144.0<br/>K0-7A21<br/>≡ 884C 行<br/>~ 884C FE00</p> <p>FA09 降 阜 170.6<br/>K0-7A22<br/>≡ 964D 降<br/>~ 964D FE00</p> <p>FA0A 見 見 147.0<br/>K0-7A66<br/>≡ 898B 見<br/>~ 898B FE00</p> <p>FA0B 廓 广 53.11<br/>K0-7C29<br/>≡ 5ED3 廓<br/>~ 5ED3 FE00</p> <p><b>Duplicate characters from Big 5</b></p> <p>FA0C 兀 兀 兀 儿 10.1<br/>GU-0FA0C HB2-C94A UTC-00915<br/>≡ 5140 兀<br/>~ 5140 FE00</p> <p>FA0D 殼 殼 殼 口 30.10<br/>GU-0FA0D HB2-DDFC UTC-00916<br/>≡ 55C0 殼<br/>~ 55C0 FE00</p> <p><b>The IBM 32 compatibility ideographs</b></p> <p><i>This section contains twelve characters that are CJK unified ideographs. Each CJK unified ideograph is annotated as such.</i></p> <p>FA0E 雙 雙 又 29.11<br/>GU-0FA0E UTC-00843<br/>• a CJK unified ideograph</p> | <p>FA0F 塔 塔 塔 土 32.7<br/>GU-0FA0F J3-2F4B V0-3446</p> <p>UTC-00844<br/>• a CJK unified ideograph</p> <p>FA10 塚 塚 土 32.10<br/>J3-2F57 UTC-00917<br/>≡ 585A 塚<br/>~ 585A FE00</p> <p>FA11 崎 崎 崎 山 46.9<br/>GU-0FA11 J3-4F72 UTC-00845<br/>• a CJK unified ideograph</p> <p>FA12 晴 日 72.8<br/>UTC-00918<br/>≡ 6674 晴<br/>~ 6674 FE00</p> <p>FA13 梔 梔 梔 木 75.9<br/>GU-0FA13 J4-2E79 UTC-00846<br/>• a CJK unified ideograph</p> <p>FA14 榉 榉 榉 木 75.10<br/>GU-0FA14 J3-757A UTC-00847<br/>• a CJK unified ideograph</p> <p>FA15 漚 漚 彡 15.14<br/>J3-775A UTC-00919<br/>≡ 51DE 漚<br/>~ 51DE FE00</p> <p>FA16 猪 猪 犬 94.8<br/>J3-776F UTC-00920<br/>≡ 732A 猪<br/>~ 732A FE00</p> <p>FA17 益 皿 108.5<br/>UTC-00921<br/>≡ 76CA 益<br/>~ 76CA FE00</p> <p>FA18 礼 礼 示 113.1<br/>GU-0FA18 UTC-00922<br/>≡ 793C 礼<br/>~ 793C FE00</p> <p>FA19 神 神 示 113.5<br/>J3-793C UTC-00923<br/>≡ 795E 神<br/>~ 795E FE00</p> <p>FA1A 祥 祥 示 113.6<br/>J3-793D UTC-00924<br/>≡ 7965 祥<br/>~ 7965 FE00</p> <p>FA1B 福 福 示 113.9<br/>J3-7941 UTC-00925<br/>≡ 798F 福<br/>~ 798F FE00</p> |
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| <p>FA1C 青 174.5 靖<br/>UTC-00926<br/>≡ 9756 靖<br/>~ 9756 FE00</p> <p>FA1D 米 119.8 精<br/>UTC-00927<br/>≡ 7CBE 精<br/>~ 7CBE FE00</p> <p>FA1E 羽 124.0 羽<br/>UTC-00928<br/>≡ 7FBD 羽<br/>~ 7FBD FE00</p> <p>FA1F 艸 140.13 藹 藹 藹<br/>GU-0FA1F JA3-7B3A UTC-00848<br/>• a CJK unified ideograph</p> <p>FA20 艸 140.17 藴 藴 藴<br/>GU-0FA20 J4-7738 UTC-00929<br/>≡ 8612 藴<br/>~ 8612 FE00</p> <p>FA21 虫 142.5 蛀 蛀 蛀<br/>GU-0FA21 J4-7745 V0-4279<br/>蛀<br/>UTC-00849<br/>• a CJK unified ideograph</p> <p>FA22 言 149.9 諸 諸<br/>J3-7C2E UTC-00930<br/>≡ 8AF8 諸<br/>~ 8AF8 FE00</p> <p>FA23 走 156.4 赳 赳 赳<br/>GU-0FA23 JA-2728 UTC-00850<br/>• a CJK unified ideograph</p> <p>FA24 辵 162.4 返 返 返<br/>GU-0FA24 J4-796E V0-434E<br/>返<br/>UTC-00851<br/>• a CJK unified ideograph</p> <p>FA25 辵 162.8 逸<br/>UTC-00931<br/>≡ 9038 逸<br/>9038 FE00</p> <p>FA26 邑 163.9 都 都<br/>J3-7C6A UTC-00932<br/>≡ 90FD 都<br/>~ 90FD FE00</p> <p>FA27 金 167.7 銈 銈<br/>GU-0FA27 UTC-00852<br/>• a CJK unified ideograph</p> | <p>FA28 金 167.8 銍 銍 銍<br/>GU-0FA28 TF-584C UTC-00853<br/>• a CJK unified ideograph</p> <p>FA29 阜 170.10 隄 隄<br/>GU-0FA29 UTC-00854<br/>• a CJK unified ideograph</p> <p>FA2A 食 184.4 飯<br/>UTC-00933<br/>≡ 98EF 飯<br/>~ 98EF FE00</p> <p>FA2B 食 184.5 飼<br/>UTC-00934<br/>≡ 98FC 飼<br/>~ 98FC FE00</p> <p>FA2C 食 184.8 館<br/>UTC-00935<br/>≡ 9928 館<br/>~ 9928 FE00</p> <p>FA2D 鳥 196.10 鶴<br/>UTC-00936<br/>≡ 9DB4 鶴<br/>~ 9DB4 FE00</p> <p><b>Korean compatibility ideographs</b></p> <p>FA2E 邑 163.7 郎<br/>K0-522B<br/>≡ 90DE 郎<br/>~ 90DE FE00</p> <p>FA2F 隶 171.8 隸<br/>K0-6766<br/>≡ 96B7 隸<br/>~ 96B7 FE00</p> <p><b>JIS X 0213 compatibility ideographs</b></p> <p>FA30 人 9.7 侮<br/>J3-2E38<br/>≡ 4FAE 侮<br/>~ 4FAE FE00</p> <p>FA31 人 9.12 僧<br/>J3-2E49<br/>≡ 50E7 僧<br/>~ 50E7 FE00</p> <p>FA32 儿 10.6 免<br/>J3-2E50<br/>≡ 514D 免<br/>~ 514D FE00</p> <p>FA33 力 19.7 勉<br/>J3-2E63<br/>≡ 52C9 勉<br/>~ 52C9 FE00</p> | <p>FA34 力 19.11 勤<br/>J3-2E68<br/>≡ 52E4 勤<br/>~ 52E4 FE00</p> <p>FA35 十 24.6 卑<br/>J3-2E6E<br/>≡ 5351 卑<br/>~ 5351 FE00</p> <p>FA36 口 30.9 喝<br/>J3-2F2C<br/>≡ 559D 喝<br/>~ 559D FE00</p> <p>FA37 口 30.11 嘆<br/>J3-2F2F<br/>≡ 5606 嘆<br/>~ 5606 FE00</p> <p>FA38 口 30.13 器<br/>J3-2F36<br/>≡ 5668 器<br/>~ 5668 FE00</p> <p>FA39 土 32.9 塀<br/>J3-2F5A<br/>≡ 5840 塀<br/>~ 5840 FE00</p> <p>FA3A 土 32.12 墨<br/>J3-2F5E<br/>≡ 58A8 墨<br/>~ 58A8 FE00</p> <p>FA3B 尸 44.12 層<br/>J3-4F61<br/>≡ 5C64 層<br/>~ 5C64 FE00</p> <p>FA3C 巾 45.0 巾<br/>J3-4F62<br/>≡ 5C6E 巾<br/>~ 5C6E FE00</p> <p>FA3D 心 61.7 悔<br/>J3-7450<br/>≡ 6094 悔<br/>~ 6094 FE00</p> <p>FA3E 心 61.9 慨<br/>J3-745C<br/>≡ 6168 慨<br/>~ 6168 FE00</p> <p>FA3F 心 61.12 憎<br/>J3-745E<br/>≡ 618E 憎<br/>~ 618E FE00</p> |
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| <p>FA40 懲<br/>心 61.15<br/>J3-7461<br/>≡ 61F2 懲<br/>~ 61F2 FE00</p> <p>FA41 敏<br/>支 66.7<br/>J3-7528<br/>≡ 654F 敏<br/>~ 654F FE00</p> <p>FA42 既<br/>无 71.5<br/>J3-752B<br/>≡ 65E2 既<br/>~ 65E2 FE00</p> <p>FA43 暑<br/>日 72.8<br/>J3-7543<br/>≡ 6691 暑<br/>~ 6691 FE00</p> <p>FA44 梅<br/>木 75.7<br/>J3-7565<br/>≡ 6885 梅<br/>~ 6885 FE00</p> <p>FA45 海<br/>水 85.7<br/>J3-7669<br/>≡ 6D77 海<br/>~ 6D77 FE00</p> <p>FA46 渚<br/>水 85.8<br/>J3-7677<br/>≡ 6E1A 渚<br/>~ 6E1A FE00</p> <p>FA47 漢<br/>水 85.11<br/>J3-7725<br/>≡ 6F22 漢<br/>~ 6F22 FE00</p> <p>FA48 煮<br/>火 86.8<br/>J3-7755<br/>≡ 716E 煮<br/>~ 716E FE00</p> <p>FA49 𠂔<br/>爪 87.0<br/>J4-7029<br/>≡ 722B 𠂔<br/>~ 722B FE00</p> <p>FA4A 琢<br/>玉 96.8<br/>J3-7825<br/>≡ 7422 琢<br/>~ 7422 FE00</p> <p>FA4B 碑<br/>石 112.8<br/>J3-7927<br/>≡ 7891 碑<br/>~ 7891 FE00</p> | <p>FA4C 社<br/>示 113.3<br/>J3-7933<br/>≡ 793E 社<br/>~ 793E FE00</p> <p>FA4D 祉<br/>示 113.4<br/>J3-7934<br/>≡ 7949 祉<br/>~ 7949 FE00</p> <p>FA4E 祈<br/>示 113.4<br/>J3-7937<br/>≡ 7948 祈<br/>~ 7948 FE00</p> <p>FA4F 祐<br/>示 113.5<br/>J3-7938<br/>≡ 7950 祐<br/>~ 7950 FE00</p> <p>FA50 祖<br/>示 113.5<br/>J3-7939<br/>≡ 7956 祖<br/>~ 7956 FE00</p> <p>FA51 祝<br/>示 113.5<br/>J3-793B<br/>≡ 795D 祝<br/>~ 795D FE00</p> <p>FA52 禍<br/>示 113.9<br/>J3-793F<br/>≡ 798D 禍<br/>~ 798D FE00</p> <p>FA53 禎<br/>示 113.9<br/>J3-7940<br/>≡ 798E 禎<br/>~ 798E FE00</p> <p>FA54 穀<br/>禾 115.10<br/>J3-794D<br/>≡ 7A40 穀<br/>~ 7A40 FE00</p> <p>FA55 突<br/>穴 116.4<br/>J3-7951<br/>≡ 7A81 突<br/>~ 7A81 FE00</p> <p>FA56 節<br/>竹 118.7<br/>J3-7964<br/>≡ 7BC0 節<br/>~ 7BC0 FE00</p> <p>FA57 練<br/>糸 120.9<br/>J3-7A2E<br/>≡ 7DF4 練<br/>~ 7DF4 FE01</p> | <p>FA58 縉<br/>糸 120.10<br/>J4-7450<br/>≡ 7E09 縉<br/>~ 7E09 FE00</p> <p>FA59 繁<br/>糸 120.11<br/>J3-7A33<br/>≡ 7E41 繁<br/>~ 7E41 FE00</p> <p>FA5A 署<br/>网 122.8<br/>J3-7A3A<br/>≡ 7F72 署<br/>~ 7F72 FE00</p> <p>FA5B 者<br/>老 125.4<br/>J3-7A44<br/>≡ 8005 者<br/>~ 8005 FE00</p> <p>FA5C 臭<br/>自 132.4<br/>J3-7A58<br/>≡ 81ED 臭<br/>~ 81ED FE00</p> <p>FA5D 𠂔<br/>艸 140.0<br/>J4-7574<br/>≡ 8279 𠂔<br/>~ 8279 FE00</p> <p>FA5E 𠂔<br/>艸 140.0<br/>J4-7575<br/>≡ 8279 𠂔<br/>~ 8279 FE01</p> <p>FA5F 著<br/>艸 140.8<br/>J3-7B27<br/>≡ 8457 著<br/>~ 8457 FE00</p> <p>FA60 褐<br/>衣 145.9<br/>J3-7B6F<br/>≡ 8910 褐<br/>~ 8910 FE00</p> <p>FA61 視<br/>見 147.4<br/>J3-7B79<br/>≡ 8996 視<br/>~ 8996 FE00</p> <p>FA62 謁<br/>言 149.9<br/>J3-7C2F<br/>≡ 8B01 謁<br/>~ 8B01 FE00</p> <p>FA63 謹<br/>言 149.11<br/>J3-7C30<br/>≡ 8B39 謹<br/>~ 8B39 FE00</p> |
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| <p>FA64<br/>貝 154.7<br/>賓<br/>J3-7C38<br/>≡ 8CD3 賓<br/>~ 8CD3 FE00</p> <p>FA65<br/>貝 154.12<br/>贈<br/>J3-7C3D<br/>≡ 8D08 贈<br/>~ 8D08 FE00</p> <p>FA66<br/>辵 162.0<br/>𨔵<br/>J4-7969<br/>≡ 8FB6 𨔵<br/>~ 8FB6 FE00</p> <p>FA67<br/>辵 162.8<br/>逸<br/>J3-7C59<br/>≡ 9038 逸<br/>~ 9038 FE01</p> <p>FA68<br/>隹 172.11<br/>難<br/>J3-7D63<br/>≡ 96E3 難<br/>~ 96E3 FE00</p> <p>FA69<br/>音 180.11<br/>響<br/>J3-7D76<br/>≡ 97FF 響<br/>~ 97FF FE00</p> <p>FA6A<br/>頁 181.7<br/>頻<br/>J3-7D7B<br/>≡ 983B 頻<br/>~ 983B FE00</p> <p><b>ARIB compatibility ideographs</b></p> <p>FA6B<br/>心 61.7<br/>惇<br/>JARIB-7547<br/>≡ 6075 惇<br/>~ 6075 FE00</p> <p>FA6C<br/>火 86.10<br/>熙<br/>JARIB-7563<br/>≡ 242EE 熙<br/>~ 242EE FE00</p> <p>FA6D<br/>口 30.13<br/>館<br/>JARIB-7628<br/>≡ 8218 館<br/>~ 8218 FE00</p> <p><b>DPRK compatibility ideographs</b></p> <p>FA70<br/>一 1.7<br/>並<br/>KP1-341D<br/>≡ 4E26 並<br/>~ 4E26 FE00</p> <p>FA71<br/>冫 15.5<br/>況<br/>KP1-347E<br/>≡ 51B5 況<br/>~ 51B5 FE00</p> | <p>FA72<br/>入 11.4<br/>全<br/>KP1-34D0<br/>≡ 5168 全<br/>~ 5168 FE00</p> <p>FA73<br/>人 9.6<br/>倂<br/>KP1-35DE<br/>≡ 4F80 倂<br/>~ 4F80 FE00</p> <p>FA74<br/>儿 10.4<br/>充<br/>KP1-3714<br/>≡ 5145 充<br/>~ 5145 FE00</p> <p>FA75<br/>八 12.14<br/>冀<br/>KP1-3740<br/>≡ 5180 冀<br/>~ 5180 FE00</p> <p>FA76<br/>力 19.7<br/>勇<br/>KP1-383E<br/>≡ 52C7 勇<br/>~ 52C7 FE00</p> <p>FA77<br/>勹 20.1<br/>勺<br/>KP1-3862<br/>≡ 52FA 勺<br/>~ 52FA FE00</p> <p>FA78<br/>口 30.9<br/>喝<br/>KP1-39E5<br/>≡ 559D 喝<br/>~ 559D FE01</p> <p>FA79<br/>口 30.8<br/>啍<br/>KP1-39EF<br/>≡ 5555 啍<br/>~ 5555 FE00</p> <p>FA7A<br/>口 30.9<br/>喙<br/>KP1-3A42<br/>≡ 5599 喙<br/>~ 5599 FE00</p> <p>FA7B<br/>口 30.10<br/>嗔<br/>KP1-3A48<br/>≡ 55E2 嗔<br/>~ 55E2 FE00</p> <p>FA7C<br/>土 32.10<br/>塚<br/>KP1-3BEE<br/>≡ 585A 塚<br/>~ 585A FE01</p> <p>FA7D<br/>土 32.12<br/>墳<br/>KP1-3C51<br/>≡ 58B3 墳<br/>~ 58B3 FE00</p> | <p>FA7E<br/>大 37.5<br/>奄<br/>KP1-3CAF<br/>≡ 5944 奄<br/>~ 5944 FE00</p> <p>FA7F<br/>大 37.6<br/>奔<br/>KP1-3CB2<br/>≡ 5954 奔<br/>~ 5954 FE00</p> <p>FA80<br/>女 38.8<br/>婢<br/>KP1-3D45<br/>≡ 5A62 婢<br/>~ 5A62 FE00</p> <p>FA81<br/>女 38.14<br/>嫵<br/>KP1-3DFC<br/>≡ 5B28 嫵<br/>~ 5B28 FE00</p> <p>FA82<br/>广 53.11<br/>廠<br/>KP1-414E<br/>≡ 5ED2 廠<br/>~ 5ED2 FE00</p> <p>FA83<br/>广 53.12<br/>廩<br/>KP1-416B<br/>≡ 5ED9 廩<br/>~ 5ED9 FE00</p> <p>FA84<br/>彡 59.8<br/>彩<br/>KP1-41FB<br/>≡ 5F69 彩<br/>~ 5F69 FE00</p> <p>FA85<br/>彳 60.10<br/>徯<br/>KP1-4244<br/>≡ 5FAD 徯<br/>~ 5FAD FE00</p> <p>FA86<br/>心 61.8<br/>惘<br/>KP1-4348<br/>≡ 60D8 惘<br/>~ 60D8 FE00</p> <p>FA87<br/>心 61.10<br/>慎<br/>KP1-437E<br/>≡ 614E 慎<br/>~ 614E FE00</p> <p>FA88<br/>心 61.9<br/>愈<br/>KP1-4399<br/>≡ 6108 愈<br/>~ 6108 FE00</p> <p>FA89<br/>心 61.12<br/>憎<br/>KP1-43FF<br/>≡ 618E 憎<br/>~ 618E FE01</p> |
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| <p><b>FA8A</b><br/>心 61.11<br/>傲<br/>KP1-4410<br/>≡ 6160 傲<br/>~ 6160 FE00</p> | <p><b>FA96</b><br/>攴 79.7<br/>殺<br/>KP1-4FA9<br/>≡ 6BBA 殺<br/>~ 6BBA FE01</p>   | <p><b>FAA2</b><br/>瓦 98.9<br/>甃<br/>KP1-5A5D<br/>≡ 7506 甃<br/>~ 7506 FE00</p>   |
| <p><b>FA8B</b><br/>心 61.15<br/>懲<br/>KP1-4486<br/>≡ 61F2 懲<br/>~ 61F2 FE01</p> | <p><b>FA97</b><br/>水 85.6<br/>流<br/>KP1-5128<br/>≡ 6D41 流<br/>~ 6D41 FE01</p>   | <p><b>FAA3</b><br/>田 102.3<br/>画<br/>KP1-5ABB<br/>≡ 753B 画<br/>~ 753B FE00</p>  |
| <p><b>FA8C</b><br/>戈 62.13<br/>戴<br/>KP1-4505<br/>≡ 6234 戴<br/>~ 6234 FE00</p> | <p><b>FA98</b><br/>水 85.10<br/>淫<br/>KP1-5281<br/>≡ 6EDB 淫<br/>~ 6EDB FE00</p>  | <p><b>FAA4</b><br/>疒 104.10<br/>瘰<br/>KP1-5BF5<br/>≡ 761D 瘰<br/>~ 761D FE00</p> |
| <p><b>FA8D</b><br/>手 64.9<br/>揄<br/>KP1-469B<br/>≡ 63C4 揄<br/>~ 63C4 FE00</p>  | <p><b>FA99</b><br/>水 85.9<br/>滋<br/>KP1-52B4<br/>≡ 6ECB 滋<br/>~ 6ECB FE00</p>   | <p><b>FAA5</b><br/>疒 104.9<br/>瘟<br/>KP1-5BF9<br/>≡ 761F 瘟<br/>~ 761F FE00</p>  |
| <p><b>FA8E</b><br/>手 64.10<br/>搜<br/>KP1-46C4<br/>≡ 641C 搜<br/>~ 641C FE00</p> | <p><b>FA9A</b><br/>水 85.11<br/>漠<br/>KP1-5336<br/>≡ 6F22 漠<br/>~ 6F22 FE01</p>  | <p><b>FAA6</b><br/>皿 108.5<br/>益<br/>KP1-5D48<br/>≡ 76CA 益<br/>~ 76CA FE01</p>  |
| <p><b>FA8F</b><br/>手 64.9<br/>摒<br/>KP1-46F9<br/>≡ 6452 摒<br/>~ 6452 FE00</p>  | <p><b>FA9B</b><br/>水 85.16<br/>潯<br/>KP1-53FA<br/>≡ 701E 潯<br/>~ 701E FE00</p>  | <p><b>FAA7</b><br/>皿 108.6<br/>盛<br/>KP1-5D5C<br/>≡ 76DB 盛<br/>~ 76DB FE00</p>  |
| <p><b>FA90</b><br/>攴 66.7<br/>敖<br/>KP1-480E<br/>≡ 6556 敖<br/>~ 6556 FE00</p>  | <p><b>FA9C</b><br/>火 86.8<br/>煮<br/>KP1-5559<br/>≡ 716E 煮<br/>~ 716E FE01</p>   | <p><b>FAA8</b><br/>目 109.3<br/>直<br/>KP1-5D91<br/>≡ 76F4 直<br/>~ 76F4 FE00</p>  |
| <p><b>FA91</b><br/>日 72.8<br/>晴<br/>KP1-4994<br/>≡ 6674 晴<br/>~ 6674 FE01</p>  | <p><b>FA9D</b><br/>目 109.12<br/>瞧<br/>KP1-561F<br/>≡ 77A7 瞧<br/>~ 77A7 FE00</p> | <p><b>FAA9</b><br/>目 109.7<br/>睟<br/>KP1-5DF3<br/>≡ 774A 睟<br/>~ 774A FE00</p>  |
| <p><b>FA92</b><br/>月 74.7<br/>朗<br/>KP1-4A42<br/>≡ 6717 朗<br/>~ 6717 FE01</p>  | <p><b>FA9E</b><br/>爪 87.14<br/>爵<br/>KP1-5678<br/>≡ 7235 爵<br/>~ 7235 FE00</p>  | <p><b>FAAA</b><br/>目 109.7<br/>着<br/>KP1-5E08<br/>≡ 7740 着<br/>~ 7740 FE00</p>  |
| <p><b>FA93</b><br/>月 74.7<br/>望<br/>KP1-4A4B<br/>≡ 671B 望<br/>~ 671B FE00</p>  | <p><b>FA9F</b><br/>犬 94.2<br/>犯<br/>KP1-5786<br/>≡ 72AF 犯<br/>~ 72AF FE00</p>   | <p><b>FAAB</b><br/>石 112.10<br/>磧<br/>KP1-6083<br/>≡ 78CC 磧<br/>~ 78CC FE00</p> |
| <p><b>FA94</b><br/>木 75.3<br/>杖<br/>KP1-4ABD<br/>≡ 6756 杖<br/>~ 6756 FE00</p>  | <p><b>FAA0</b><br/>犬 94.8<br/>猪<br/>KP1-57FE<br/>≡ 732A 猪<br/>~ 732A FE01</p>   | <p><b>FAAC</b><br/>穴 116.10<br/>褹<br/>KP1-6330<br/>≡ 7AB1 褹<br/>~ 7AB1 FE00</p> |
| <p><b>FA95</b><br/>歹 78.0<br/>𠂔<br/>KP1-4F27<br/>≡ 6B79 𠂔<br/>~ 6B79 FE00</p>  | <p><b>FAA1</b><br/>玉 96.10<br/>瑱<br/>KP1-597A<br/>≡ 7471 瑱<br/>~ 7471 FE00</p>  | <p><b>FAAD</b><br/>竹 118.7<br/>節<br/>KP1-6435<br/>≡ 7BC0 節<br/>~ 7BC0 FE01</p>  |

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| <p><b>FAAE</b><br/>米 119.3<br/><b>类</b><br/>KP1-659F<br/>≡ 7C7B 类<br/>~ 7C7B FE00</p>  | <p><b>FABA</b><br/>言 149.9<br/><b>諸</b><br/>KP1-769E<br/>≡ 8AF8 諸<br/>~ 8AF8 FE01</p>  | <p><b>FAC6</b><br/>阜 170.9<br/><b>踰</b><br/>KP1-8340<br/>≡ 967C 踰<br/>~ 967C FE00</p>             |
| <p><b>FAAF</b><br/>糸 120.7<br/><b>條</b><br/>KP1-66BA<br/>≡ 7D5B 條<br/>~ 7D5B FE00</p>  | <p><b>FABB</b><br/>言 149.8<br/><b>請</b><br/>KP1-76A4<br/>≡ 8ACB 請<br/>~ 8ACB FE00</p>  | <p><b>FAC7</b><br/>隹 172.11<br/><b>難</b><br/>KP1-8404<br/>≡ 96E3 難<br/>~ 96E3 FE01</p>            |
| <p><b>FAB0</b><br/>糸 120.9<br/><b>練</b><br/>KP1-671B<br/>≡ 7DF4 練<br/>~ 7DF4 FE02</p>  | <p><b>FABC</b><br/>言 149.9<br/><b>謁</b><br/>KP1-76B3<br/>≡ 8B01 謁<br/>~ 8B01 FE01</p>  | <p><b>FAC8</b><br/>青 174.5<br/>立 117.8<br/><b>靖</b><br/>KP1-84E4<br/>≡ 9756 靖<br/>~ 9756 FE01</p> |
| <p><b>FAB1</b><br/>缶 121.6<br/><b>餅</b><br/>KP1-6873<br/>≡ 7F3E 餅<br/>~ 7F3E FE00</p>  | <p><b>FABD</b><br/>言 149.9<br/><b>諾</b><br/>KP1-76C2<br/>≡ 8AFE 諾<br/>~ 8AFE FE01</p>  | <p><b>FAC9</b><br/>韋 178.11<br/><b>輔</b><br/>KP1-862D<br/>≡ 97DB 輔<br/>~ 97DB FE00</p>            |
| <p><b>FAB2</b><br/>老 125.4<br/><b>耆</b><br/>KP1-69B1<br/>≡ 8005 耆<br/>~ 8005 FE01</p>  | <p><b>FABE</b><br/>言 149.9<br/><b>諭</b><br/>KP1-76F1<br/>≡ 8AED 諭<br/>~ 8AED FE00</p>  | <p><b>FACA</b><br/>音 180.11<br/><b>響</b><br/>KP1-866A<br/>≡ 97FF 響<br/>~ 97FF FE01</p>            |
| <p><b>FAB3</b><br/>艸 140.6<br/><b>荒</b><br/>KP1-6DBB<br/>≡ 8352 荒<br/>~ 8352 FE00</p>  | <p><b>FABF</b><br/>言 149.11<br/><b>謹</b><br/>KP1-76FD<br/>≡ 8B39 謹<br/>~ 8B39 FE01</p> | <p><b>FACB</b><br/>頁 181.4<br/><b>頤</b><br/>KP1-869A<br/>≡ 980B 頤<br/>~ 980B FE00</p>             |
| <p><b>FAB4</b><br/>艸 140.8<br/><b>華</b><br/>KP1-6E6C<br/>≡ 83EF 華<br/>~ 83EF FE00</p>  | <p><b>FAC0</b><br/>言 149.16<br/><b>變</b><br/>KP1-77CB<br/>≡ 8B8A 變<br/>~ 8B8A FE00</p> | <p><b>FACC</b><br/>頁 181.7<br/><b>頻</b><br/>KP1-8705<br/>≡ 983B 頻<br/>~ 983B FE01</p>             |
| <p><b>FAB5</b><br/>虫 142.10<br/><b>蜃</b><br/>KP1-7250<br/>≡ 8779 蜃<br/>~ 8779 FE00</p> | <p><b>FAC1</b><br/>貝 154.12<br/><b>贈</b><br/>KP1-7976<br/>≡ 8D08 贈<br/>~ 8D08 FE01</p> | <p><b>FACD</b><br/>髟 190.10<br/><b>鬢</b><br/>KP1-8BAB<br/>≡ 9B12 鬢<br/>~ 9B12 FE00</p>            |
| <p><b>FAB6</b><br/>衣 145.11<br/><b>襴</b><br/>KP1-7451<br/>≡ 8941 襴<br/>~ 8941 FE00</p> | <p><b>FAC2</b><br/>車 159.9<br/><b>輸</b><br/>KP1-7CAE<br/>≡ 8F38 輸<br/>~ 8F38 FE00</p>  | <p><b>FACE</b><br/>龜 213.0<br/><b>龜</b><br/>KP1-927F<br/>≡ 9F9C 龜<br/>~ 9F9C FE02</p>             |
| <p><b>FAB7</b><br/>西 146.12<br/><b>覆</b><br/>KP1-74C8<br/>≡ 8986 覆<br/>~ 8986 FE00</p> | <p><b>FAC3</b><br/>辵 162.12<br/><b>遲</b><br/>KP1-7DF1<br/>≡ 9072 遲<br/>~ 9072 FE00</p> | <p><b>FACF</b><br/>心 61.12<br/><b>慙</b><br/>KP1-441C<br/>≡ 2284A 慙<br/>~ 2284A FE00</p>           |
| <p><b>FAB8</b><br/>示 113.7<br/><b>視</b><br/>KP1-74D4<br/>≡ 8996 視<br/>~ 8996 FE01</p>  | <p><b>FAC4</b><br/>酉 164.10<br/><b>醜</b><br/>KP1-7F3E<br/>≡ 9199 醜<br/>~ 9199 FE00</p> | <p><b>FAD0</b><br/>心 61.12<br/><b>惛</b><br/>KP1-443E<br/>≡ 22844 惛<br/>~ 22844 FE00</p>           |
| <p><b>FAB9</b><br/>言 149.8<br/><b>調</b><br/>KP1-769A<br/>≡ 8ABF 調<br/>~ 8ABF FE00</p>  | <p><b>FAC5</b><br/>金 167.6<br/><b>釧</b><br/>KP1-80CE<br/>≡ 9276 釧<br/>~ 9276 FE00</p>  | <p><b>FAD1</b><br/>木 75.4<br/><b>杢</b><br/>KP1-4B26<br/>≡ 233D5 杢<br/>~ 233D5 FE00</p>            |

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| <b>FAD2</b><br>木 75.9   | <b>櫚</b><br>KP1-4CE2<br>≡ 3B9D 櫚<br>~ 3B9D FE00                                                                                                       |
| <b>FAD3</b><br>目 109.4  | <b>𠄎</b><br>KP1-5DF6<br>≡ 4018 𠄎<br>~ 4018 FE00                                                                                                       |
| <b>FAD4</b><br>目 109.7  | <b>𠄎</b><br>KPU-0FAD4<br>• mapping change removed<br>original source<br>→ 2F949 𠄎 cjk<br>compatibility ideograph-<br>2F949<br>≡ 4039 𠄎<br>~ 4039 FE00 |
| <b>FAD5</b><br>目 109.10 | <b>𠄎</b><br>KP1-5EBB<br>≡ 25249 𠄎<br>~ 25249 FE00                                                                                                     |
| <b>FAD6</b><br>竹 118.12 | <b>𠄎</b><br>KP1-654F<br>≡ 25CD0 𠄎<br>~ 25CD0 FE00                                                                                                     |
| <b>FAD7</b><br>走 156.6  | <b>𠄎</b><br>KP1-7A0A<br>≡ 27ED3 𠄎<br>~ 27ED3 FE00                                                                                                     |
| <b>FAD8</b><br>鼻 209.9  | <b>𠄎</b><br>KP1-91E5<br>≡ 9F43 𠄎<br>~ 9F43 FE00                                                                                                       |
| <b>FAD9</b><br>龍 212.2  | <b>𠄎</b><br>KP1-9273<br>≡ 9F8E 𠄎<br>~ 9F8E FE00                                                                                                       |

|   | FB5       | FB6       | FB7       | FB8       | FB9       | FBA        | FBB       | FBC       | FBD        | FBE        | FBF        | FC0        | FC1        | FC2       | FC3        |
|---|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 0 | أ<br>FB50 | ز<br>FB60 | ق<br>FB70 | ح<br>FB80 | ك<br>FB90 | ط<br>FBA0  | ئ<br>FBB0 | ط<br>FBC0 |            | و<br>FBE0  | ئو<br>FBF0 | بج<br>FC00 | تي<br>FC10 | ص<br>FC20 | فم<br>FC30 |
| 1 | أ<br>FB51 | ذ<br>FB61 | ق<br>FB71 | ح<br>FB81 | ك<br>FB91 | ط<br>FBA1  | ئ<br>FBB1 | ط<br>FBC1 |            | و<br>FBE1  | ئو<br>FBF1 | بج<br>FC01 | تي<br>FC11 | ص<br>FC21 | فم<br>FC31 |
| 2 | ب<br>FB52 | ت<br>FB62 | ج<br>FB72 | د<br>FB82 | گ<br>FB92 | ط<br>FBA2  | ئ<br>FBB2 | م<br>FBC2 |            | و<br>FBE2  | ئو<br>FBF2 | م<br>FC02  | ثم<br>FC12 | ص<br>FC22 | في<br>FC32 |
| 3 | ب<br>FB53 | ت<br>FB63 | ج<br>FB73 | د<br>FB83 | گ<br>FB93 | ط<br>FBA3  | ئ<br>FBB3 |           | ث<br>FBD3  | و<br>FBE3  | ئو<br>FBF3 | ئي<br>FC03 | تي<br>FC13 | ص<br>FC23 | فم<br>FC33 |
| 4 | ب<br>FB54 | ت<br>FB64 | ج<br>FB74 | د<br>FB84 | گ<br>FB94 | ه<br>FBA4  | ئ<br>FBB4 |           | ث<br>FBD4  | و<br>FBE4  | ئو<br>FBF4 | ئي<br>FC04 | تي<br>FC14 | ص<br>FC24 | فم<br>FC34 |
| 5 | ب<br>FB55 | ت<br>FB65 | ج<br>FB75 | د<br>FB85 | گ<br>FB95 | ه<br>FBA5  | ئ<br>FBB5 |           | ث<br>FBD5  | و<br>FBE5  | ئو<br>FBF5 | بج<br>FC05 | ثم<br>FC15 | ص<br>FC25 | في<br>FC35 |
| 6 | ب<br>FB56 | ت<br>FB66 | ج<br>FB76 | د<br>FB86 | گ<br>FB96 | ه<br>FBA6  | ئ<br>FBB6 |           | ث<br>FBD6  | و<br>FBE6  | ئو<br>FBF6 | بج<br>FC06 | ثم<br>FC16 | ص<br>FC26 | في<br>FC36 |
| 7 | ب<br>FB57 | ت<br>FB67 | ج<br>FB77 | د<br>FB87 | گ<br>FB97 | ه<br>FBA7  | ئ<br>FBB7 |           | ث<br>FBD7  | و<br>FBE7  | ئو<br>FBF7 | بج<br>FC07 | ثم<br>FC17 | ص<br>FC27 | في<br>FC37 |
| 8 | ب<br>FB58 | ت<br>FB68 | ج<br>FB78 | د<br>FB88 | گ<br>FB98 | ه<br>FBA8  | ئ<br>FBB8 |           | ث<br>FBD8  | و<br>FBE8  | ئو<br>FBF8 | بج<br>FC08 | ثم<br>FC18 | ص<br>FC28 | في<br>FC38 |
| 9 | ب<br>FB59 | ت<br>FB69 | ج<br>FB79 | د<br>FB89 | گ<br>FB99 | ه<br>FBA9  | ئ<br>FBB9 |           | ث<br>FBD9  | و<br>FBE9  | ئو<br>FBF9 | بج<br>FC09 | ثم<br>FC19 | ص<br>FC29 | في<br>FC39 |
| A | ب<br>FB5A | ت<br>FB6A | ج<br>FB7A | د<br>FB8A | گ<br>FB9A | ه<br>FBAA  | ئ<br>FBBA |           | ث<br>FBD A | و<br>FBEA  | ئو<br>FBFA | بج<br>FC0A | ثم<br>FC1A | ص<br>FC2A | في<br>FC3A |
| B | ب<br>FB5B | ت<br>FB6B | ج<br>FB7B | د<br>FB8B | گ<br>FB9B | ه<br>FBA B | ئ<br>FBBB |           | ث<br>FBD B | و<br>FBE B | ئو<br>FBFB | بج<br>FC0B | ثم<br>FC1B | ص<br>FC2B | في<br>FC3B |
| C | ب<br>FB5C | ت<br>FB6C | ج<br>FB7C | د<br>FB8C | گ<br>FB9C | ه<br>FBAC  | ئ<br>FBBC |           | ث<br>FBD C | و<br>FBE C | ئو<br>FBFC | بج<br>FC0C | ثم<br>FC1C | ص<br>FC2C | في<br>FC3C |
| D | ب<br>FB5D | ت<br>FB6D | ج<br>FB7D | د<br>FB8D | گ<br>FB9D | ه<br>FBAD  | ئ<br>FBBD |           | ث<br>FBD D | و<br>FBE D | ئو<br>FBFD | بج<br>FC0D | ثم<br>FC1D | ص<br>FC2D | في<br>FC3D |
| E | ب<br>FB5E | ت<br>FB6E | ج<br>FB7E | د<br>FB8E | گ<br>FB9E | ه<br>FBAE  | ئ<br>FBBE |           | ث<br>FBD E | و<br>FBE E | ئو<br>FBFE | بج<br>FC0E | ثم<br>FC1E | ص<br>FC2E | في<br>FC3E |
| F | ب<br>FB5F | ت<br>FB6F | ج<br>FB7F | د<br>FB8F | گ<br>FB9F | ه<br>FBAF  | ئ<br>FBBF |           | ث<br>FBD F | و<br>FBE F | ئو<br>FBFF | بج<br>FC0F | ثم<br>FC1F | ص<br>FC2F | في<br>FC3F |

|   | FC4        | FC5        | FC6        | FC7        | FC8        | FC9        | FCA        | FCB       | FCC        | FCD        | FCE       | FCF        | FD0         | FD1         |
|---|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|-----------|------------|-------------|-------------|
| 0 | ح<br>FC40  | ني<br>FC50 | ء<br>FC60  | تر<br>FC70 | كا<br>FC80 | ى<br>FC90  | پ<br>FCA0  | س<br>FCB0 | ف<br>FCC0  | خ<br>FCD0  | ة<br>FCE0 | ت<br>FCF0  | حي<br>FD00  | ضر<br>FD10  |
| 1 | لخ<br>FC41 | هـ<br>FC51 | ئ<br>FC61  | تز<br>FC71 | كل<br>FC81 | ير<br>FC91 | تج<br>FCA1 | ص<br>FCB1 | ف<br>FCC1  | م<br>FCD1  | ب<br>FCE1 | ث<br>FCF1  | جى<br>FD01  | طى<br>FD11  |
| 2 | لم<br>FC42 | هم<br>FC52 | ّ<br>FC62  | تم<br>FC72 | كم<br>FC82 | يز<br>FC92 | تخ<br>FCA2 | ص<br>FCB2 | قا<br>FCC2 | نج<br>FCD2 | ج<br>FCE2 | ا<br>FCF2  | جى<br>FD02  | طى<br>FD12  |
| 3 | لى<br>FC43 | هى<br>FC53 | ة<br>FC63  | تن<br>FC73 | كى<br>FC83 | تم<br>FC93 | تخ<br>FCA3 | ص<br>FCB3 | قه<br>FCC3 | خ<br>FCD3  | ت<br>FCE3 | ا<br>FCF3  | خى<br>FD03  | مى<br>FD13  |
| 4 | لي<br>FC44 | هي<br>FC54 | ئر<br>FC64 | تى<br>FC74 | كي<br>FC84 | ين<br>FC94 | تد<br>FCA4 | ص<br>FCB4 | ك<br>FCC4  | نخ<br>FCD4 | ي<br>FCE4 | ا<br>FCF4  | نخى<br>FD04 | مى<br>FD14  |
| 5 | مج<br>FC45 | يـ<br>FC55 | ئز<br>FC65 | تي<br>FC75 | لم<br>FC85 | يى<br>FC95 | تد<br>FCA5 | ص<br>FCB5 | ك<br>FCC5  | ند<br>FCD5 | ث<br>FCE5 | طى<br>FCF5 | صى<br>FD05  | غى<br>FD15  |
| 6 | مح<br>FC46 | يـ<br>FC56 | ئم<br>FC66 | ثر<br>FC76 | لى<br>FC86 | يى<br>FC96 | ث<br>FCA6  | ص<br>FCB6 | ك<br>FCC6  | ن<br>FCD6  | ث<br>FCE6 | طى<br>FCF6 | صى<br>FD06  | غى<br>FD16  |
| 7 | مخ<br>FC47 | يـ<br>FC57 | ئن<br>FC67 | ثر<br>FC77 | لى<br>FC87 | نج<br>FC97 | تد<br>FCA7 | ص<br>FCB7 | ك<br>FCC7  | ج<br>FCD7  | س<br>FCE7 | ع<br>FCF7  | ضى<br>FD07  | سى<br>FD17  |
| 8 | م<br>FC48  | يم<br>FC58 | ئى<br>FC68 | ثم<br>FC78 | ما<br>FC88 | تد<br>FC98 | تد<br>FCA8 | ص<br>FCB8 | ك<br>FCC8  | ه<br>FCD8  | س<br>FCE8 | ع<br>FCF8  | ضى<br>FD08  | سى<br>FD18  |
| 9 | مى<br>FC49 | يى<br>FC59 | ئى<br>FC69 | ث<br>FC79  | م<br>FC89  | تد<br>FC99 | تد<br>FCA9 | ص<br>FCB9 | ك<br>FCC9  | ه<br>FCD9  | ث<br>FCE9 | غى<br>FCF9 | شج<br>FD09  | شى<br>FD19  |
| A | مي<br>FC4A | يى<br>FC5A | ئر<br>FC6A | ثى<br>FC7A | نر<br>FC8A | ئد<br>FC9A | تد<br>FCAA | ص<br>FCBA | ك<br>FCCA  | ن<br>FCDA  | ث<br>FCEA | غى<br>FCFA | شج<br>FD0A  | شى<br>FD1A  |
| B | نج<br>FC4B | ذ<br>FC5B  | بز<br>FC6B | ثى<br>FC7B | نر<br>FC8B | تد<br>FC9B | تد<br>FCAB | ص<br>FCBB | ك<br>FCCB  | ن<br>FCDB  | ك<br>FCEB | س<br>FCFB  | شج<br>FD0B  | حى<br>FD1B  |
| C | نخ<br>FC4C | ر<br>FC5C  | بم<br>FC6C | فى<br>FC7C | نم<br>FC8C | ن<br>FC9C  | تد<br>FCAC | ص<br>FCBC | ك<br>FCCC  | ن<br>FCDC  | ك<br>FCEC | س<br>FCFC  | شم<br>FD0C  | حى<br>FD1C  |
| D | نخ<br>FC4D | ى<br>FC5D  | بن<br>FC6D | فى<br>FC7D | نن<br>FC8D | ن<br>FC9D  | تد<br>FCAD | ص<br>FCBD | ك<br>FCCD  | ن<br>FCDD  | ل<br>FCEd | شى<br>FCFD | شر<br>FD0D  | حى<br>FD1D  |
| E | نم<br>FC4E | ئ<br>FC5E  | جى<br>FC6E | قى<br>FC7E | نخ<br>FC8E | ن<br>FC9E  | تد<br>FCAE | ص<br>FCBE | ك<br>FCEE  | ن<br>FCDE  | ن<br>FCEE | شى<br>FCFE | سر<br>FD0E  | حى<br>FD1E  |
| F | نى<br>FC4F | ّ<br>FC5F  | جى<br>FC6F | قى<br>FC7F | نخ<br>FC8F | ب<br>FC9F  | تد<br>FCAF | ص<br>FCBF | ك<br>FCCF  | ن<br>FCDF  | ن<br>FCEF | حى<br>FCFF | صر<br>FD0F  | نخى<br>FD1F |

|   | FD2  | FD3  | FD4  | FD5  | FD6  | FD7  | FD8  | FD9  | FDA  | FDB  | FDC  | FDD  | FDE  | FDF   |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 0 | بجي  | ش    | الله | ت    | هـ   | بج   | م    |      | تج   | مي   | ج    |      |      | ص     |
|   | FD20 | FD30 | FD40 | FD50 | FD60 | FD70 | FD80 |      | FDA0 | FDB0 | FDC0 | FDD0 | FDE0 | FDF0  |
| 1 | هي   | هـ   | الله | ت    | بج   | م    |      |      | تج   | مي   | ف    |      |      | ق     |
|   | FD21 | FD31 | FD41 | FD51 | FD61 | FD71 | FD81 |      | FDA1 | FDB1 | FDC1 | FDD1 | FDE1 | FDF1  |
| 2 | هي   | ش    | الله | ت    | هـ   | م    | ل    | بج   | تج   | تقي  | ج    |      |      | الله  |
|   | FD22 | FD32 | FD42 | FD52 | FD62 | FD72 | FD82 | FD92 | FDA2 | FDB2 | FDC2 | FDD2 | FDE2 | FDF2  |
| 3 | ضي   | م    | الله | ت    | هـ   | م    | بج   | بج   | تي   | نجي  | م    |      |      | أكبر  |
|   | FD23 | FD33 | FD43 | FD53 | FD63 | FD73 | FD83 | FD93 | FDA3 | FDB3 | FDC3 | FDD3 | FDE3 | FDF3  |
| 4 | ضي   | ج    | الله | ت    | م    | م    | بج   | هـ   | تي   | م    | بج   |      |      | محمد  |
|   | FD24 | FD34 | FD44 | FD54 | FD64 | FD74 | FD84 | FD94 | FDA4 | FDB4 | FDC4 | FDD4 | FDE4 | FDF4  |
| 5 | بج   | م    | الله | ت    | م    | م    | م    | بج   | ج    | م    | م    |      |      | صلم   |
|   | FD25 | FD35 | FD45 | FD55 | FD65 | FD75 | FD85 | FD95 | FDA5 | FDB5 | FDC5 | FDD5 | FDE5 | FDF5  |
| 6 | شم   | بج   | الله | ت    | م    | م    | بج   | نجي  | م    | م    | بج   |      |      | رسول  |
|   | FD26 | FD36 | FD46 | FD56 | FD66 | FD76 | FD86 | FD96 | FDA6 | FDB6 | FDC6 | FDD6 | FDE6 | FDF6  |
| 7 | بج   | بج   | الله | ت    | م    | م    | م    | بج   | ج    | م    | نجي  |      |      | عليه  |
|   | FD27 | FD37 | FD47 | FD57 | FD67 | FD77 | FD87 | FD97 | FDA7 | FDB7 | FDC7 | FDD7 | FDE7 | FDF7  |
| 8 | شم   | ش    | الله | بج   | بج   | م    | م    | بج   | بج   | بج   |      |      |      | وسلم  |
|   | FD28 | FD38 | FD48 | FD58 | FD68 | FD78 | FD88 | FD98 | FDA8 | FDB8 |      | FDD8 | FDE8 | FDF8  |
| 9 | شر   | بج   | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | صلى   |
|   | FD29 | FD39 | FD49 | FD59 | FD69 | FD79 | FD89 | FD99 | FDA9 | FDB9 |      | FDD9 | FDE9 | FDF9  |
| A | سر   | م    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | صلوات |
|   | FD2A | FD3A | FD4A | FD5A | FD6A | FD7A | FD8A | FD9A | FDAA | FDBA |      | FDDA | FDEA | FDFa  |
| B | صر   | ظ    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | جلا   |
|   | FD2B | FD3B | FD4B | FD5B | FD6B | FD7B | FD8B | FD9B | FDAb | FDBb |      | FDDb | FDEb | FDFb  |
| C | ضر   | م    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | ريال  |
|   | FD2C | FD3C | FD4C | FD5C | FD6C | FD7C | FD8C | FD9C | FDAc | FDBc |      | FDDc | FDEc | FDFc  |
| D | بج   | ا    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | الله  |
|   | FD2D | FD3D | FD4D | FD5D | FD6D | FD7D | FD8D | FD9D | FDAd | FDBd |      | FDDd | FDEd | FDFd  |
| E | ش    | م    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   |      |      |      | الله  |
|   | FD2E | FD3E | FD4E | FD5E | FD6E | FD7E | FD8E | FD9E | FDAe | FDBe |      | FDDE | FDEe | FDFe  |
| F | بج   | م    | الله | بج   | بج   | بج   | بج   | بج   | بج   | بج   | الله |      |      | الله  |
|   | FD2F | FD3F | FD4F | FD5F | FD6F | FD7F | FD8F | FD9F | FDAf | FDBf | FDCf | FDDf | FDEf | FDFf  |

Preferred characters are found in the Arabic block 0600-06FF.  
This block also contains 32 noncharacters in the range FDD0-FDEF.

**Glyphs for contextual forms of letters for Persian, Urdu, Sindhi, etc.**

|      |   |                                                               |
|------|---|---------------------------------------------------------------|
| FB50 | آ | ARABIC LETTER ALEF WASLA ISOLATED FORM<br>≈ <isolated> 0671 آ |
| FB51 | ﺀ | ARABIC LETTER ALEF WASLA FINAL FORM<br>≈ <final> 0671 ﺀ       |
| FB52 | ب | ARABIC LETTER BEEH ISOLATED FORM<br>≈ <isolated> 067B ب       |
| FB53 | ﺐ | ARABIC LETTER BEEH FINAL FORM<br>≈ <final> 067B ﺐ             |
| FB54 | ﺑ | ARABIC LETTER BEEH INITIAL FORM<br>≈ <initial> 067B ﺑ         |
| FB55 | ﺒ | ARABIC LETTER BEEH MEDIAL FORM<br>≈ <medial> 067B ﺒ           |
| FB56 | پ | ARABIC LETTER PEH ISOLATED FORM<br>≈ <isolated> 067E پ        |
| FB57 | ﭗ | ARABIC LETTER PEH FINAL FORM<br>≈ <final> 067E ﭗ              |
| FB58 | ﭘ | ARABIC LETTER PEH INITIAL FORM<br>≈ <initial> 067E ﭘ          |
| FB59 | ﭖ | ARABIC LETTER PEH MEDIAL FORM<br>≈ <medial> 067E ﭖ            |
| FB5A | ﺐ | ARABIC LETTER BEHEH ISOLATED FORM<br>≈ <isolated> 0680 ﺐ      |
| FB5B | ﺒ | ARABIC LETTER BEHEH FINAL FORM<br>≈ <final> 0680 ﺒ            |
| FB5C | ﺑ | ARABIC LETTER BEHEH INITIAL FORM<br>≈ <initial> 0680 ﺑ        |
| FB5D | ﺒ | ARABIC LETTER BEHEH MEDIAL FORM<br>≈ <medial> 0680 ﺒ          |
| FB5E | ﺖ | ARABIC LETTER TTEHEH ISOLATED FORM<br>≈ <isolated> 067A ﺖ     |
| FB5F | ﺘ | ARABIC LETTER TTEHEH FINAL FORM<br>≈ <final> 067A ﺘ           |
| FB60 | ﺕ | ARABIC LETTER TTEHEH INITIAL FORM<br>≈ <initial> 067A ﺕ       |
| FB61 | ﺘ | ARABIC LETTER TTEHEH MEDIAL FORM<br>≈ <medial> 067A ﺘ         |
| FB62 | ﺖ | ARABIC LETTER TEHEH ISOLATED FORM<br>≈ <isolated> 067F ﺖ      |
| FB63 | ﺘ | ARABIC LETTER TEHEH FINAL FORM<br>≈ <final> 067F ﺘ            |
| FB64 | ﺕ | ARABIC LETTER TEHEH INITIAL FORM<br>≈ <initial> 067F ﺕ        |
| FB65 | ﺖ | ARABIC LETTER TEHEH MEDIAL FORM<br>≈ <medial> 067F ﺖ          |
| FB66 | ﺖ | ARABIC LETTER TTEH ISOLATED FORM<br>≈ <isolated> 0679 ﺖ       |
| FB67 | ﺘ | ARABIC LETTER TTEH FINAL FORM<br>≈ <final> 0679 ﺘ             |
| FB68 | ﺕ | ARABIC LETTER TTEH INITIAL FORM<br>≈ <initial> 0679 ﺕ         |
| FB69 | ﺖ | ARABIC LETTER TTEH MEDIAL FORM<br>≈ <medial> 0679 ﺖ           |
| FB6A | ف | ARABIC LETTER VEH ISOLATED FORM<br>≈ <isolated> 06A4 ف        |
| FB6B | ﻑ | ARABIC LETTER VEH FINAL FORM<br>≈ <final> 06A4 ﻑ              |

|      |   |                                                            |
|------|---|------------------------------------------------------------|
| FB6C | ﻑ | ARABIC LETTER VEH INITIAL FORM<br>≈ <initial> 06A4 ﻑ       |
| FB6D | ﻐ | ARABIC LETTER VEH MEDIAL FORM<br>≈ <medial> 06A4 ﻐ         |
| FB6E | ﻕ | ARABIC LETTER PEHEH ISOLATED FORM<br>≈ <isolated> 06A6 ﻕ   |
| FB6F | ﻕ | ARABIC LETTER PEHEH FINAL FORM<br>≈ <final> 06A6 ﻕ         |
| FB70 | ﻕ | ARABIC LETTER PEHEH INITIAL FORM<br>≈ <initial> 06A6 ﻕ     |
| FB71 | ﻕ | ARABIC LETTER PEHEH MEDIAL FORM<br>≈ <medial> 06A6 ﻕ       |
| FB72 | ﺞ | ARABIC LETTER DYEH ISOLATED FORM<br>≈ <isolated> 0684 ﺞ    |
| FB73 | ﺠ | ARABIC LETTER DYEH FINAL FORM<br>≈ <final> 0684 ﺠ          |
| FB74 | ﺞ | ARABIC LETTER DYEH INITIAL FORM<br>≈ <initial> 0684 ﺞ      |
| FB75 | ﺞ | ARABIC LETTER DYEH MEDIAL FORM<br>≈ <medial> 0684 ﺞ        |
| FB76 | ﺞ | ARABIC LETTER NYEH ISOLATED FORM<br>≈ <isolated> 0683 ﺞ    |
| FB77 | ﺞ | ARABIC LETTER NYEH FINAL FORM<br>≈ <final> 0683 ﺞ          |
| FB78 | ﺞ | ARABIC LETTER NYEH INITIAL FORM<br>≈ <initial> 0683 ﺞ      |
| FB79 | ﺞ | ARABIC LETTER NYEH MEDIAL FORM<br>≈ <medial> 0683 ﺞ        |
| FB7A | ﺞ | ARABIC LETTER TCHEH ISOLATED FORM<br>≈ <isolated> 0686 ﺞ   |
| FB7B | ﺞ | ARABIC LETTER TCHEH FINAL FORM<br>≈ <final> 0686 ﺞ         |
| FB7C | ﺞ | ARABIC LETTER TCHEH INITIAL FORM<br>≈ <initial> 0686 ﺞ     |
| FB7D | ﺞ | ARABIC LETTER TCHEH MEDIAL FORM<br>≈ <medial> 0686 ﺞ       |
| FB7E | ﺞ | ARABIC LETTER TCHEHEH ISOLATED FORM<br>≈ <isolated> 0687 ﺞ |
| FB7F | ﺞ | ARABIC LETTER TCHEHEH FINAL FORM<br>≈ <final> 0687 ﺞ       |
| FB80 | ﺞ | ARABIC LETTER TCHEHEH INITIAL FORM<br>≈ <initial> 0687 ﺞ   |
| FB81 | ﺞ | ARABIC LETTER TCHEHEH MEDIAL FORM<br>≈ <medial> 0687 ﺞ     |
| FB82 | ﺪ | ARABIC LETTER DDAHAL ISOLATED FORM<br>≈ <isolated> 068D ﺪ  |
| FB83 | ﺪ | ARABIC LETTER DDAHAL FINAL FORM<br>≈ <final> 068D ﺪ        |
| FB84 | ﺪ | ARABIC LETTER DAHAL ISOLATED FORM<br>≈ <isolated> 068C ﺪ   |
| FB85 | ﺪ | ARABIC LETTER DAHAL FINAL FORM<br>≈ <final> 068C ﺪ         |
| FB86 | ﺪ | ARABIC LETTER DUL ISOLATED FORM<br>≈ <isolated> 068E ﺪ     |
| FB87 | ﺪ | ARABIC LETTER DUL FINAL FORM<br>≈ <final> 068E ﺪ           |
| FB88 | ﺪ | ARABIC LETTER DDAL ISOLATED FORM<br>≈ <isolated> 0688 ﺪ    |
| FB89 | ﺪ | ARABIC LETTER DDAL FINAL FORM<br>≈ <final> 0688 ﺪ          |
| FB8A | ﺰ | ARABIC LETTER JEH ISOLATED FORM<br>≈ <isolated> 0698 ﺰ     |



|      |   |                                                                       |
|------|---|-----------------------------------------------------------------------|
| FB8B | ﻝ | ARABIC LETTER JEH FINAL FORM<br>≈ <final> 0698 ﻝ                      |
| FB8C | ﺀ | ARABIC LETTER RREH ISOLATED FORM<br>≈ <isolated> 0691 ﺀ               |
| FB8D | ﻝ | ARABIC LETTER RREH FINAL FORM<br>≈ <final> 0691 ﻝ                     |
| FB8E | ﻙ | ARABIC LETTER KEHEH ISOLATED FORM<br>≈ <isolated> 06A9 ﻙ              |
| FB8F | ﻙ | ARABIC LETTER KEHEH FINAL FORM<br>≈ <final> 06A9 ﻙ                    |
| FB90 | ﻙ | ARABIC LETTER KEHEH INITIAL FORM<br>≈ <initial> 06A9 ﻙ                |
| FB91 | ﻙ | ARABIC LETTER KEHEH MEDIAL FORM<br>≈ <medial> 06A9 ﻙ                  |
| FB92 | ﻎ | ARABIC LETTER GAF ISOLATED FORM<br>≈ <isolated> 06AF ﻎ                |
| FB93 | ﻎ | ARABIC LETTER GAF FINAL FORM<br>≈ <final> 06AF ﻎ                      |
| FB94 | ﻎ | ARABIC LETTER GAF INITIAL FORM<br>≈ <initial> 06AF ﻎ                  |
| FB95 | ﻎ | ARABIC LETTER GAF MEDIAL FORM<br>≈ <medial> 06AF ﻎ                    |
| FB96 | ﻎ | ARABIC LETTER GUEH ISOLATED FORM<br>≈ <isolated> 06B3 ﻎ               |
| FB97 | ﻎ | ARABIC LETTER GUEH FINAL FORM<br>≈ <final> 06B3 ﻎ                     |
| FB98 | ﻎ | ARABIC LETTER GUEH INITIAL FORM<br>≈ <initial> 06B3 ﻎ                 |
| FB99 | ﻎ | ARABIC LETTER GUEH MEDIAL FORM<br>≈ <medial> 06B3 ﻎ                   |
| FB9A | ﻎ | ARABIC LETTER NGOEH ISOLATED FORM<br>≈ <isolated> 06B1 ﻎ              |
| FB9B | ﻎ | ARABIC LETTER NGOEH FINAL FORM<br>≈ <final> 06B1 ﻎ                    |
| FB9C | ﻎ | ARABIC LETTER NGOEH INITIAL FORM<br>≈ <initial> 06B1 ﻎ                |
| FB9D | ﻎ | ARABIC LETTER NGOEH MEDIAL FORM<br>≈ <medial> 06B1 ﻎ                  |
| FB9E | ﻥ | ARABIC LETTER NOON GHUNNA ISOLATED FORM<br>≈ <isolated> 06BA ﻥ        |
| FB9F | ﻥ | ARABIC LETTER NOON GHUNNA FINAL FORM<br>≈ <final> 06BA ﻥ              |
| FBA0 | ﻥ | ARABIC LETTER RNOON ISOLATED FORM<br>≈ <isolated> 06BB ﻥ              |
| FBA1 | ﻥ | ARABIC LETTER RNOON FINAL FORM<br>≈ <final> 06BB ﻥ                    |
| FBA2 | ﻥ | ARABIC LETTER RNOON INITIAL FORM<br>≈ <initial> 06BB ﻥ                |
| FBA3 | ﻥ | ARABIC LETTER RNOON MEDIAL FORM<br>≈ <medial> 06BB ﻥ                  |
| FBA4 | ﻩ | ARABIC LETTER HEH WITH YEH ABOVE ISOLATED FORM<br>≈ <isolated> 06C0 ﻩ |
| FBA5 | ﻩ | ARABIC LETTER HEH WITH YEH ABOVE FINAL FORM<br>≈ <final> 06C0 ﻩ       |
| FBA6 | ﻩ | ARABIC LETTER HEH GOAL ISOLATED FORM<br>≈ <isolated> 06C1 ﻩ           |
| FBA7 | ﻩ | ARABIC LETTER HEH GOAL FINAL FORM<br>≈ <final> 06C1 ﻩ                 |
| FBA8 | ﻩ | ARABIC LETTER HEH GOAL INITIAL FORM<br>≈ <initial> 06C1 ﻩ             |

|       |   |                                                                                |
|-------|---|--------------------------------------------------------------------------------|
| FBA9  | ﻩ | ARABIC LETTER HEH GOAL MEDIAL FORM<br>≈ <medial> 06C1 ﻩ                        |
| FBA A | ﻩ | ARABIC LETTER HEH DOACHASHMEE ISOLATED FORM<br>≈ <isolated> 06BE ﻩ             |
| FBA B | ﻩ | ARABIC LETTER HEH DOACHASHMEE FINAL FORM<br>≈ <final> 06BE ﻩ                   |
| FBA C | ﻩ | ARABIC LETTER HEH DOACHASHMEE INITIAL FORM<br>≈ <initial> 06BE ﻩ               |
| FBA D | ﻩ | ARABIC LETTER HEH DOACHASHMEE MEDIAL FORM<br>≈ <medial> 06BE ﻩ                 |
| FBA E | ﻩ | ARABIC LETTER YEH BARREE ISOLATED FORM<br>≈ <isolated> 06D2 ﻩ                  |
| FBA F | ﻩ | ARABIC LETTER YEH BARREE FINAL FORM<br>≈ <final> 06D2 ﻩ                        |
| FBB0  | ﻩ | ARABIC LETTER YEH BARREE WITH HAMZA ABOVE ISOLATED FORM<br>≈ <isolated> 06D3 ﻩ |
| FBB1  | ﻩ | ARABIC LETTER YEH BARREE WITH HAMZA ABOVE FINAL FORM<br>≈ <final> 06D3 ﻩ       |

**Arabic pedagogical symbols**

These are spacing symbols representing Arabic letter diacritics considered in isolation, as for example as in discussions about the Arabic script.

|       |   |                                                                |
|-------|---|----------------------------------------------------------------|
| FBB2  | · | ARABIC SYMBOL DOT ABOVE                                        |
| FBB3  | · | ARABIC SYMBOL DOT BELOW                                        |
| FBB4  | · | ARABIC SYMBOL TWO DOTS ABOVE                                   |
| FBB5  | · | ARABIC SYMBOL TWO DOTS BELOW                                   |
| FBB6  | · | ARABIC SYMBOL THREE DOTS ABOVE                                 |
| FBB7  | · | ARABIC SYMBOL THREE DOTS BELOW                                 |
| FBB8  | · | ARABIC SYMBOL THREE DOTS POINTING DOWNWARDS ABOVE              |
| FBB9  | · | ARABIC SYMBOL THREE DOTS POINTING DOWNWARDS BELOW              |
| FBBA  | · | ARABIC SYMBOL FOUR DOTS ABOVE<br>• Sindhi                      |
| FBBB  | · | ARABIC SYMBOL FOUR DOTS BELOW<br>• Sindhi                      |
| FBBC  | · | ARABIC SYMBOL DOUBLE VERTICAL BAR BELOW<br>• Sindhi            |
| FBB D | · | ARABIC SYMBOL TWO DOTS VERTICALLY ABOVE<br>• Sindhi            |
| FBB E | · | ARABIC SYMBOL TWO DOTS VERTICALLY BELOW<br>• Sindhi            |
| FBB F | · | ARABIC SYMBOL RING<br>• Pashto                                 |
| FBC0  | · | ARABIC SYMBOL SMALL TAH ABOVE<br>• Urdu                        |
| FBC1  | · | ARABIC SYMBOL SMALL TAH BELOW<br>• Urdu                        |
| FBC2  | · | ARABIC SYMBOL WASLA ABOVE<br>→ 0671 ﻩ arabic letter alef wasla |

**Glyphs for contextual forms of letters for Central Asian languages**

|      |   |                                                       |
|------|---|-------------------------------------------------------|
| FBD3 | ﻩ | ARABIC LETTER NG ISOLATED FORM<br>≈ <isolated> 06AD ﻩ |
|------|---|-------------------------------------------------------|

|                                 |    |                                                                                                                   |
|---------------------------------|----|-------------------------------------------------------------------------------------------------------------------|
| FBD4                            | لث | ARABIC LETTER NG FINAL FORM<br>≈ <final> 06AD لث                                                                  |
| FBD5                            | ك  | ARABIC LETTER NG INITIAL FORM<br>≈ <initial> 06AD ك                                                               |
| FBD6                            | ك  | ARABIC LETTER NG MEDIAL FORM<br>≈ <medial> 06AD ك                                                                 |
| FBD7                            | و  | ARABIC LETTER U ISOLATED FORM<br>≈ <isolated> 06C7 و                                                              |
| FBD8                            | و  | ARABIC LETTER U FINAL FORM<br>≈ <final> 06C7 و                                                                    |
| FBD9                            | و  | ARABIC LETTER OE ISOLATED FORM<br>≈ <isolated> 06C6 و                                                             |
| FBDA                            | و  | ARABIC LETTER OE FINAL FORM<br>≈ <final> 06C6 و                                                                   |
| FBDB                            | و  | ARABIC LETTER YU ISOLATED FORM<br>≈ <isolated> 06C8 و                                                             |
| FBDC                            | و  | ARABIC LETTER YU FINAL FORM<br>≈ <final> 06C8 و                                                                   |
| FBDD                            | و  | ARABIC LETTER U WITH HAMZA ABOVE ISOLATED FORM<br>≈ <isolated> 0677 و                                             |
| FBDE                            | و  | ARABIC LETTER VE ISOLATED FORM<br>≈ <isolated> 06CB و                                                             |
| FBDF                            | و  | ARABIC LETTER VE FINAL FORM<br>≈ <final> 06CB و                                                                   |
| FBE0                            | و  | ARABIC LETTER KIRGHIZ OE ISOLATED FORM<br>≈ <isolated> 06C5 و                                                     |
| FBE1                            | و  | ARABIC LETTER KIRGHIZ OE FINAL FORM<br>≈ <final> 06C5 و                                                           |
| FBE2                            | و  | ARABIC LETTER KIRGHIZ YU ISOLATED FORM<br>≈ <isolated> 06C9 و                                                     |
| FBE3                            | و  | ARABIC LETTER KIRGHIZ YU FINAL FORM<br>≈ <final> 06C9 و                                                           |
| FBE4                            | ي  | ARABIC LETTER E ISOLATED FORM<br>≈ <isolated> 06D0 ي                                                              |
| FBE5                            | ي  | ARABIC LETTER E FINAL FORM<br>≈ <final> 06D0 ي                                                                    |
| FBE6                            | ي  | ARABIC LETTER E INITIAL FORM<br>≈ <initial> 06D0 ي                                                                |
| FBE7                            | ي  | ARABIC LETTER E MEDIAL FORM<br>≈ <medial> 06D0 ي                                                                  |
| FBE8                            | ي  | ARABIC LETTER UIGHUR KAZAKH KIRGHIZ ALEF MAKSURA INITIAL FORM<br>≈ <initial> 0649 ي                               |
| FBE9                            | ي  | ARABIC LETTER UIGHUR KAZAKH KIRGHIZ ALEF MAKSURA MEDIAL FORM<br>≈ <medial> 0649 ي                                 |
| <b>Ligatures (two elements)</b> |    |                                                                                                                   |
| FBEA                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF ISOLATED FORM<br>≈ <isolated> 0626 ي 0627 ا                        |
| FBEB                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF FINAL FORM<br>≈ <final> 0626 ي 0627 ا                              |
| FBEC                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH AE ISOLATED FORM<br>≈ <isolated> 0626 ي 06D5 ه                          |
| FBED                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH AE FINAL FORM<br>≈ <final> 0626 ي 06D5 ه                                |
| FBEE                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH WAW ISOLATED FORM<br>≈ <isolated> 0626 ي 0648 و                         |
| FBEF                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH WAW FINAL FORM<br>≈ <final> 0626 ي 0648 و                               |
| FBF0                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH U ISOLATED FORM<br>≈ <isolated> 0626 ي 06C7 و                           |
| FBF1                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH U FINAL FORM<br>≈ <final> 0626 ي 06C7 و                                 |
| FBF2                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH OE ISOLATED FORM<br>≈ <isolated> 0626 ي 06C6 و                          |
| FBF3                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH OE FINAL FORM<br>≈ <final> 0626 ي 06C6 و                                |
| FBF4                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YU ISOLATED FORM<br>≈ <isolated> 0626 ي 06C8 و                          |
| FBF5                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YU FINAL FORM<br>≈ <final> 0626 ي 06C8 و                                |
| FBF6                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E ISOLATED FORM<br>≈ <isolated> 0626 ي 06D0 ي                           |
| FBF7                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E FINAL FORM<br>≈ <final> 0626 ي 06D0 ي                                 |
| FBF8                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E INITIAL FORM<br>≈ <initial> 0626 ي 06D0 ي                             |
| FBF9                            | ي  | ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0626 ي 0649 ي |
| FBFA                            | ي  | ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0626 ي 0649 ي       |
| FBFB                            | ي  | ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA INITIAL FORM<br>≈ <initial> 0626 ي 0649 ي   |
| FBFC                            | ي  | ARABIC LETTER FARSI YEH ISOLATED FORM<br>≈ <isolated> 06CC ي                                                      |
| FBFD                            | ي  | ARABIC LETTER FARSI YEH FINAL FORM<br>≈ <final> 06CC ي                                                            |
| FBFE                            | ي  | ARABIC LETTER FARSI YEH INITIAL FORM<br>≈ <initial> 06CC ي                                                        |
| FBFF                            | ي  | ARABIC LETTER FARSI YEH MEDIAL FORM<br>≈ <medial> 06CC ي                                                          |
| FC00                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH JEEM ISOLATED FORM<br>≈ <isolated> 0626 ي 062C ج                        |
| FC01                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HAH ISOLATED FORM<br>≈ <isolated> 0626 ي 062D ح                         |
| FC02                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM ISOLATED FORM<br>≈ <isolated> 0626 ي 0645 م                        |
| FC03                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0626 ي 0649 ي                |
| FC04                            | ي  | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YEH ISOLATED FORM<br>≈ <isolated> 0626 ي 064A ي                         |

## FC05

## Arabic Presentation Forms-A

## FC2E

|      |   |                                                                                    |
|------|---|------------------------------------------------------------------------------------|
| FC05 | ج | ARABIC LIGATURE BEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 0628 ب 062C ج          |
| FC06 | ح | ARABIC LIGATURE BEH WITH HAH ISOLATED FORM<br>≈ <isolated> 0628 ب 062D ح           |
| FC07 | خ | ARABIC LIGATURE BEH WITH KHAH ISOLATED FORM<br>≈ <isolated> 0628 ب 062E خ          |
| FC08 | م | ARABIC LIGATURE BEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 0628 ب 0645 م          |
| FC09 | ي | ARABIC LIGATURE BEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0628 ب 0649 ي  |
| FC0A | ي | ARABIC LIGATURE BEH WITH YEH ISOLATED FORM<br>≈ <isolated> 0628 ب 064A ي           |
| FC0B | ج | ARABIC LIGATURE TEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 062A ت 062C ج          |
| FC0C | ح | ARABIC LIGATURE TEH WITH HAH ISOLATED FORM<br>≈ <isolated> 062A ت 062D ح           |
| FC0D | خ | ARABIC LIGATURE TEH WITH KHAH ISOLATED FORM<br>≈ <isolated> 062A ت 062E خ          |
| FC0E | م | ARABIC LIGATURE TEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 062A ت 0645 م          |
| FC0F | ي | ARABIC LIGATURE TEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 062A ت 0649 ي  |
| FC10 | ي | ARABIC LIGATURE TEH WITH YEH ISOLATED FORM<br>≈ <isolated> 062A ت 064A ي           |
| FC11 | ج | ARABIC LIGATURE THEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 062B ث 062C ج         |
| FC12 | م | ARABIC LIGATURE THEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 062B ث 0645 م         |
| FC13 | ي | ARABIC LIGATURE THEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 062B ث 0649 ي |
| FC14 | ي | ARABIC LIGATURE THEH WITH YEH ISOLATED FORM<br>≈ <isolated> 062B ث 064A ي          |
| FC15 | ح | ARABIC LIGATURE JEEM WITH HAH ISOLATED FORM<br>≈ <isolated> 062C ج 062D ح          |
| FC16 | م | ARABIC LIGATURE JEEM WITH MEEM ISOLATED FORM<br>≈ <isolated> 062C ج 0645 م         |
| FC17 | ج | ARABIC LIGATURE HAH WITH JEEM ISOLATED FORM<br>≈ <isolated> 062D ح 062C ج          |
| FC18 | م | ARABIC LIGATURE HAH WITH MEEM ISOLATED FORM<br>≈ <isolated> 062D ح 0645 م          |
| FC19 | خ | ARABIC LIGATURE KHAH WITH JEEM ISOLATED FORM<br>≈ <isolated> 062E خ 062C ج         |
| FC1A | خ | ARABIC LIGATURE KHAH WITH HAH ISOLATED FORM<br>≈ <isolated> 062E خ 062D ح          |
| FC1B | م | ARABIC LIGATURE KHAH WITH MEEM ISOLATED FORM<br>≈ <isolated> 062E خ 0645 م         |
| FC1C | ج | ARABIC LIGATURE SEEN WITH JEEM ISOLATED FORM<br>≈ <isolated> 0633 س 062C ج         |
| FC1D | ح | ARABIC LIGATURE SEEN WITH HAH ISOLATED FORM<br>≈ <isolated> 0633 س 062D ح          |
| FC1E | خ | ARABIC LIGATURE SEEN WITH KHAH ISOLATED FORM<br>≈ <isolated> 0633 س 062E خ         |
| FC1F | م | ARABIC LIGATURE SEEN WITH MEEM ISOLATED FORM<br>≈ <isolated> 0633 س 0645 م         |
| FC20 | ص | ARABIC LIGATURE SAD WITH HAH ISOLATED FORM<br>≈ <isolated> 0635 ض 062D ح           |
| FC21 | م | ARABIC LIGATURE SAD WITH MEEM ISOLATED FORM<br>≈ <isolated> 0635 ض 0645 م          |
| FC22 | ج | ARABIC LIGATURE DAD WITH JEEM ISOLATED FORM<br>≈ <isolated> 0636 ض 062C ج          |
| FC23 | ح | ARABIC LIGATURE DAD WITH HAH ISOLATED FORM<br>≈ <isolated> 0636 ض 062D ح           |
| FC24 | خ | ARABIC LIGATURE DAD WITH KHAH ISOLATED FORM<br>≈ <isolated> 0636 ض 062E خ          |
| FC25 | م | ARABIC LIGATURE DAD WITH MEEM ISOLATED FORM<br>≈ <isolated> 0636 ض 0645 م          |
| FC26 | ط | ARABIC LIGATURE TAH WITH HAH ISOLATED FORM<br>≈ <isolated> 0637 ط 062D ح           |
| FC27 | م | ARABIC LIGATURE TAH WITH MEEM ISOLATED FORM<br>≈ <isolated> 0637 ط 0645 م          |
| FC28 | ظ | ARABIC LIGATURE ZAH WITH MEEM ISOLATED FORM<br>≈ <isolated> 0638 ظ 0645 م          |
| FC29 | ع | ARABIC LIGATURE AIN WITH JEEM ISOLATED FORM<br>≈ <isolated> 0639 ع 062C ج          |
| FC2A | م | ARABIC LIGATURE AIN WITH MEEM ISOLATED FORM<br>≈ <isolated> 0639 ع 0645 م          |
| FC2B | غ | ARABIC LIGATURE GHAIN WITH JEEM ISOLATED FORM<br>≈ <isolated> 063A غ 062C ج        |
| FC2C | م | ARABIC LIGATURE GHAIN WITH MEEM ISOLATED FORM<br>≈ <isolated> 063A غ 0645 م        |
| FC2D | ف | ARABIC LIGATURE FEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 0641 ف 062C ج          |
| FC2E | ح | ARABIC LIGATURE FEH WITH HAH ISOLATED FORM<br>≈ <isolated> 0641 ف 062D ح           |

|      |   |                                                                                   |      |   |                                                                                    |
|------|---|-----------------------------------------------------------------------------------|------|---|------------------------------------------------------------------------------------|
| FC2F | خ | ARABIC LIGATURE FEH WITH KHAH ISOLATED FORM<br>≈ <isolated> 0641 ف 062E خ         | FC44 | ي | ARABIC LIGATURE LAM WITH YEH ISOLATED FORM<br>≈ <isolated> 0644 ل 064A ي           |
| FC30 | م | ARABIC LIGATURE FEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 0641 ف 0645 م         | FC45 | ج | ARABIC LIGATURE MEEM WITH JEEM ISOLATED FORM<br>≈ <isolated> 0645 م 062C ج         |
| FC31 | ف | ARABIC LIGATURE FEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0641 ف 0649 ي | FC46 | ح | ARABIC LIGATURE MEEM WITH HAH ISOLATED FORM<br>≈ <isolated> 0645 م 062D ح          |
| FC32 | ي | ARABIC LIGATURE FEH WITH YEH ISOLATED FORM<br>≈ <isolated> 0641 ف 064A ي          | FC47 | خ | ARABIC LIGATURE MEEM WITH KHAH ISOLATED FORM<br>≈ <isolated> 0645 م 062E خ         |
| FC33 | ق | ARABIC LIGATURE QAF WITH HAH ISOLATED FORM<br>≈ <isolated> 0642 ق 062D ح          | FC48 | م | ARABIC LIGATURE MEEM WITH MEEM ISOLATED FORM<br>≈ <isolated> 0645 م 0645 م         |
| FC34 | م | ARABIC LIGATURE QAF WITH MEEM ISOLATED FORM<br>≈ <isolated> 0642 ق 0645 م         | FC49 | ي | ARABIC LIGATURE MEEM WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0645 م 0649 ي |
| FC35 | ق | ARABIC LIGATURE QAF WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0642 ق 0649 ي | FC4A | ي | ARABIC LIGATURE MEEM WITH YEH ISOLATED FORM<br>≈ <isolated> 0645 م 064A ي          |
| FC36 | ي | ARABIC LIGATURE QAF WITH YEH ISOLATED FORM<br>≈ <isolated> 0642 ق 064A ي          | FC4B | ج | ARABIC LIGATURE NOON WITH JEEM ISOLATED FORM<br>≈ <isolated> 0646 ن 062C ج         |
| FC37 | ك | ARABIC LIGATURE KAF WITH ALEF ISOLATED FORM<br>≈ <isolated> 0643 ك 0627 ا         | FC4C | خ | ARABIC LIGATURE NOON WITH HAH ISOLATED FORM<br>≈ <isolated> 0646 ن 062D ح          |
| FC38 | ج | ARABIC LIGATURE KAF WITH JEEM ISOLATED FORM<br>≈ <isolated> 0643 ك 062C ج         | FC4D | خ | ARABIC LIGATURE NOON WITH KHAH ISOLATED FORM<br>≈ <isolated> 0646 ن 062E خ         |
| FC39 | ح | ARABIC LIGATURE KAF WITH HAH ISOLATED FORM<br>≈ <isolated> 0643 ك 062D ح          | FC4E | م | ARABIC LIGATURE NOON WITH MEEM ISOLATED FORM<br>≈ <isolated> 0646 ن 0645 م         |
| FC3A | خ | ARABIC LIGATURE KAF WITH KHAH ISOLATED FORM<br>≈ <isolated> 0643 ك 062E خ         | FC4F | ن | ARABIC LIGATURE NOON WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0646 ن 0649 ي |
| FC3B | ك | ARABIC LIGATURE KAF WITH LAM ISOLATED FORM<br>≈ <isolated> 0643 ك 0644 ل          | FC50 | ي | ARABIC LIGATURE NOON WITH YEH ISOLATED FORM<br>≈ <isolated> 0646 ن 064A ي          |
| FC3C | م | ARABIC LIGATURE KAF WITH MEEM ISOLATED FORM<br>≈ <isolated> 0643 ك 0645 م         | FC51 | ج | ARABIC LIGATURE HEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 0647 ه 062C ج          |
| FC3D | ك | ARABIC LIGATURE KAF WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0643 ك 0649 ي | FC52 | م | ARABIC LIGATURE HEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 0647 ه 0645 م          |
| FC3E | ي | ARABIC LIGATURE KAF WITH YEH ISOLATED FORM<br>≈ <isolated> 0643 ك 064A ي          | FC53 | ي | ARABIC LIGATURE HEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0647 ه 0649 ي  |
| FC3F | ل | ARABIC LIGATURE LAM WITH JEEM ISOLATED FORM<br>≈ <isolated> 0644 ل 062C ج         | FC54 | ي | ARABIC LIGATURE HEH WITH YEH ISOLATED FORM<br>≈ <isolated> 0647 ه 064A ي           |
| FC40 | ح | ARABIC LIGATURE LAM WITH HAH ISOLATED FORM<br>≈ <isolated> 0644 ل 062D ح          | FC55 | ج | ARABIC LIGATURE YEH WITH JEEM ISOLATED FORM<br>≈ <isolated> 064A ي 062C ج          |
| FC41 | خ | ARABIC LIGATURE LAM WITH KHAH ISOLATED FORM<br>≈ <isolated> 0644 ل 062E خ         | FC56 | خ | ARABIC LIGATURE YEH WITH HAH ISOLATED FORM<br>≈ <isolated> 064A ي 062D ح           |
| FC42 | م | ARABIC LIGATURE LAM WITH MEEM ISOLATED FORM<br>≈ <isolated> 0644 ل 0645 م         | FC57 | خ | ARABIC LIGATURE YEH WITH KHAH ISOLATED FORM<br>≈ <isolated> 064A ي 062E خ          |
| FC43 | ي | ARABIC LIGATURE LAM WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0644 ل 0649 ي | FC58 | م | ARABIC LIGATURE YEH WITH MEEM ISOLATED FORM<br>≈ <isolated> 064A ي 0645 م          |

## FC59

## Arabic Presentation Forms-A

## FC86

|      |   |                                                                                                 |
|------|---|-------------------------------------------------------------------------------------------------|
| FC59 | ي | ARABIC LIGATURE YEH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 064A ي 0649 ي               |
| FC5A | ي | ARABIC LIGATURE YEH WITH YEH ISOLATED FORM<br>≈ <isolated> 064A ي 064A ي                        |
| FC5B | ذ | ARABIC LIGATURE THAL WITH SUPERSCRIPT ALEF ISOLATED FORM<br>≈ <isolated> 0630 ذ 0670 ث          |
| FC5C | ر | ARABIC LIGATURE REH WITH SUPERSCRIPT ALEF ISOLATED FORM<br>≈ <isolated> 0631 ر 0670 ث           |
| FC5D | ي | ARABIC LIGATURE ALEF MAKSURA WITH SUPERSCRIPT ALEF ISOLATED FORM<br>≈ <isolated> 0649 ي 0670 ث  |
| FC5E | ء | ARABIC LIGATURE SHADDA WITH DAMMATAN ISOLATED FORM<br>≈ <isolated> 0020 ِ 064C ُ 0651 ُ         |
| FC5F | ء | ARABIC LIGATURE SHADDA WITH KASRATAN ISOLATED FORM<br>≈ <isolated> 0020 ِ 064D ُ 0651 ُ         |
| FC60 | ء | ARABIC LIGATURE SHADDA WITH FATHA ISOLATED FORM<br>≈ <isolated> 0020 ِ 064E ُ 0651 ُ            |
| FC61 | ء | ARABIC LIGATURE SHADDA WITH DAMMA ISOLATED FORM<br>≈ <isolated> 0020 ِ 064F ُ 0651 ُ            |
| FC62 | ء | ARABIC LIGATURE SHADDA WITH KASRA ISOLATED FORM<br>≈ <isolated> 0020 ِ 0650 ُ 0651 ُ            |
| FC63 | ء | ARABIC LIGATURE SHADDA WITH SUPERSCRIPT ALEF ISOLATED FORM<br>≈ <isolated> 0020 ِ 0651 ُ 0670 ث |
| FC64 | آ | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH REH FINAL FORM<br>≈ <final> 0626 آ 0631 ر             |
| FC65 | آ | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ZAIN FINAL FORM<br>≈ <final> 0626 آ 0632 ز            |
| FC66 | م | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM FINAL FORM<br>≈ <final> 0626 آ 0645 م            |
| FC67 | ن | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH NOON FINAL FORM<br>≈ <final> 0626 آ 0646 ن            |
| FC68 | ي | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0626 آ 0649 ي    |
| FC69 | ي | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YEH FINAL FORM<br>≈ <final> 0626 آ 064A ي             |
| FC6A | ب | ARABIC LIGATURE BEH WITH REH FINAL FORM<br>≈ <final> 0628 ب 0631 ر                              |
| FC6B | ب | ARABIC LIGATURE BEH WITH ZAIN FINAL FORM<br>≈ <final> 0628 ب 0632 ز                             |
| FC6C | م | ARABIC LIGATURE BEH WITH MEEM FINAL FORM<br>≈ <final> 0628 ب 0645 م                             |
| FC6D | ن | ARABIC LIGATURE BEH WITH NOON FINAL FORM<br>≈ <final> 0628 ب 0646 ن                             |
| FC6E | ي | ARABIC LIGATURE BEH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0628 ب 0649 ي                     |
| FC6F | ي | ARABIC LIGATURE BEH WITH YEH FINAL FORM<br>≈ <final> 0628 ب 064A ي                              |
| FC70 | ر | ARABIC LIGATURE TEH WITH REH FINAL FORM<br>≈ <final> 062A ت 0631 ر                              |
| FC71 | ر | ARABIC LIGATURE TEH WITH ZAIN FINAL FORM<br>≈ <final> 062A ت 0632 ز                             |
| FC72 | م | ARABIC LIGATURE TEH WITH MEEM FINAL FORM<br>≈ <final> 062A ت 0645 م                             |
| FC73 | ن | ARABIC LIGATURE TEH WITH NOON FINAL FORM<br>≈ <final> 062A ت 0646 ن                             |
| FC74 | ي | ARABIC LIGATURE TEH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062A ت 0649 ي                     |
| FC75 | ي | ARABIC LIGATURE TEH WITH YEH FINAL FORM<br>≈ <final> 062A ت 064A ي                              |
| FC76 | ر | ARABIC LIGATURE THEH WITH REH FINAL FORM<br>≈ <final> 062B ث 0631 ر                             |
| FC77 | ر | ARABIC LIGATURE THEH WITH ZAIN FINAL FORM<br>≈ <final> 062B ث 0632 ز                            |
| FC78 | م | ARABIC LIGATURE THEH WITH MEEM FINAL FORM<br>≈ <final> 062B ث 0645 م                            |
| FC79 | ن | ARABIC LIGATURE THEH WITH NOON FINAL FORM<br>≈ <final> 062B ث 0646 ن                            |
| FC7A | ي | ARABIC LIGATURE THEH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062B ث 0649 ي                    |
| FC7B | ي | ARABIC LIGATURE THEH WITH YEH FINAL FORM<br>≈ <final> 062B ث 064A ي                             |
| FC7C | ي | ARABIC LIGATURE FEH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0641 ف 0649 ي                     |
| FC7D | ي | ARABIC LIGATURE FEH WITH YEH FINAL FORM<br>≈ <final> 0641 ف 064A ي                              |
| FC7E | ي | ARABIC LIGATURE QAF WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0642 ق 0649 ي                     |
| FC7F | ي | ARABIC LIGATURE QAF WITH YEH FINAL FORM<br>≈ <final> 0642 ق 064A ي                              |
| FC80 | ك | ARABIC LIGATURE KAF WITH ALEF FINAL FORM<br>≈ <final> 0643 ك 0627 ا                             |
| FC81 | ك | ARABIC LIGATURE KAF WITH LAM FINAL FORM<br>≈ <final> 0643 ك 0644 ل                              |
| FC82 | م | ARABIC LIGATURE KAF WITH MEEM FINAL FORM<br>≈ <final> 0643 ك 0645 م                             |
| FC83 | ك | ARABIC LIGATURE KAF WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0643 ك 0649 ي                     |
| FC84 | ك | ARABIC LIGATURE KAF WITH YEH FINAL FORM<br>≈ <final> 0643 ك 064A ي                              |
| FC85 | م | ARABIC LIGATURE LAM WITH MEEM FINAL FORM<br>≈ <final> 0644 ل 0645 م                             |
| FC86 | ي | ARABIC LIGATURE LAM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0644 ل 0649 ي                     |



|      |     |                                                                                          |
|------|-----|------------------------------------------------------------------------------------------|
| FC87 | لِي | ARABIC LIGATURE LAM WITH YEH FINAL FORM<br>≈ <final> 0644 ل 064A ي                       |
| FC88 | كَا | ARABIC LIGATURE MEEM WITH ALEF FINAL FORM<br>≈ <final> 0645 م 0627 ا                     |
| FC89 | مَم | ARABIC LIGATURE MEEM WITH MEEM FINAL FORM<br>≈ <final> 0645 م 0645 م                     |
| FC8A | نَر | ARABIC LIGATURE NOON WITH REH FINAL FORM<br>≈ <final> 0646 ن 0631 ر                      |
| FC8B | نَز | ARABIC LIGATURE NOON WITH ZAIN FINAL FORM<br>≈ <final> 0646 ن 0632 ز                     |
| FC8C | نَم | ARABIC LIGATURE NOON WITH MEEM FINAL FORM<br>≈ <final> 0646 ن 0645 م                     |
| FC8D | نَن | ARABIC LIGATURE NOON WITH NOON FINAL FORM<br>≈ <final> 0646 ن 0646 ن                     |
| FC8E | نِى | ARABIC LIGATURE NOON WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0646 ن 0649 ي             |
| FC8F | نِي | ARABIC LIGATURE NOON WITH YEH FINAL FORM<br>≈ <final> 0646 ن 064A ي                      |
| FC90 | ى   | ARABIC LIGATURE ALEF MAKSURA WITH SUPERScript ALEF FINAL FORM<br>≈ <final> 0649 ي 0670 ث |
| FC91 | يَر | ARABIC LIGATURE YEH WITH REH FINAL FORM<br>≈ <final> 064A ي 0631 ر                       |
| FC92 | يَز | ARABIC LIGATURE YEH WITH ZAIN FINAL FORM<br>≈ <final> 064A ي 0632 ز                      |
| FC93 | يَم | ARABIC LIGATURE YEH WITH MEEM FINAL FORM<br>≈ <final> 064A ي 0645 م                      |
| FC94 | يَن | ARABIC LIGATURE YEH WITH NOON FINAL FORM<br>≈ <final> 064A ي 0646 ن                      |
| FC95 | يِى | ARABIC LIGATURE YEH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 064A ي 0649 ي              |
| FC96 | يِي | ARABIC LIGATURE YEH WITH YEH FINAL FORM<br>≈ <final> 064A ي 064A ي                       |
| FC97 | جْه | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH JEEM INITIAL FORM<br>≈ <initial> 0626 ج 062C ج |
| FC98 | جْه | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HAH INITIAL FORM<br>≈ <initial> 0626 ج 062D ج  |
| FC99 | جْه | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH KHAH INITIAL FORM<br>≈ <initial> 0626 ج 062E ج |
| FC9A | جْه | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM INITIAL FORM<br>≈ <initial> 0626 ج 0645 م |
| FC9B | جْه | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HEH INITIAL FORM<br>≈ <initial> 0626 ج 0647 ه  |
| FC9C | جْه | ARABIC LIGATURE BEH WITH JEEM INITIAL FORM<br>≈ <initial> 0628 ب 062C ج                  |
| FC9D | جْه | ARABIC LIGATURE BEH WITH HAH INITIAL FORM<br>≈ <initial> 0628 ب 062D ج                   |
| FC9E | جْه | ARABIC LIGATURE BEH WITH KHAH INITIAL FORM<br>≈ <initial> 0628 ب 062E ج                  |
| FC9F | جْه | ARABIC LIGATURE BEH WITH MEEM INITIAL FORM<br>≈ <initial> 0628 ب 0645 م                  |
| FCA0 | جْه | ARABIC LIGATURE BEH WITH HEH INITIAL FORM<br>≈ <initial> 0628 ب 0647 ه                   |
| FCA1 | جْه | ARABIC LIGATURE TEH WITH JEEM INITIAL FORM<br>≈ <initial> 062A ت 062C ج                  |
| FCA2 | جْه | ARABIC LIGATURE TEH WITH HAH INITIAL FORM<br>≈ <initial> 062A ت 062D ج                   |
| FCA3 | جْه | ARABIC LIGATURE TEH WITH KHAH INITIAL FORM<br>≈ <initial> 062A ت 062E ج                  |
| FCA4 | جْه | ARABIC LIGATURE TEH WITH MEEM INITIAL FORM<br>≈ <initial> 062A ت 0645 م                  |
| FCA5 | جْه | ARABIC LIGATURE TEH WITH HEH INITIAL FORM<br>≈ <initial> 062A ت 0647 ه                   |
| FCA6 | جْه | ARABIC LIGATURE THEH WITH MEEM INITIAL FORM<br>≈ <initial> 062B ث 0645 م                 |
| FCA7 | جْه | ARABIC LIGATURE JEEM WITH HAH INITIAL FORM<br>≈ <initial> 062C ج 062D ج                  |
| FCA8 | جْه | ARABIC LIGATURE JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 062C ج 0645 م                 |
| FCA9 | جْه | ARABIC LIGATURE HAH WITH JEEM INITIAL FORM<br>≈ <initial> 062D ج 062C ج                  |
| FCAA | جْه | ARABIC LIGATURE HAH WITH MEEM INITIAL FORM<br>≈ <initial> 062D ج 0645 م                  |
| FCAB | جْه | ARABIC LIGATURE KHAH WITH JEEM INITIAL FORM<br>≈ <initial> 062E ج 062C ج                 |
| FCAC | جْه | ARABIC LIGATURE KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 062E ج 0645 م                 |
| FCAD | جْه | ARABIC LIGATURE SEEN WITH JEEM INITIAL FORM<br>≈ <initial> 0633 س 062C ج                 |
| FCAE | جْه | ARABIC LIGATURE SEEN WITH HAH INITIAL FORM<br>≈ <initial> 0633 س 062D ج                  |
| FCAF | جْه | ARABIC LIGATURE SEEN WITH KHAH INITIAL FORM<br>≈ <initial> 0633 س 062E ج                 |
| FCB0 | جْه | ARABIC LIGATURE SEEN WITH MEEM INITIAL FORM<br>≈ <initial> 0633 س 0645 م                 |
| FCB1 | جْه | ARABIC LIGATURE SAD WITH HAH INITIAL FORM<br>≈ <initial> 0635 ص 062D ج                   |
| FCB2 | جْه | ARABIC LIGATURE SAD WITH KHAH INITIAL FORM<br>≈ <initial> 0635 ص 062E ج                  |

|      |   |                                                                                     |
|------|---|-------------------------------------------------------------------------------------|
| FCB3 | ص | ARABIC LIGATURE SAD WITH MEEM INITIAL FORM<br>≈ <initial> 0635 ص 0645 م             |
| FCB4 | ض | ARABIC LIGATURE DAD WITH JEEM INITIAL FORM<br>≈ <initial> 0636 ض 062C ج             |
| FCB5 | ض | ARABIC LIGATURE DAD WITH HAH INITIAL FORM<br>≈ <initial> 0636 ض 062D ح              |
| FCB6 | ض | ARABIC LIGATURE DAD WITH KHAH INITIAL FORM<br>≈ <initial> 0636 ض 062E خ             |
| FCB7 | ض | ARABIC LIGATURE DAD WITH MEEM INITIAL FORM<br>≈ <initial> 0636 ض 0645 م             |
| FCB8 | ط | ARABIC LIGATURE TAH WITH HAH INITIAL FORM<br>≈ <initial> 0637 ط 062D ح              |
| FCB9 | ظ | ARABIC LIGATURE ZAH WITH MEEM INITIAL FORM<br>≈ <initial> 0638 ظ 0645 م             |
| FCBA | ع | ARABIC LIGATURE AIN WITH JEEM INITIAL FORM<br>≈ <initial> 0639 ع 062C ج             |
| FCBB | ع | ARABIC LIGATURE AIN WITH MEEM INITIAL FORM<br>≈ <initial> 0639 ع 0645 م             |
| FCBC | غ | ARABIC LIGATURE GHAIN WITH JEEM INITIAL FORM<br>≈ <initial> 063A غ 062C ج           |
| FCBD | غ | ARABIC LIGATURE GHAIN WITH MEEM INITIAL FORM<br>≈ <initial> 063A غ 0645 م           |
| FCBE | ف | ARABIC LIGATURE FEH WITH JEEM INITIAL FORM<br>≈ <initial> 0641 ف 062C ج             |
| FCBF | ف | ARABIC LIGATURE FEH WITH HAH INITIAL FORM<br>≈ <initial> 0641 ف 062D ح              |
| FCC0 | ف | ARABIC LIGATURE FEH WITH KHAH INITIAL FORM<br>≈ <initial> 0641 ف 062E خ             |
| FCC1 | ف | ARABIC LIGATURE FEH WITH MEEM INITIAL FORM<br>≈ <initial> 0641 ف 0645 م             |
| FCC2 | ق | ARABIC LIGATURE QAF WITH HAH INITIAL FORM<br>≈ <initial> 0642 ق 062D ح              |
| FCC3 | ق | ARABIC LIGATURE QAF WITH MEEM INITIAL FORM<br>≈ <initial> 0642 ق 0645 م             |
| FCC4 | ك | ARABIC LIGATURE KAF WITH JEEM INITIAL FORM<br>≈ <initial> 0643 ك 062C ج             |
| FCC5 | ك | ARABIC LIGATURE KAF WITH HAH INITIAL FORM<br>≈ <initial> 0643 ك 062D ح              |
| FCC6 | ك | ARABIC LIGATURE KAF WITH KHAH INITIAL FORM<br>≈ <initial> 0643 ك 062E خ             |
| FCC7 | ك | ARABIC LIGATURE KAF WITH LAM INITIAL FORM<br>≈ <initial> 0643 ك 0644 ل              |
| FCC8 | ك | ARABIC LIGATURE KAF WITH MEEM INITIAL FORM<br>≈ <initial> 0643 ك 0645 م             |
| FCC9 | ل | ARABIC LIGATURE LAM WITH JEEM INITIAL FORM<br>≈ <initial> 0644 ل 062C ج             |
| FCCA | ل | ARABIC LIGATURE LAM WITH HAH INITIAL FORM<br>≈ <initial> 0644 ل 062D ح              |
| FCCB | ل | ARABIC LIGATURE LAM WITH KHAH INITIAL FORM<br>≈ <initial> 0644 ل 062E خ             |
| FCCC | ل | ARABIC LIGATURE LAM WITH MEEM INITIAL FORM<br>≈ <initial> 0644 ل 0645 م             |
| FCCD | ل | ARABIC LIGATURE LAM WITH HEH INITIAL FORM<br>≈ <initial> 0644 ل 0647 ه              |
| FCCE | م | ARABIC LIGATURE MEEM WITH JEEM INITIAL FORM<br>≈ <initial> 0645 م 062C ج            |
| FCCF | م | ARABIC LIGATURE MEEM WITH HAH INITIAL FORM<br>≈ <initial> 0645 م 062D ح             |
| FCD0 | م | ARABIC LIGATURE MEEM WITH KHAH INITIAL FORM<br>≈ <initial> 0645 م 062E خ            |
| FCD1 | م | ARABIC LIGATURE MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0645 م 0645 م            |
| FCD2 | ن | ARABIC LIGATURE NOON WITH JEEM INITIAL FORM<br>≈ <initial> 0646 ن 062C ج            |
| FCD3 | ن | ARABIC LIGATURE NOON WITH HAH INITIAL FORM<br>≈ <initial> 0646 ن 062D ح             |
| FCD4 | ن | ARABIC LIGATURE NOON WITH KHAH INITIAL FORM<br>≈ <initial> 0646 ن 062E خ            |
| FCD5 | ن | ARABIC LIGATURE NOON WITH MEEM INITIAL FORM<br>≈ <initial> 0646 ن 0645 م            |
| FCD6 | ن | ARABIC LIGATURE NOON WITH HEH INITIAL FORM<br>≈ <initial> 0646 ن 0647 ه             |
| FCD7 | ه | ARABIC LIGATURE HEH WITH JEEM INITIAL FORM<br>≈ <initial> 0647 ه 062C ج             |
| FCD8 | ه | ARABIC LIGATURE HEH WITH MEEM INITIAL FORM<br>≈ <initial> 0647 ه 0645 م             |
| FCD9 | ه | ARABIC LIGATURE HEH WITH SUPERScript ALEF INITIAL FORM<br>≈ <initial> 0647 ه 0670 ة |
| FCDA | ي | ARABIC LIGATURE YEH WITH JEEM INITIAL FORM<br>≈ <initial> 064A ي 062C ج             |
| FCDB | ي | ARABIC LIGATURE YEH WITH HAH INITIAL FORM<br>≈ <initial> 064A ي 062D ح              |
| FCDC | ي | ARABIC LIGATURE YEH WITH KHAH INITIAL FORM<br>≈ <initial> 064A ي 062E خ             |



|      |   |                                                                                        |      |   |                                                                                     |
|------|---|----------------------------------------------------------------------------------------|------|---|-------------------------------------------------------------------------------------|
| FCDD | ع | ARABIC LIGATURE YEH WITH MEEM INITIAL FORM<br>≈ <initial> 064A ي 0645 م                | FCF2 | ـ | ARABIC LIGATURE SHADDA WITH FATHA MEDIAL FORM<br>≈ <medial> 0640. 064E َ 0651 َ     |
| FCDE | ع | ARABIC LIGATURE YEH WITH HEH INITIAL FORM<br>≈ <initial> 064A ي 0647 هـ                | FCF3 | ـ | ARABIC LIGATURE SHADDA WITH DAMMA MEDIAL FORM<br>≈ <medial> 0640. 064F ُ 0651 ُ     |
| FCDF | ع | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM MEDIAL FORM<br>≈ <medial> 0626 ئ 0645 م | FCF4 | ـ | ARABIC LIGATURE SHADDA WITH KASRA MEDIAL FORM<br>≈ <medial> 0640. 0650 ِ 0651 ِ     |
| FCE0 | ع | ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HEH MEDIAL FORM<br>≈ <medial> 0626 ئ 0647 هـ | FCF5 | ط | ARABIC LIGATURE TAH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0637 ط 0649 ي   |
| FCE1 | ع | ARABIC LIGATURE BEH WITH MEEM MEDIAL FORM<br>≈ <medial> 0628 ب 0645 م                  | FCF6 | ط | ARABIC LIGATURE TAH WITH YEH ISOLATED FORM<br>≈ <isolated> 0637 ط 064A ي            |
| FCE2 | ع | ARABIC LIGATURE BEH WITH HEH MEDIAL FORM<br>≈ <medial> 0628 ب 0647 هـ                  | FCF7 | ع | ARABIC LIGATURE AIN WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0639 ع 0649 ي   |
| FCE3 | ع | ARABIC LIGATURE TEH WITH MEEM MEDIAL FORM<br>≈ <medial> 062A ت 0645 م                  | FCF8 | ع | ARABIC LIGATURE AIN WITH YEH ISOLATED FORM<br>≈ <isolated> 0639 ع 064A ي            |
| FCE4 | ع | ARABIC LIGATURE TEH WITH HEH MEDIAL FORM<br>≈ <medial> 062A ت 0647 هـ                  | FCF9 | غ | ARABIC LIGATURE GHAIN WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 063A غ 0649 ي |
| FCE5 | ع | ARABIC LIGATURE THEH WITH MEEM MEDIAL FORM<br>≈ <medial> 062B ث 0645 م                 | FCFA | غ | ARABIC LIGATURE GHAIN WITH YEH ISOLATED FORM<br>≈ <isolated> 063A غ 064A ي          |
| FCE6 | ع | ARABIC LIGATURE THEH WITH HEH MEDIAL FORM<br>≈ <medial> 062B ث 0647 هـ                 | FCFB | ي | ARABIC LIGATURE SEEN WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0633 س 0649 ي  |
| FCE7 | س | ARABIC LIGATURE SEEN WITH MEEM MEDIAL FORM<br>≈ <medial> 0633 س 0645 م                 | FCFC | ي | ARABIC LIGATURE SEEN WITH YEH ISOLATED FORM<br>≈ <isolated> 0633 س 064A ي           |
| FCE8 | س | ARABIC LIGATURE SEEN WITH HEH MEDIAL FORM<br>≈ <medial> 0633 س 0647 هـ                 | FCFD | ش | ARABIC LIGATURE SHEEN WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0634 ش 0649 ي |
| FCE9 | ش | ARABIC LIGATURE SHEEN WITH MEEM MEDIAL FORM<br>≈ <medial> 0634 ش 0645 م                | FCFE | ش | ARABIC LIGATURE SHEEN WITH YEH ISOLATED FORM<br>≈ <isolated> 0634 ش 064A ي          |
| FCEA | ش | ARABIC LIGATURE SHEEN WITH HEH MEDIAL FORM<br>≈ <medial> 0634 ش 0647 هـ                | FCFF | ح | ARABIC LIGATURE HAH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 062D ح 0649 ي   |
| FCEB | ك | ARABIC LIGATURE KAF WITH LAM MEDIAL FORM<br>≈ <medial> 0643 ك 0644 ل                   | FD00 | ح | ARABIC LIGATURE HAH WITH YEH ISOLATED FORM<br>≈ <isolated> 062D ح 064A ي            |
| FCEC | ك | ARABIC LIGATURE KAF WITH MEEM MEDIAL FORM<br>≈ <medial> 0643 ك 0645 م                  | FD01 | ج | ARABIC LIGATURE JEEM WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 062C ج 0649 ي  |
| FCED | ل | ARABIC LIGATURE LAM WITH MEEM MEDIAL FORM<br>≈ <medial> 0644 ل 0645 م                  | FD02 | ج | ARABIC LIGATURE JEEM WITH YEH ISOLATED FORM<br>≈ <isolated> 062C ج 064A ي           |
| FCEE | ن | ARABIC LIGATURE NOON WITH MEEM MEDIAL FORM<br>≈ <medial> 0646 ن 0645 م                 | FD03 | خ | ARABIC LIGATURE KHAH WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 062E خ 0649 ي  |
| FCEF | ن | ARABIC LIGATURE NOON WITH HEH MEDIAL FORM<br>≈ <medial> 0646 ن 0647 هـ                 | FD04 | خ | ARABIC LIGATURE KHAH WITH YEH ISOLATED FORM<br>≈ <isolated> 062E خ 064A ي           |
| FCF0 | ع | ARABIC LIGATURE YEH WITH MEEM MEDIAL FORM<br>≈ <medial> 064A ي 0645 م                  | FD05 | ص | ARABIC LIGATURE SAD WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0635 ص 0649 ي   |
| FCF1 | ع | ARABIC LIGATURE YEH WITH HEH MEDIAL FORM<br>≈ <medial> 064A ي 0647 هـ                  | FD06 | ص | ARABIC LIGATURE SAD WITH YEH ISOLATED FORM<br>≈ <isolated> 0635 ص 064A ي            |

|          |                                                                                    |          |                                                                              |
|----------|------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------|
| FD07 ضى  | ARABIC LIGATURE DAD WITH ALEF MAKSURA ISOLATED FORM<br>≈ <isolated> 0636 ضى 0649 ي | FD1E يحي | ARABIC LIGATURE JEEM WITH YEH FINAL FORM<br>≈ <final> 062C ج 064A ي          |
| FD08 ضي  | ARABIC LIGATURE DAD WITH YEH ISOLATED FORM<br>≈ <isolated> 0636 ضى 064A ي          | FD1F غي  | ARABIC LIGATURE KHAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062E خ 0649 ي |
| FD09 شج  | ARABIC LIGATURE SHEEN WITH JEEM ISOLATED FORM<br>≈ <isolated> 0634 ش 062C ج        | FD20 غي  | ARABIC LIGATURE KHAH WITH YEH FINAL FORM<br>≈ <final> 062E خ 064A ي          |
| FD0A شج  | ARABIC LIGATURE SHEEN WITH HAH ISOLATED FORM<br>≈ <isolated> 0634 ش 062D ح         | FD21 هي  | ARABIC LIGATURE SAD WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0635 ص 0649 ي  |
| FD0B شج  | ARABIC LIGATURE SHEEN WITH KHAH ISOLATED FORM<br>≈ <isolated> 0634 ش 062E خ        | FD22 هي  | ARABIC LIGATURE SAD WITH YEH FINAL FORM<br>≈ <final> 0635 ص 064A ي           |
| FD0C شم  | ARABIC LIGATURE SHEEN WITH MEEM ISOLATED FORM<br>≈ <isolated> 0634 ش 0645 م        | FD23 هني | ARABIC LIGATURE DAD WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0636 ضى 0649 ي |
| FD0D شر  | ARABIC LIGATURE SHEEN WITH REH ISOLATED FORM<br>≈ <isolated> 0634 ش 0631 ر         | FD24 ضي  | ARABIC LIGATURE DAD WITH YEH FINAL FORM<br>≈ <final> 0636 ضى 064A ي          |
| FD0E سر  | ARABIC LIGATURE SEEN WITH REH ISOLATED FORM<br>≈ <isolated> 0633 س 0631 ر          | FD25 شج  | ARABIC LIGATURE SHEEN WITH JEEM FINAL FORM<br>≈ <final> 0634 ش 062C ج        |
| FD0F صر  | ARABIC LIGATURE SAD WITH REH ISOLATED FORM<br>≈ <isolated> 0635 ص 0631 ر           | FD26 شج  | ARABIC LIGATURE SHEEN WITH HAH FINAL FORM<br>≈ <final> 0634 ش 062D ح         |
| FD10 ضر  | ARABIC LIGATURE DAD WITH REH ISOLATED FORM<br>≈ <isolated> 0636 ضى 0631 ر          | FD27 شج  | ARABIC LIGATURE SHEEN WITH KHAH FINAL FORM<br>≈ <final> 0634 ش 062E خ        |
| FD11 حلي | ARABIC LIGATURE TAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0637 ط 0649 ي        | FD28 شم  | ARABIC LIGATURE SHEEN WITH MEEM FINAL FORM<br>≈ <final> 0634 ش 0645 م        |
| FD12 حلي | ARABIC LIGATURE TAH WITH YEH FINAL FORM<br>≈ <final> 0637 ط 064A ي                 | FD29 شر  | ARABIC LIGATURE SHEEN WITH REH FINAL FORM<br>≈ <final> 0634 ش 0631 ر         |
| FD13 هي  | ARABIC LIGATURE AIN WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0639 ع 0649 ي        | FD2A سر  | ARABIC LIGATURE SEEN WITH REH FINAL FORM<br>≈ <final> 0633 س 0631 ر          |
| FD14 هي  | ARABIC LIGATURE AIN WITH YEH FINAL FORM<br>≈ <final> 0639 ع 064A ي                 | FD2B صر  | ARABIC LIGATURE SAD WITH REH FINAL FORM<br>≈ <final> 0635 ص 0631 ر           |
| FD15 غي  | ARABIC LIGATURE GHAIN WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 063A غ 0649 ي      | FD2C ضر  | ARABIC LIGATURE DAD WITH REH FINAL FORM<br>≈ <final> 0636 ضى 0631 ر          |
| FD16 غي  | ARABIC LIGATURE GHAIN WITH YEH FINAL FORM<br>≈ <final> 063A غ 064A ي               | FD2D شج  | ARABIC LIGATURE SHEEN WITH JEEM INITIAL FORM<br>≈ <initial> 0634 ش 062C ج    |
| FD17 سي  | ARABIC LIGATURE SEEN WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0633 س 0649 ي       | FD2E شج  | ARABIC LIGATURE SHEEN WITH HAH INITIAL FORM<br>≈ <initial> 0634 ش 062D ح     |
| FD18 سي  | ARABIC LIGATURE SEEN WITH YEH FINAL FORM<br>≈ <final> 0633 س 064A ي                | FD2F شج  | ARABIC LIGATURE SHEEN WITH KHAH INITIAL FORM<br>≈ <initial> 0634 ش 062E خ    |
| FD19 شني | ARABIC LIGATURE SHEEN WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0634 ش 0649 ي      | FD30 شم  | ARABIC LIGATURE SHEEN WITH MEEM INITIAL FORM<br>≈ <initial> 0634 ش 0645 م    |
| FD1A شني | ARABIC LIGATURE SHEEN WITH YEH FINAL FORM<br>≈ <final> 0634 ش 064A ي               | FD31 سه  | ARABIC LIGATURE SEEN WITH HEH INITIAL FORM<br>≈ <initial> 0633 س 0647 ه      |
| FD1B هي  | ARABIC LIGATURE HAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062D ح 0649 ي        | FD32 شه  | ARABIC LIGATURE SHEEN WITH HEH INITIAL FORM<br>≈ <initial> 0634 ش 0647 ه     |
| FD1C هي  | ARABIC LIGATURE HAH WITH YEH FINAL FORM<br>≈ <final> 062D ح 064A ي                 | FD33 طم  | ARABIC LIGATURE TAH WITH MEEM INITIAL FORM<br>≈ <initial> 0637 ط 0645 م      |
| FD1D يحي | ARABIC LIGATURE JEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062C ج 0649 ي       | FD34 سجه | ARABIC LIGATURE SEEN WITH JEEM MEDIAL FORM<br>≈ <medial> 0633 س 062C ج       |

|      |                                                                                |
|------|--------------------------------------------------------------------------------|
| FD35 | ARABIC LIGATURE SEEN WITH HAH MEDIAL FORM<br>≈ <medial> 0633 ح 062D            |
| FD36 | ARABIC LIGATURE SEEN WITH KHAH MEDIAL FORM<br>≈ <medial> 0633 خ 062E           |
| FD37 | ARABIC LIGATURE SHEEN WITH JEEM MEDIAL FORM<br>≈ <medial> 0634 ش 062C          |
| FD38 | ARABIC LIGATURE SHEEN WITH HAH MEDIAL FORM<br>≈ <medial> 0634 ش 062D           |
| FD39 | ARABIC LIGATURE SHEEN WITH KHAH MEDIAL FORM<br>≈ <medial> 0634 ش 062E          |
| FD3A | ARABIC LIGATURE TAH WITH MEEM MEDIAL FORM<br>≈ <medial> 0637 ط 0645 م          |
| FD3B | ARABIC LIGATURE ZAH WITH MEEM MEDIAL FORM<br>≈ <medial> 0638 ظ 0645 م          |
| FD3C | ARABIC LIGATURE ALEF WITH FATHATAN FINAL FORM<br>≈ <final> 0627 ا 064B َ       |
| FD3D | ARABIC LIGATURE ALEF WITH FATHATAN ISOLATED FORM<br>≈ <isolated> 0627 ا 064B َ |

**Punctuation**

For legacy reasons, these parentheses do not mirror in bidirectional display and do not have the Bidi\_Paired\_Bracket property.

These parentheses also do not have compatibility decompositions and should not be considered presentation forms.

|      |                          |
|------|--------------------------|
| FD3E | ORNATE LEFT PARENTHESIS  |
| FD3F | ORNATE RIGHT PARENTHESIS |

**Honorific word ligatures**

|      |                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FD40 | ARABIC LIGATURE RAHIMAHU ALLAHAH<br>→ 0612 ر َ arabic sign rahmatullah alayhe                                                                                             |
| FD41 | ARABIC LIGATURE RADI ALLAHAHU ANH<br>→ 0613 ر َ arabic sign radi allahou anhu                                                                                             |
| FD42 | ARABIC LIGATURE RADI ALLAHAHU ANHAA                                                                                                                                       |
| FD43 | ARABIC LIGATURE RADI ALLAHAHU ANHUM                                                                                                                                       |
| FD44 | ARABIC LIGATURE RADI ALLAHAHU ANHUMAA                                                                                                                                     |
| FD45 | ARABIC LIGATURE RADI ALLAHAHU ANHUNNA                                                                                                                                     |
| FD46 | ARABIC LIGATURE SALLALLAAHU ALAYHI WA-AALIH<br>→ FDFA ر َ arabic ligature sallallahou alayhe wasallam                                                                     |
| FD47 | ARABIC LIGATURE ALAYHI AS-SALAAM<br>→ 0611 ر َ arabic sign alayhe assallam                                                                                                |
| FD48 | ARABIC LIGATURE ALAYHIM AS-SALAAM                                                                                                                                         |
| FD49 | ARABIC LIGATURE ALAYHIMAA AS-SALAAM                                                                                                                                       |
| FD4A | ARABIC LIGATURE ALAYHI AS-SALAATU WAS-SALAAM                                                                                                                              |
| FD4B | ARABIC LIGATURE QUDDISA SIRRAH                                                                                                                                            |
| FD4C | ARABIC LIGATURE SALLALLAHU ALAYHI WAAALIHEE WA-SALLAM<br>→ FDFA ر َ arabic ligature sallallahou alayhe wasallam<br>→ FD46 ر َ arabic ligature sallallaahu alayhi wa-aalih |
| FD4D | ARABIC LIGATURE ALAYHAA AS-SALAAM                                                                                                                                         |

|      |                                      |
|------|--------------------------------------|
| FD4E | ARABIC LIGATURE TABAARAKA WA-TAAALAA |
| FD4F | ARABIC LIGATURE RAHIMAHUM ALLAHAH    |

**Ligatures (three elements)**

|      |                                                                                               |
|------|-----------------------------------------------------------------------------------------------|
| FD50 | ARABIC LIGATURE TEH WITH JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 062A ت 062C ج 0645 م      |
| FD51 | ARABIC LIGATURE TEH WITH HAH WITH JEEM FINAL FORM<br>≈ <final> 062A ت 062D ج 062C ج           |
| FD52 | ARABIC LIGATURE TEH WITH HAH WITH JEEM INITIAL FORM<br>≈ <initial> 062A ت 062D ج 062C ج       |
| FD53 | ARABIC LIGATURE TEH WITH HAH WITH MEEM INITIAL FORM<br>≈ <initial> 062A ت 062D ج 0645 م       |
| FD54 | ARABIC LIGATURE TEH WITH KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 062A ت 062E خ 0645 م      |
| FD55 | ARABIC LIGATURE TEH WITH MEEM WITH JEEM INITIAL FORM<br>≈ <initial> 062A ت 0645 م 062C ج      |
| FD56 | ARABIC LIGATURE TEH WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 062A ت 0645 م 062D ج       |
| FD57 | ARABIC LIGATURE TEH WITH MEEM WITH KHAH INITIAL FORM<br>≈ <initial> 062A ت 0645 م 062E خ      |
| FD58 | ARABIC LIGATURE JEEM WITH MEEM WITH HAH FINAL FORM<br>≈ <final> 062C ج 0645 م 062D ج          |
| FD59 | ARABIC LIGATURE JEEM WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 062C ج 0645 م 062D ج      |
| FD5A | ARABIC LIGATURE HAH WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 062D ح 0645 م 064A ي           |
| FD5B | ARABIC LIGATURE HAH WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062D ح 0645 م 0649 ي  |
| FD5C | ARABIC LIGATURE SEEN WITH HAH WITH JEEM INITIAL FORM<br>≈ <initial> 0633 س 062D ح 062C ج      |
| FD5D | ARABIC LIGATURE SEEN WITH JEEM WITH HAH INITIAL FORM<br>≈ <initial> 0633 س 062C ج 062D ح      |
| FD5E | ARABIC LIGATURE SEEN WITH JEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0633 س 062C ج 0649 ي |
| FD5F | ARABIC LIGATURE SEEN WITH MEEM WITH HAH FINAL FORM<br>≈ <final> 0633 س 0645 م 062D ح          |
| FD60 | ARABIC LIGATURE SEEN WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 0633 س 0645 م 062D ح      |
| FD61 | ARABIC LIGATURE SEEN WITH MEEM WITH JEEM INITIAL FORM<br>≈ <initial> 0633 س 0645 م 062C ج     |
| FD62 | ARABIC LIGATURE SEEN WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0633 س 0645 م 0645 م         |
| FD63 | ARABIC LIGATURE SEEN WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0633 س 0645 م 0645 م     |

|      |     |                                                                                                |
|------|-----|------------------------------------------------------------------------------------------------|
| FD64 | سج  | ARABIC LIGATURE SAD WITH HAH WITH HAH FINAL FORM<br>≈ <final> 0635 ص 062D ح 062D ح             |
| FD65 | سج  | ARABIC LIGATURE SAD WITH HAH WITH HAH INITIAL FORM<br>≈ <initial> 0635 ص 062D ح 062D ح         |
| FD66 | هم  | ARABIC LIGATURE SAD WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0635 ص 0645 م 0645 م           |
| FD67 | شيم | ARABIC LIGATURE SHEEN WITH HAH WITH MEEM FINAL FORM<br>≈ <final> 0634 ش 062D ح 0645 م          |
| FD68 | شيم | ARABIC LIGATURE SHEEN WITH HAH WITH MEEM INITIAL FORM<br>≈ <initial> 0634 ش 062D ح 0645 م      |
| FD69 | شيم | ARABIC LIGATURE SHEEN WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 0634 ش 062C ح 064A ي          |
| FD6A | شيم | ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH FINAL FORM<br>≈ <final> 0634 ش 0645 م 062E خ         |
| FD6B | شيم | ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH INITIAL FORM<br>≈ <initial> 0634 ش 0645 م 062E خ     |
| FD6C | شيم | ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0634 ش 0645 م 0645 م         |
| FD6D | شيم | ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0634 ش 0645 م 0645 م     |
| FD6E | شيم | ARABIC LIGATURE DAD WITH HAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0636 ض 062D ح 0649 ي    |
| FD6F | شيم | ARABIC LIGATURE DAD WITH KHAH WITH MEEM FINAL FORM<br>≈ <final> 0636 ض 062E خ 0645 م           |
| FD70 | شيم | ARABIC LIGATURE DAD WITH KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 0636 ض 062E خ 0645 م       |
| FD71 | طح  | ARABIC LIGATURE TAH WITH MEEM WITH HAH FINAL FORM<br>≈ <final> 0637 ط 0645 م 062D ح            |
| FD72 | طح  | ARABIC LIGATURE TAH WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 0637 ط 0645 م 062D ح        |
| FD73 | طح  | ARABIC LIGATURE TAH WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0637 ط 0645 م 0645 م       |
| FD74 | طح  | ARABIC LIGATURE TAH WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0637 ط 0645 م 064A ي            |
| FD75 | جم  | ARABIC LIGATURE AIN WITH JEEM WITH MEEM FINAL FORM<br>≈ <final> 0639 ع 062C ح 0645 م           |
| FD76 | هم  | ARABIC LIGATURE AIN WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0639 ع 0645 م 0645 م           |
| FD77 | عم  | ARABIC LIGATURE AIN WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0639 ع 0645 م 0645 م       |
| FD78 | هي  | ARABIC LIGATURE AIN WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0639 ع 0645 م 0649 ي   |
| FD79 | هم  | ARABIC LIGATURE GHAIN WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 063A غ 0645 م 0645 م         |
| FD7A | فهي | ARABIC LIGATURE GHAIN WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 063A غ 0645 م 064A ي          |
| FD7B | فهي | ARABIC LIGATURE GHAIN WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 063A غ 0645 م 0649 ي |
| FD7C | فهم | ARABIC LIGATURE FEH WITH KHAH WITH MEEM FINAL FORM<br>≈ <final> 0641 ف 062E خ 0645 م           |
| FD7D | فهم | ARABIC LIGATURE FEH WITH KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 0641 ف 062E خ 0645 م       |
| FD7E | قح  | ARABIC LIGATURE QAF WITH MEEM WITH HAH FINAL FORM<br>≈ <final> 0642 ق 0645 م 062D ح            |
| FD7F | قهم | ARABIC LIGATURE QAF WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0642 ق 0645 م 0645 م           |
| FD80 | لحم | ARABIC LIGATURE LAM WITH HAH WITH MEEM FINAL FORM<br>≈ <final> 0644 ل 062D ح 0645 م            |
| FD81 | لطي | ARABIC LIGATURE LAM WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0644 ل 062D ح 064A ي             |
| FD82 | لطي | ARABIC LIGATURE LAM WITH HAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0644 ل 062D ح 0649 ي    |
| FD83 | لجم | ARABIC LIGATURE LAM WITH JEEM WITH JEEM INITIAL FORM<br>≈ <initial> 0644 ل 062C ح 062C ج       |
| FD84 | لجم | ARABIC LIGATURE LAM WITH JEEM WITH JEEM FINAL FORM<br>≈ <final> 0644 ل 062C ح 062C ج           |
| FD85 | لحم | ARABIC LIGATURE LAM WITH KHAH WITH MEEM FINAL FORM<br>≈ <final> 0644 ل 062E خ 0645 م           |
| FD86 | لحم | ARABIC LIGATURE LAM WITH KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 0644 ل 062E خ 0645 م       |
| FD87 | لحم | ARABIC LIGATURE LAM WITH MEEM WITH HAH FINAL FORM<br>≈ <final> 0644 ل 0645 م 062D ح            |
| FD88 | لحم | ARABIC LIGATURE LAM WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 0644 ل 0645 م 062D ح        |
| FD89 | لجم | ARABIC LIGATURE MEEM WITH HAH WITH JEEM INITIAL FORM<br>≈ <initial> 0645 م 062D ح 062C ج       |
| FD8A | لجم | ARABIC LIGATURE MEEM WITH HAH WITH MEEM INITIAL FORM<br>≈ <initial> 0645 م 062D ح 0645 م       |
| FD8B | لطي | ARABIC LIGATURE MEEM WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0645 م 062D ح 064A ي            |
| FD8C | لجم | ARABIC LIGATURE MEEM WITH JEEM WITH HAH INITIAL FORM<br>≈ <initial> 0645 م 062C ح 062D ح       |
| FD8D | لجم | ARABIC LIGATURE MEEM WITH JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0645 م 062C ح 0645 م      |

## FD8E

## Arabic Presentation Forms-A

## FDB9

|      |     |                                                                                               |
|------|-----|-----------------------------------------------------------------------------------------------|
| FD8E | عجى | ARABIC LIGATURE MEEM WITH KHAH WITH JEEM INITIAL FORM<br>≈ <initial> 0645 م 062E ج 062C ح     |
| FD8F | عجى | ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM<br>≈ <initial> 0645 م 062E ج 0645 م     |
| FD90 | عجى | <reserved>                                                                                    |
| FD91 | عجى | <reserved>                                                                                    |
| FD92 | عجى | ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INITIAL FORM<br>≈ <initial> 0645 م 062C ج 062E خ     |
| FD93 | عجى | ARABIC LIGATURE HEH WITH MEEM WITH JEEM INITIAL FORM<br>≈ <initial> 0647 هـ 0645 م 062C ج     |
| FD94 | عجى | ARABIC LIGATURE HEH WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0647 هـ 0645 م 0645 م     |
| FD95 | عجى | ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM<br>≈ <initial> 0646 ن 062D ح 0645 م      |
| FD96 | عجى | ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0646 ن 062D ح 0649 ي  |
| FD97 | عجى | ARABIC LIGATURE NOON WITH JEEM WITH MEEM FINAL FORM<br>≈ <final> 0646 ن 062C ج 0645 م         |
| FD98 | عجى | ARABIC LIGATURE NOON WITH JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0646 ن 062C ج 0645 م     |
| FD99 | عجى | ARABIC LIGATURE NOON WITH JEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0646 ن 062C ج 0649 ي |
| FD9A | عجى | ARABIC LIGATURE NOON WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0646 ن 0645 م 064A ي          |
| FD9B | عجى | ARABIC LIGATURE NOON WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0646 ن 0645 م 0649 ي |
| FD9C | عجى | ARABIC LIGATURE YEH WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 064A ي 0645 م 0645 م          |
| FD9D | عجى | ARABIC LIGATURE YEH WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 064A ي 0645 م 0645 م      |
| FD9E | عجى | ARABIC LIGATURE BEH WITH KHAH WITH YEH FINAL FORM<br>≈ <final> 0628 ب 062E ج 064A ي           |
| FD9F | عجى | ARABIC LIGATURE TEH WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 062A ت 062C ج 064A ي           |
| FDA0 | عجى | ARABIC LIGATURE TEH WITH JEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062A ت 062C ج 0649 ي  |
| FDA1 | عجى | ARABIC LIGATURE TEH WITH KHAH WITH YEH FINAL FORM<br>≈ <final> 062A ت 062E ج 064A ي           |
| FDA2 | عجى | ARABIC LIGATURE TEH WITH KHAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062A ت 062E ج 0649 ي  |
| FDA3 | عجى | ARABIC LIGATURE TEH WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 062A ت 0645 م 064A ي           |
| FDA4 | عجى | ARABIC LIGATURE TEH WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062A ت 0645 م 0649 ي  |
| FDA5 | عجى | ARABIC LIGATURE JEEM WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 062C ج 0645 م 064A ي          |
| FDA6 | عجى | ARABIC LIGATURE JEEM WITH HAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062C ج 0649 ي 062D ح  |
| FDA7 | عجى | ARABIC LIGATURE JEEM WITH MEEM WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 062C ج 0645 م 0649 ي |
| FDA8 | عجى | ARABIC LIGATURE SEEN WITH KHAH WITH ALEF MAKSURA FINAL FORM<br>≈ <final> 0633 س 062E ج 0649 ي |
| FDA9 | عجى | ARABIC LIGATURE SAD WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0635 ص 062D ح 064A ي            |
| FDAA | عجى | ARABIC LIGATURE SHEEN WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0634 ش 062D ح 064A ي          |
| FDAB | عجى | ARABIC LIGATURE DAD WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0636 ض 062D ح 064A ي            |
| FDAC | عجى | ARABIC LIGATURE LAM WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 0644 ل 062C ج 064A ي           |
| FDAD | عجى | ARABIC LIGATURE LAM WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0644 ل 0645 م 064A ي           |
| FDAE | عجى | ARABIC LIGATURE YEH WITH HAH WITH YEH FINAL FORM<br>≈ <final> 064A ي 062D ح 064A ي            |
| FDAF | عجى | ARABIC LIGATURE YEH WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 064A ي 062C ج 064A ي           |
| FDB0 | عجى | ARABIC LIGATURE YEH WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 064A ي 0645 م 064A ي           |
| FDB1 | عجى | ARABIC LIGATURE MEEM WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0645 م 0645 م 064A ي          |
| FDB2 | عجى | ARABIC LIGATURE QAF WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0642 ق 0645 م 064A ي           |
| FDB3 | عجى | ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0646 ن 062D ح 064A ي           |
| FDB4 | عجى | ARABIC LIGATURE QAF WITH MEEM WITH HAH INITIAL FORM<br>≈ <initial> 0642 ق 0645 م 062D ح       |
| FDB5 | عجى | ARABIC LIGATURE LAM WITH HAH WITH MEEM INITIAL FORM<br>≈ <initial> 0644 ل 062D ح 0645 م       |
| FDB6 | عجى | ARABIC LIGATURE AIN WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0639 ع 0645 م 064A ي           |
| FDB7 | عجى | ARABIC LIGATURE KAF WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0643 ك 0645 م 064A ي           |
| FDB8 | عجى | ARABIC LIGATURE NOON WITH JEEM WITH HAH INITIAL FORM<br>≈ <initial> 0646 ن 062C ج 062D ح      |
| FDB9 | عجى | ARABIC LIGATURE MEEM WITH KHAH WITH YEH FINAL FORM<br>≈ <final> 0645 م 062E ج 064A ي          |



|      |     |                                                                                          |
|------|-----|------------------------------------------------------------------------------------------|
| FDBA | لج  | ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0644 ل 062C ج 0645 م |
| FDBB | كهم | ARABIC LIGATURE KAF WITH MEEM WITH MEEM FINAL FORM<br>≈ <final> 0643 ك 0645 م 0645 م     |
| FDBC | لم  | ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM<br>≈ <final> 0644 ل 062C ج 0645 م     |
| FDBD | نح  | ARABIC LIGATURE NOON WITH JEEM WITH HAH FINAL FORM<br>≈ <final> 0646 ن 062C ج 062D ح     |
| FDBE | عهي | ARABIC LIGATURE JEEM WITH HAH WITH YEH FINAL FORM<br>≈ <final> 062C ج 062D ح 064A ي      |
| FDBF | عهي | ARABIC LIGATURE HAH WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 062D ح 062C ج 064A ي      |
| FDC0 | مهي | ARABIC LIGATURE MEEM WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 0645 م 062C ج 064A ي     |
| FDC1 | فهي | ARABIC LIGATURE FEH WITH MEEM WITH YEH FINAL FORM<br>≈ <final> 0641 ف 0645 م 064A ي      |
| FDC2 | بهي | ARABIC LIGATURE BEH WITH HAH WITH YEH FINAL FORM<br>≈ <final> 0628 ب 062D ح 064A ي       |
| FDC3 | كه  | ARABIC LIGATURE KAF WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0643 ك 0645 م 0645 م |
| FDC4 | نح  | ARABIC LIGATURE AIN WITH JEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0639 ع 062C ج 0645 م |
| FDC5 | صه  | ARABIC LIGATURE SAD WITH MEEM WITH MEEM INITIAL FORM<br>≈ <initial> 0635 ص 0645 م 0645 م |
| FDC6 | سهي | ARABIC LIGATURE SEEN WITH KHAH WITH YEH FINAL FORM<br>≈ <final> 0633 س 062E خ 064A ي     |
| FDC7 | نهي | ARABIC LIGATURE NOON WITH JEEM WITH YEH FINAL FORM<br>≈ <final> 0646 ن 062C ج 064A ي     |

**Honorific word ligature**

|      |   |                                   |
|------|---|-----------------------------------|
| FDCF | ﷺ | ARABIC LIGATURE SALAAMUHU ALAYNAA |
|      |   | • his blessing on us              |
|      |   | • used in Christian texts         |

**Noncharacters**

These codes are intended for process-internal uses.

|      |   |                   |
|------|---|-------------------|
| FDD0 | ■ | <not a character> |
| FDD1 | ■ | <not a character> |
| FDD2 | ■ | <not a character> |
| FDD3 | ■ | <not a character> |
| FDD4 | ■ | <not a character> |
| FDD5 | ■ | <not a character> |
| FDD6 | ■ | <not a character> |
| FDD7 | ■ | <not a character> |
| FDD8 | ■ | <not a character> |
| FDD9 | ■ | <not a character> |
| FDDA | ■ | <not a character> |
| Fddb | ■ | <not a character> |
| FDDC | ■ | <not a character> |
| FDDD | ■ | <not a character> |
| FDDE | ■ | <not a character> |

|      |   |                   |
|------|---|-------------------|
| FDDF | ■ | <not a character> |
| FDE0 | ■ | <not a character> |
| FDE1 | ■ | <not a character> |
| FDE2 | ■ | <not a character> |
| FDE3 | ■ | <not a character> |
| FDE4 | ■ | <not a character> |
| FDE5 | ■ | <not a character> |
| FDE6 | ■ | <not a character> |
| FDE7 | ■ | <not a character> |
| FDE8 | ■ | <not a character> |
| FDE9 | ■ | <not a character> |
| FDEA | ■ | <not a character> |
| FDEB | ■ | <not a character> |
| FDEC | ■ | <not a character> |
| FDED | ■ | <not a character> |
| FDEE | ■ | <not a character> |
| FDEF | ■ | <not a character> |

**Word ligatures**

|      |      |                                                                                                                                                                                                    |
|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FDF0 | صله  | ARABIC LIGATURE SALLA USED AS KORANIC STOP SIGN ISOLATED FORM<br>≈ <isolated> 0635 ص 0644 ل 06D2 ع                                                                                                 |
| FDF1 | قله  | ARABIC LIGATURE QALA USED AS KORANIC STOP SIGN ISOLATED FORM<br>≈ <isolated> 0642 ق 0644 ل 06D2 ع                                                                                                  |
| FDF2 | الله | ARABIC LIGATURE ALLAH ISOLATED FORM<br>≈ <isolated> 0627 ا 0644 ل 0647 ه                                                                                                                           |
| FDF3 | اكر  | ARABIC LIGATURE AKBAR ISOLATED FORM<br>≈ <isolated> 0627 ا 0643 ك 0628 ب 0631 ر                                                                                                                    |
| FDF4 | محمد | ARABIC LIGATURE MOHAMMAD ISOLATED FORM<br>≈ <isolated> 0645 م 062D ح 0645 م 062F د                                                                                                                 |
| FDF5 | صلم  | ARABIC LIGATURE SALAM ISOLATED FORM<br>• common abbreviation for sallallahou alayhe wasallam<br>→ FDFA ﷺ arabic ligature sallallahou alayhe wasallam<br>≈ <isolated> 0635 ص 0644 ل 0639 ع 0645 م   |
| FDF6 | رسول | ARABIC LIGATURE RASOUL ISOLATED FORM<br>≈ <isolated> 0631 ر 0633 س 0648 و 0644 ل                                                                                                                   |
| FDF7 | عليه | ARABIC LIGATURE ALAYHE ISOLATED FORM<br>≈ <isolated> 0639 ع 0644 ل 064A ي 0647 ه                                                                                                                   |
| FDF8 | وسلم | ARABIC LIGATURE WASALLAM ISOLATED FORM<br>≈ <isolated> 0648 و 0633 س 0644 ل 0645 م                                                                                                                 |
| FDF9 | صلي  | ARABIC LIGATURE SALLA ISOLATED FORM<br>≈ <isolated> 0635 ص 0644 ل 0649 ي                                                                                                                           |
| FDFA | ﷺ    | ARABIC LIGATURE SALLALLAHOU ALAYHE WASALLAM<br>≈ <isolated> 0635 ص 0644 ل 0649 ي 0020 [SP] 0627 ا 0644 ل 0644 ل 0647 ه 0020 [SP] 0639 ع 0644 ل 064A ي 0647 ه 0020 [SP] 0648 و 0645 م 0644 ل 0633 س |
| FDFB | ﷺ    | ARABIC LIGATURE JALLAJALALOUHOU<br>≈ <isolated> 062C ج 0644 ل 0020 [SP] 062C ج 0644 ل 0627 ا 0644 ل 0647 ه                                                                                         |

**Currency symbol**

|      |      |                                                       |
|------|------|-------------------------------------------------------|
| FDFC | ريال | RIAL SIGN<br>≈ <isolated> 0631 ر 06CC ي 0627 ا 0644 ل |
|------|------|-------------------------------------------------------|

**Honorific word ligatures**

These word ligatures have no decompositions.

|      |   |                                               |
|------|---|-----------------------------------------------|
| FDFF | ﷻ | ARABIC LIGATURE BISMILLAH AR-RAHMAN AR-RAHEEM |
|------|---|-----------------------------------------------|

|      |                                                                                   |                                       |
|------|-----------------------------------------------------------------------------------|---------------------------------------|
| FDFF |  | ARABIC LIGATURE SUBHAANAHU WA TAAALAA |
| FDFF |  | ARABIC LIGATURE AZZA WA JALL          |

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|   |      |
|---|------|
|   | FE1  |
| 0 | FE10 |
| 1 | FE11 |
| 2 | FE12 |
| 3 | FE13 |
| 4 | FE14 |
| 5 | FE15 |
| 6 | FE16 |
| 7 | FE17 |
| 8 | FE18 |
| 9 | FE19 |
| A |      |
| B |      |
| C |      |
| D |      |
| E |      |
| F |      |

These characters are compatibility characters needed to map to GB 18030.

Glyphs for vertical variants

|      |                                                                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FE10 | PRESENTATION FORM FOR VERTICAL COMMA<br>→ FE50 , small comma<br>≈ <vertical> 002C ,                                                                                                                                       |
| FE11 | PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC COMMA<br>→ FE45 〰 sesame dot<br>→ FE51 〰 small ideographic comma<br>≈ <vertical> 3001 〰                                                                                        |
| FE12 | PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC FULL STOP<br>≈ <vertical> 3002 。                                                                                                                                               |
| FE13 | PRESENTATION FORM FOR VERTICAL COLON<br>→ FE55 : small colon<br>≈ <vertical> 003A :                                                                                                                                       |
| FE14 | PRESENTATION FORM FOR VERTICAL SEMICOLON<br>→ FE54 ; small semicolon<br>≈ <vertical> 003B ;                                                                                                                               |
| FE15 | PRESENTATION FORM FOR VERTICAL EXCLAMATION MARK<br>→ FE57 ! small exclamation mark<br>≈ <vertical> 0021 !                                                                                                                 |
| FE16 | PRESENTATION FORM FOR VERTICAL QUESTION MARK<br>→ FE56 ? small question mark<br>≈ <vertical> 003F ?                                                                                                                       |
| FE17 | PRESENTATION FORM FOR VERTICAL LEFT WHITE LENTICULAR BRACKET<br>≈ <vertical> 3016 〔                                                                                                                                       |
| FE18 | PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET<br>※ PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET<br>• misspelling of "BRACKET" in character name is a known defect<br>≈ <vertical> 3017 〕 |
| FE19 | PRESENTATION FORM FOR VERTICAL HORIZONTAL ELLIPSIS<br>→ 22EE ； vertical ellipsis<br>≈ <vertical> 2026 ...                                                                                                                 |

|   | FE3                                                                                         | FE4                                                                                         |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>FE30   | <br>FE40   |
| 1 | <br>FE31   | <br>FE41   |
| 2 | <br>FE32   | <br>FE42   |
| 3 | <br>FE33   | <br>FE43   |
| 4 | <br>FE34   | <br>FE44   |
| 5 | <br>FE35   | <br>FE45   |
| 6 | <br>FE36   | <br>FE46  |
| 7 | <br>FE37 | <br>FE47 |
| 8 | <br>FE38 | <br>FE48 |
| 9 | <br>FE39 | <br>FE49 |
| A | <br>FE3A | <br>FE4A |
| B | <br>FE3B | <br>FE4B |
| C | <br>FE3C | <br>FE4C |
| D | <br>FE3D | <br>FE4D |
| E | <br>FE3E | <br>FE4E |
| F | <br>FE3F | <br>FE4F |

**Glyphs for vertical variants**

|      |   |                                                                                                                              |
|------|---|------------------------------------------------------------------------------------------------------------------------------|
| FE30 | : | PRESENTATION FORM FOR VERTICAL TWO DOT LEADER<br>≈ <vertical> 2025 ..                                                        |
| FE31 |   | PRESENTATION FORM FOR VERTICAL EM DASH<br>≈ <vertical> 2014 —                                                                |
| FE32 | ' | PRESENTATION FORM FOR VERTICAL EN DASH<br>≈ <vertical> 2013 —                                                                |
| FE33 |   | PRESENTATION FORM FOR VERTICAL LOW LINE<br>≈ <vertical> 005F _                                                               |
| FE34 | } | PRESENTATION FORM FOR VERTICAL WAVY LOW LINE<br>≈ <vertical> 005F _                                                          |
| FE35 | ( | PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS<br>→ 23DC ( top parenthesis<br>≈ <vertical> 0028 (                           |
| FE36 | ) | PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS<br>→ 23DD ) bottom parenthesis<br>≈ <vertical> 0029 )                       |
| FE37 | { | PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET<br>→ 23DE { top curly bracket<br>≈ <vertical> 007B {                       |
| FE38 | } | PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET<br>→ 23DF } bottom curly bracket<br>≈ <vertical> 007D }                   |
| FE39 | [ | PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET<br>→ 23E0 [ top tortoise shell bracket<br>≈ <vertical> 3014 [     |
| FE3A | ] | PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET<br>→ 23E1 ] bottom tortoise shell bracket<br>≈ <vertical> 3015 ] |
| FE3B | 【 | PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET<br>≈ <vertical> 3010 【                                          |
| FE3C | 】 | PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET<br>≈ <vertical> 3011 】                                         |
| FE3D | 《 | PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET<br>≈ <vertical> 300A 《                                              |
| FE3E | 》 | PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET<br>≈ <vertical> 300B 》                                             |
| FE3F | ◁ | PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET<br>≈ <vertical> 3008 ◁                                                     |
| FE40 | ▷ | PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET<br>≈ <vertical> 3009 ▷                                                    |
| FE41 | ┌ | PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET<br>≈ <vertical> 300C ┌                                                    |
| FE42 | ┐ | PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET<br>≈ <vertical> 300D ┐                                                   |
| FE43 | └ | PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET<br>≈ <vertical> 300E └                                              |

|      |   |                                                                                  |
|------|---|----------------------------------------------------------------------------------|
| FE44 | ┘ | PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET<br>≈ <vertical> 300F ┘ |
|------|---|----------------------------------------------------------------------------------|

**Sidelining emphasis marks**

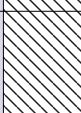
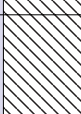
|      |   |                                                                              |
|------|---|------------------------------------------------------------------------------|
| FE45 | ◌ | SESAME DOT<br>→ FE51 、 small ideographic comma                               |
| FE46 | ◌ | WHITE SESAME DOT<br>• sesame dots are used beside vertical text for emphasis |

**Glyphs for vertical variants**

|      |   |                                                                                                              |
|------|---|--------------------------------------------------------------------------------------------------------------|
| FE47 | ┌ | PRESENTATION FORM FOR VERTICAL LEFT SQUARE BRACKET<br>→ 23B4 ┌ top square bracket<br>≈ <vertical> 005B [     |
| FE48 | ┐ | PRESENTATION FORM FOR VERTICAL RIGHT SQUARE BRACKET<br>→ 23B5 ┐ bottom square bracket<br>≈ <vertical> 005D ] |

**Overscores and underscores**

|      |   |                                           |
|------|---|-------------------------------------------|
| FE49 | — | DASHED OVERLINE<br>≈ 203E — overline      |
| FE4A | — | CENTRELINE OVERLINE<br>≈ 203E — overline  |
| FE4B | — | WAVY OVERLINE<br>≈ 203E — overline        |
| FE4C | — | DOUBLE WAVY OVERLINE<br>≈ 203E — overline |
| FE4D | — | DASHED LOW LINE<br>≈ 005F _ low line      |
| FE4E | — | CENTRELINE LOW LINE<br>≈ 005F _ low line  |
| FE4F | — | WAVY LOW LINE<br>≈ 005F _ low line        |

|   | FE5                                                                                         | FE6                                                                                         |
|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>FE50   | <br>FE60   |
| 1 | <br>FE51   | <br>FE61   |
| 2 | <br>FE52   | <br>FE62   |
| 3 |            | <br>FE63   |
| 4 | <br>FE54   | <br>FE64   |
| 5 | <br>FE55   | <br>FE65   |
| 6 | <br>FE56  | <br>FE66  |
| 7 | <br>FE57 |          |
| 8 | <br>FE58 | <br>FE68 |
| 9 | <br>FE59 | <br>FE69 |
| A | <br>FE5A | <br>FE6A |
| B | <br>FE5B | <br>FE6B |
| C | <br>FE5C |          |
| D | <br>FE5D |          |
| E | <br>FE5E |          |
| F | <br>FE5F |          |

Compatibility variants for CNS 11643.

#### Small form variants

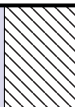
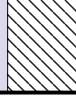
|      |    |                                    |                                                                                                      |
|------|----|------------------------------------|------------------------------------------------------------------------------------------------------|
| FE50 | ,  | SMALL COMMA                        | → FE10 ' presentation form for vertical comma<br>≈ <small> 002C ,                                    |
| FE51 | 、  | SMALL IDEOGRAPHIC COMMA            | → FE11 、 presentation form for vertical ideographic comma<br>→ FE45 〰 sesame dot<br>≈ <small> 3001 、 |
| FE52 | .  | SMALL FULL STOP                    | ≈ <small> 002E .                                                                                     |
| FE53 | ␣  | <reserved>                         |                                                                                                      |
| FE54 | ;  | SMALL SEMICOLON                    | → FE14 ; presentation form for vertical semicolon<br>≈ <small> 003B ;                                |
| FE55 | :  | SMALL COLON                        | → FE13 : presentation form for vertical colon<br>≈ <small> 003A :                                    |
| FE56 | ?  | SMALL QUESTION MARK                | ≈ <small> 003F ?                                                                                     |
| FE57 | !  | SMALL EXCLAMATION MARK             | ≈ <small> 0021 !                                                                                     |
| FE58 | —  | SMALL EM DASH                      | ≈ <small> 2014 —                                                                                     |
| FE59 | (  | SMALL LEFT PARENTHESIS             | ≈ <small> 0028 (                                                                                     |
| FE5A | )  | SMALL RIGHT PARENTHESIS            | ≈ <small> 0029 )                                                                                     |
| FE5B | {  | SMALL LEFT CURLY BRACKET           | ≈ <small> 007B {                                                                                     |
| FE5C | }  | SMALL RIGHT CURLY BRACKET          | ≈ <small> 007D }                                                                                     |
| FE5D | [  | SMALL LEFT TORTOISE SHELL BRACKET  | ≈ <small> 3014 [                                                                                     |
| FE5E | ]  | SMALL RIGHT TORTOISE SHELL BRACKET | ≈ <small> 3015 ]                                                                                     |
| FE5F | #  | SMALL NUMBER SIGN                  | ≈ <small> 0023 #                                                                                     |
| FE60 | &  | SMALL AMPERSAND                    | ≈ <small> 0026 &                                                                                     |
| FE61 | *  | SMALL ASTERISK                     | ≈ <small> 002A *                                                                                     |
| FE62 | +  | SMALL PLUS SIGN                    | ≈ <small> 002B +                                                                                     |
| FE63 | -  | SMALL HYPHEN-MINUS                 | ≈ <small> 002D -                                                                                     |
| FE64 | <  | SMALL LESS-THAN SIGN               | ≈ <small> 003C <                                                                                     |
| FE65 | >  | SMALL GREATER-THAN SIGN            | ≈ <small> 003E >                                                                                     |
| FE66 | =  | SMALL EQUALS SIGN                  | ≈ <small> 003D =                                                                                     |
| FE67 | ␣  | <reserved>                         |                                                                                                      |
| FE68 | \  | SMALL REVERSE SOLIDUS              | ≈ <small> 005C \                                                                                     |
| FE69 | \$ | SMALL DOLLAR SIGN                  | ≈ <small> 0024 \$                                                                                    |
| FE6A | %  | SMALL PERCENT SIGN                 | ≈ <small> 0025 %                                                                                     |

FE6B @ SMALL COMMERCIAL AT  
≈ <small> 0040 @

FF00

Halfwidth and Fullwidth Forms

FFEF

|   | FF0                                                                               | FF1       | FF2       | FF3       | FF4       | FF5       | FF6       | FF7       | FF8       | FF9       | FFA                                                                                          | FFB                                                                                   | FFC                                                                                   | FFD                                                                                   | FFE                                                                                   |
|---|-----------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 0 |  | 0<br>FF10 | @<br>FF20 | P<br>FF30 | `<br>FF40 | p<br>FF50 | )<br>FF60 | ー<br>FF70 | タ<br>FF80 | ミ<br>FF90 |  HW<br>HF | ぢ<br>FFB0                                                                             |    |    | ¢<br>FFE0                                                                             |
| 1 | !<br>FF01                                                                         | 1<br>FF11 | A<br>FF21 | Q<br>FF31 | a<br>FF41 | q<br>FF51 | 。<br>FF61 | ア<br>FF71 | チ<br>FF81 | ム<br>FF91 | ㇏<br>FFA1                                                                                    | ロ<br>FFB1                                                                             |    |    | £<br>FFE1                                                                             |
| 2 | "<br>FF02                                                                         | 2<br>FF12 | B<br>FF22 | R<br>FF32 | b<br>FF42 | r<br>FF52 | 「<br>FF62 | イ<br>FF72 | ツ<br>FF82 | メ<br>FF92 | ㇏<br>FFA2                                                                                    | 日<br>FFB2                                                                             | ト<br>FFC2                                                                             | ㇏<br>FFD2                                                                             | FFE2                                                                                  |
| 3 | #<br>FF03                                                                         | 3<br>FF13 | C<br>FF23 | S<br>FF33 | c<br>FF43 | s<br>FF53 | 」<br>FF63 | ウ<br>FF73 | テ<br>FF83 | モ<br>FF93 | ㇏<br>FFA3                                                                                    | 冊<br>FFB3                                                                             | ㇏<br>FFC3                                                                             | ㇏<br>FFD3                                                                             | FFE3                                                                                  |
| 4 | \$<br>FF04                                                                        | 4<br>FF14 | D<br>FF24 | T<br>FF34 | d<br>FF44 | t<br>FF54 | 、<br>FF64 | エ<br>FF74 | ト<br>FF84 | ヤ<br>FF94 | ㇏<br>FFA4                                                                                    | ㇏<br>FFB4                                                                             | ㇏<br>FFC4                                                                             | ㇏<br>FFD4                                                                             | FFE4                                                                                  |
| 5 | %<br>FF05                                                                         | 5<br>FF15 | E<br>FF25 | U<br>FF35 | e<br>FF45 | u<br>FF55 | ・<br>FF65 | オ<br>FF75 | ナ<br>FF85 | ユ<br>FF95 | ㇏<br>FFA5                                                                                    | ㇏<br>FFB5                                                                             | ㇏<br>FFC5                                                                             | ㇏<br>FFD5                                                                             | FFE5                                                                                  |
| 6 | &<br>FF06                                                                         | 6<br>FF16 | F<br>FF26 | V<br>FF36 | f<br>FF46 | v<br>FF56 | ヲ<br>FF66 | カ<br>FF76 | ニ<br>FF86 | ヨ<br>FF96 | ㇏<br>FFA6                                                                                    | ㇏<br>FFB6                                                                             | ㇏<br>FFC6                                                                             | ㇏<br>FFD6                                                                             | FFE6                                                                                  |
| 7 | '<br>FF07                                                                         | 7<br>FF17 | G<br>FF27 | W<br>FF37 | g<br>FF47 | w<br>FF57 | ㇏<br>FF67 | キ<br>FF77 | ヌ<br>FF87 | ラ<br>FF97 | ㇏<br>FFA7                                                                                    | ㇏<br>FFB7                                                                             | ㇏<br>FFC7                                                                             | ㇏<br>FFD7                                                                             |  |
| 8 | (<br>FF08                                                                         | 8<br>FF18 | H<br>FF28 | X<br>FF38 | h<br>FF48 | x<br>FF58 | イ<br>FF68 | ク<br>FF78 | ネ<br>FF88 | リ<br>FF98 | ㇏<br>FFA8                                                                                    | ㇏<br>FFB8                                                                             |  |  | <br>FFE8                                                                              |
| 9 | )<br>FF09                                                                         | 9<br>FF19 | I<br>FF29 | Y<br>FF39 | i<br>FF49 | y<br>FF59 | ウ<br>FF69 | ケ<br>FF79 | ノ<br>FF89 | ル<br>FF99 | ㇏<br>FFA9                                                                                    | ㇏<br>FFB9                                                                             |  |  | ←<br>FFE9                                                                             |
| A | *<br>FF0A                                                                         | :<br>FF1A | J<br>FF2A | Z<br>FF3A | j<br>FF4A | z<br>FF5A | エ<br>FF6A | コ<br>FF7A | ハ<br>FF8A | レ<br>FF9A | ㇏<br>FFAa                                                                                    | ㇏<br>FFBa                                                                             | ㇏<br>FFCa                                                                             | ㇏<br>FFDa                                                                             | ↑<br>FFEA                                                                             |
| B | +<br>FF0B                                                                         | ;<br>FF1B | K<br>FF2B | [<br>FF3B | k<br>FF4B | {<br>FF5B | オ<br>FF6B | サ<br>FF7B | ヒ<br>FF8B | ロ<br>FF9B | ㇏<br>FFAB                                                                                    | ㇏<br>FFBB                                                                             | ㇏<br>FFCB                                                                             | ㇏<br>FFDB                                                                             | →<br>FFEB                                                                             |
| C | ,<br>FF0C                                                                         | <<br>FF1C | L<br>FF2C | \<br>FF3C | l<br>FF4C | <br>FF5C  | ヤ<br>FF6C | シ<br>FF7C | フ<br>FF8C | ワ<br>FF9C | ㇏<br>FFAC                                                                                    | ㇏<br>FFBC                                                                             | ㇏<br>FFCC                                                                             | ㇏<br>FFDC                                                                             | ↓<br>FFEC                                                                             |
| D | —<br>FF0D                                                                         | =<br>FF1D | M<br>FF2D | ]<br>FF3D | m<br>FF4D | }<br>FF5D | ㇏<br>FF6D | ㇏<br>FF7D | ㇏<br>FF8D | ㇏<br>FF9D | ㇏<br>FFAD                                                                                    | ㇏<br>FFBD                                                                             | ㇏<br>FFCD                                                                             |  | ■<br>FFED                                                                             |
| E | .<br>FF0E                                                                         | ><br>FF1E | N<br>FF2E | ^<br>FF3E | n<br>FF4E | ~<br>FF5E | ㇏<br>FF6E | ㇏<br>FF7E | ㇏<br>FF8E | ㇏<br>FF9E | ㇏<br>FFAE                                                                                    | ㇏<br>FFBE                                                                             | ㇏<br>FFCE                                                                             |  | ○<br>FFEE                                                                             |
| F | /<br>FF0F                                                                         | ?<br>FF1F | O<br>FF2F | —<br>FF3F | o<br>FF4F | ㇏<br>FF5F | ㇏<br>FF6F | ㇏<br>FF7F | ㇏<br>FF8F | ㇏<br>FF9F | ㇏<br>FFAF                                                                                    |  | ㇏<br>FFCF                                                                             |  |  |

**Fullwidth ASCII variants**

See ASCII 0020-007E

|      |    |                                                                                                                                                                           |
|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FF01 | !  | FULLWIDTH EXCLAMATION MARK<br>~ FF01 FE00 ! corner-justified form<br>~ FF01 FE01 ! centered form<br>≈ <wide> 0021 !                                                       |
| FF02 | "  | FULLWIDTH QUOTATION MARK<br>≈ <wide> 0022 "                                                                                                                               |
| FF03 | #  | FULLWIDTH NUMBER SIGN<br>≈ <wide> 0023 #                                                                                                                                  |
| FF04 | \$ | FULLWIDTH DOLLAR SIGN<br>≈ <wide> 0024 \$                                                                                                                                 |
| FF05 | %  | FULLWIDTH PERCENT SIGN<br>≈ <wide> 0025 %                                                                                                                                 |
| FF06 | &  | FULLWIDTH AMPERSAND<br>≈ <wide> 0026 &                                                                                                                                    |
| FF07 | '  | FULLWIDTH APOSTROPHE<br>≈ <wide> 0027 '                                                                                                                                   |
| FF08 | (  | FULLWIDTH LEFT PARENTHESIS<br>≈ <wide> 0028 (                                                                                                                             |
| FF09 | )  | FULLWIDTH RIGHT PARENTHESIS<br>≈ <wide> 0029 )                                                                                                                            |
| FF0A | *  | FULLWIDTH ASTERISK<br>≈ <wide> 002A *                                                                                                                                     |
| FF0B | +  | FULLWIDTH PLUS SIGN<br>≈ <wide> 002B +                                                                                                                                    |
| FF0C | ,  | FULLWIDTH COMMA<br>• in Chinese, indicates a pause<br>→ 3001 、 ideographic comma<br>~ FF0C FE00 , corner-justified form<br>~ FF0C FE01 , centered form<br>≈ <wide> 002C , |
| FF0D | —  | FULLWIDTH HYPHEN-MINUS<br>≈ <wide> 002D -                                                                                                                                 |
| FF0E | .  | FULLWIDTH FULL STOP<br>~ FF0E FE00 . corner-justified form<br>~ FF0E FE01 . centered form<br>≈ <wide> 002E .                                                              |
| FF0F | /  | FULLWIDTH SOLIDUS<br>≈ <wide> 002F /                                                                                                                                      |
| FF10 | 0  | FULLWIDTH DIGIT ZERO<br>~ FF10 FE00 0 short diagonal stroke form<br>≈ <wide> 0030 0                                                                                       |
| FF11 | 1  | FULLWIDTH DIGIT ONE<br>≈ <wide> 0031 1                                                                                                                                    |
| FF12 | 2  | FULLWIDTH DIGIT TWO<br>≈ <wide> 0032 2                                                                                                                                    |
| FF13 | 3  | FULLWIDTH DIGIT THREE<br>≈ <wide> 0033 3                                                                                                                                  |
| FF14 | 4  | FULLWIDTH DIGIT FOUR<br>≈ <wide> 0034 4                                                                                                                                   |
| FF15 | 5  | FULLWIDTH DIGIT FIVE<br>≈ <wide> 0035 5                                                                                                                                   |
| FF16 | 6  | FULLWIDTH DIGIT SIX<br>≈ <wide> 0036 6                                                                                                                                    |
| FF17 | 7  | FULLWIDTH DIGIT SEVEN<br>≈ <wide> 0037 7                                                                                                                                  |
| FF18 | 8  | FULLWIDTH DIGIT EIGHT<br>≈ <wide> 0038 8                                                                                                                                  |
| FF19 | 9  | FULLWIDTH DIGIT NINE<br>≈ <wide> 0039 9                                                                                                                                   |

|      |   |                                                                                                                  |
|------|---|------------------------------------------------------------------------------------------------------------------|
| FF1A | : | FULLWIDTH COLON<br>~ FF1A FE00 : corner-justified form<br>~ FF1A FE01 : centered form<br>≈ <wide> 003A :         |
| FF1B | ; | FULLWIDTH SEMICOLON<br>~ FF1B FE00 ; corner-justified form<br>~ FF1B FE01 ; centered form<br>≈ <wide> 003B ;     |
| FF1C | < | FULLWIDTH LESS-THAN SIGN<br>≈ <wide> 003C <                                                                      |
| FF1D | = | FULLWIDTH EQUALS SIGN<br>≈ <wide> 003D =                                                                         |
| FF1E | > | FULLWIDTH GREATER-THAN SIGN<br>≈ <wide> 003E >                                                                   |
| FF1F | ? | FULLWIDTH QUESTION MARK<br>~ FF1F FE00 ? corner-justified form<br>~ FF1F FE01 ? centered form<br>≈ <wide> 003F ? |
| FF20 | @ | FULLWIDTH COMMERCIAL AT<br>≈ <wide> 0040 @                                                                       |
| FF21 | A | FULLWIDTH LATIN CAPITAL LETTER A<br>≈ <wide> 0041 A                                                              |
| FF22 | B | FULLWIDTH LATIN CAPITAL LETTER B<br>≈ <wide> 0042 B                                                              |
| FF23 | C | FULLWIDTH LATIN CAPITAL LETTER C<br>≈ <wide> 0043 C                                                              |
| FF24 | D | FULLWIDTH LATIN CAPITAL LETTER D<br>≈ <wide> 0044 D                                                              |
| FF25 | E | FULLWIDTH LATIN CAPITAL LETTER E<br>≈ <wide> 0045 E                                                              |
| FF26 | F | FULLWIDTH LATIN CAPITAL LETTER F<br>≈ <wide> 0046 F                                                              |
| FF27 | G | FULLWIDTH LATIN CAPITAL LETTER G<br>≈ <wide> 0047 G                                                              |
| FF28 | H | FULLWIDTH LATIN CAPITAL LETTER H<br>≈ <wide> 0048 H                                                              |
| FF29 | I | FULLWIDTH LATIN CAPITAL LETTER I<br>≈ <wide> 0049 I                                                              |
| FF2A | J | FULLWIDTH LATIN CAPITAL LETTER J<br>≈ <wide> 004A J                                                              |
| FF2B | K | FULLWIDTH LATIN CAPITAL LETTER K<br>≈ <wide> 004B K                                                              |
| FF2C | L | FULLWIDTH LATIN CAPITAL LETTER L<br>≈ <wide> 004C L                                                              |
| FF2D | M | FULLWIDTH LATIN CAPITAL LETTER M<br>≈ <wide> 004D M                                                              |
| FF2E | N | FULLWIDTH LATIN CAPITAL LETTER N<br>≈ <wide> 004E N                                                              |
| FF2F | O | FULLWIDTH LATIN CAPITAL LETTER O<br>≈ <wide> 004F O                                                              |
| FF30 | P | FULLWIDTH LATIN CAPITAL LETTER P<br>≈ <wide> 0050 P                                                              |
| FF31 | Q | FULLWIDTH LATIN CAPITAL LETTER Q<br>≈ <wide> 0051 Q                                                              |
| FF32 | R | FULLWIDTH LATIN CAPITAL LETTER R<br>≈ <wide> 0052 R                                                              |
| FF33 | S | FULLWIDTH LATIN CAPITAL LETTER S<br>≈ <wide> 0053 S                                                              |
| FF34 | T | FULLWIDTH LATIN CAPITAL LETTER T<br>≈ <wide> 0054 T                                                              |
| FF35 | U | FULLWIDTH LATIN CAPITAL LETTER U<br>≈ <wide> 0055 U                                                              |



|      |   |                                                     |
|------|---|-----------------------------------------------------|
| FF36 | V | FULLWIDTH LATIN CAPITAL LETTER V<br>≈ <wide> 0056 V |
| FF37 | W | FULLWIDTH LATIN CAPITAL LETTER W<br>≈ <wide> 0057 W |
| FF38 | X | FULLWIDTH LATIN CAPITAL LETTER X<br>≈ <wide> 0058 X |
| FF39 | Y | FULLWIDTH LATIN CAPITAL LETTER Y<br>≈ <wide> 0059 Y |
| FF3A | Z | FULLWIDTH LATIN CAPITAL LETTER Z<br>≈ <wide> 005A Z |
| FF3B | [ | FULLWIDTH LEFT SQUARE BRACKET<br>≈ <wide> 005B [    |
| FF3C | \ | FULLWIDTH REVERSE SOLIDUS<br>≈ <wide> 005C \        |
| FF3D | ] | FULLWIDTH RIGHT SQUARE BRACKET<br>≈ <wide> 005D ]   |
| FF3E | ^ | FULLWIDTH CIRCUMFLEX ACCENT<br>≈ <wide> 005E ^      |
| FF3F | — | FULLWIDTH LOW LINE<br>≈ <wide> 005F —               |
| FF40 | ` | FULLWIDTH GRAVE ACCENT<br>≈ <wide> 0060 `           |
| FF41 | a | FULLWIDTH LATIN SMALL LETTER A<br>≈ <wide> 0061 a   |
| FF42 | b | FULLWIDTH LATIN SMALL LETTER B<br>≈ <wide> 0062 b   |
| FF43 | c | FULLWIDTH LATIN SMALL LETTER C<br>≈ <wide> 0063 c   |
| FF44 | d | FULLWIDTH LATIN SMALL LETTER D<br>≈ <wide> 0064 d   |
| FF45 | e | FULLWIDTH LATIN SMALL LETTER E<br>≈ <wide> 0065 e   |
| FF46 | f | FULLWIDTH LATIN SMALL LETTER F<br>≈ <wide> 0066 f   |
| FF47 | g | FULLWIDTH LATIN SMALL LETTER G<br>≈ <wide> 0067 g   |
| FF48 | h | FULLWIDTH LATIN SMALL LETTER H<br>≈ <wide> 0068 h   |
| FF49 | i | FULLWIDTH LATIN SMALL LETTER I<br>≈ <wide> 0069 i   |
| FF4A | j | FULLWIDTH LATIN SMALL LETTER J<br>≈ <wide> 006A j   |
| FF4B | k | FULLWIDTH LATIN SMALL LETTER K<br>≈ <wide> 006B k   |
| FF4C | l | FULLWIDTH LATIN SMALL LETTER L<br>≈ <wide> 006C l   |
| FF4D | m | FULLWIDTH LATIN SMALL LETTER M<br>≈ <wide> 006D m   |
| FF4E | n | FULLWIDTH LATIN SMALL LETTER N<br>≈ <wide> 006E n   |
| FF4F | o | FULLWIDTH LATIN SMALL LETTER O<br>≈ <wide> 006F o   |
| FF50 | p | FULLWIDTH LATIN SMALL LETTER P<br>≈ <wide> 0070 p   |
| FF51 | q | FULLWIDTH LATIN SMALL LETTER Q<br>≈ <wide> 0071 q   |
| FF52 | r | FULLWIDTH LATIN SMALL LETTER R<br>≈ <wide> 0072 r   |
| FF53 | s | FULLWIDTH LATIN SMALL LETTER S<br>≈ <wide> 0073 s   |
| FF54 | t | FULLWIDTH LATIN SMALL LETTER T<br>≈ <wide> 0074 t   |

|      |   |                                                          |
|------|---|----------------------------------------------------------|
| FF55 | u | FULLWIDTH LATIN SMALL LETTER U<br>≈ <wide> 0075 u        |
| FF56 | v | FULLWIDTH LATIN SMALL LETTER V<br>≈ <wide> 0076 v        |
| FF57 | w | FULLWIDTH LATIN SMALL LETTER W<br>≈ <wide> 0077 w        |
| FF58 | x | FULLWIDTH LATIN SMALL LETTER X<br>≈ <wide> 0078 x        |
| FF59 | y | FULLWIDTH LATIN SMALL LETTER Y<br>≈ <wide> 0079 y        |
| FF5A | z | FULLWIDTH LATIN SMALL LETTER Z<br>≈ <wide> 007A z        |
| FF5B | { | FULLWIDTH LEFT CURLY BRACKET<br>≈ <wide> 007B {          |
| FF5C |   | FULLWIDTH VERTICAL LINE<br>≈ <wide> 007C                 |
| FF5D | } | FULLWIDTH RIGHT CURLY BRACKET<br>≈ <wide> 007D }         |
| FF5E | ~ | FULLWIDTH TILDE<br>→ 301C ~ wave dash<br>≈ <wide> 007E ~ |

**Fullwidth brackets**

|      |    |                                                                                                                                                                        |
|------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FF5F | (( | FULLWIDTH LEFT WHITE PARENTHESIS<br>• the most commonly occurring glyph variant looks like doubled parentheses<br>→ 2E28 (( left double parenthesis<br>≈ <wide> 2985 ( |
| FF60 | )  | FULLWIDTH RIGHT WHITE PARENTHESIS<br>≈ <wide> 2986 )                                                                                                                   |

**Halfwidth CJK punctuation**

See CJK punctuation 3000-303F

|      |   |                                                      |
|------|---|------------------------------------------------------|
| FF61 | 。 | HALFWIDTH IDEOGRAPHIC FULL STOP<br>≈ <narrow> 3002 。 |
| FF62 | ┌ | HALFWIDTH LEFT CORNER BRACKET<br>≈ <narrow> 300C ┌   |
| FF63 | ┐ | HALFWIDTH RIGHT CORNER BRACKET<br>≈ <narrow> 300D ┐  |
| FF64 | 、 | HALFWIDTH IDEOGRAPHIC COMMA<br>≈ <narrow> 3001 、     |

**Halfwidth Katakana variants**

See Katakana 30A0-30FF

|      |   |                                                         |
|------|---|---------------------------------------------------------|
| FF65 | ・ | HALFWIDTH KATAKANA MIDDLE DOT<br>≈ <narrow> 30FB ・      |
| FF66 | ヲ | HALFWIDTH KATAKANA LETTER WO<br>≈ <narrow> 30F2 ヲ       |
| FF67 | ァ | HALFWIDTH KATAKANA LETTER SMALL A<br>≈ <narrow> 30A1 ア  |
| FF68 | ィ | HALFWIDTH KATAKANA LETTER SMALL I<br>≈ <narrow> 30A3 イ  |
| FF69 | ゥ | HALFWIDTH KATAKANA LETTER SMALL U<br>≈ <narrow> 30A5 ウ  |
| FF6A | エ | HALFWIDTH KATAKANA LETTER SMALL E<br>≈ <narrow> 30A7 エ  |
| FF6B | ォ | HALFWIDTH KATAKANA LETTER SMALL O<br>≈ <narrow> 30A9 オ  |
| FF6C | ャ | HALFWIDTH KATAKANA LETTER SMALL YA<br>≈ <narrow> 30E3 ヤ |
| FF6D | ュ | HALFWIDTH KATAKANA LETTER SMALL YU<br>≈ <narrow> 30E5 ュ |
| FF6E | ヨ | HALFWIDTH KATAKANA LETTER SMALL YO<br>≈ <narrow> 30E7 ヨ |

|      |   |                                                                                             |                                                |                                                                                     |                                                                                                                                                     |
|------|---|---------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| FF6F | ッ | HALFWIDTH KATAKANA LETTER SMALL TU<br>≈ <span>&lt;narrow&gt;</span> 30C3 ツ                  | FF8E                                           | ホ                                                                                   | HALFWIDTH KATAKANA LETTER HO<br>≈ <span>&lt;narrow&gt;</span> 30DB ホ                                                                                |
| FF70 | ー | HALFWIDTH KATAKANA-HIRAGANA<br>PROLONGED SOUND MARK<br>≈ <span>&lt;narrow&gt;</span> 30FC ー | FF8F                                           | マ                                                                                   | HALFWIDTH KATAKANA LETTER MA<br>≈ <span>&lt;narrow&gt;</span> 30DE マ                                                                                |
| FF71 | ア | HALFWIDTH KATAKANA LETTER A<br>≈ <span>&lt;narrow&gt;</span> 30A2 ア                         | FF90                                           | ミ                                                                                   | HALFWIDTH KATAKANA LETTER MI<br>≈ <span>&lt;narrow&gt;</span> 30DF ミ                                                                                |
| FF72 | イ | HALFWIDTH KATAKANA LETTER I<br>≈ <span>&lt;narrow&gt;</span> 30A4 イ                         | FF91                                           | ム                                                                                   | HALFWIDTH KATAKANA LETTER MU<br>≈ <span>&lt;narrow&gt;</span> 30E0 ム                                                                                |
| FF73 | ウ | HALFWIDTH KATAKANA LETTER U<br>≈ <span>&lt;narrow&gt;</span> 30A6 ウ                         | FF92                                           | メ                                                                                   | HALFWIDTH KATAKANA LETTER ME<br>≈ <span>&lt;narrow&gt;</span> 30E1 メ                                                                                |
| FF74 | エ | HALFWIDTH KATAKANA LETTER E<br>≈ <span>&lt;narrow&gt;</span> 30A8 エ                         | FF93                                           | モ                                                                                   | HALFWIDTH KATAKANA LETTER MO<br>≈ <span>&lt;narrow&gt;</span> 30E2 モ                                                                                |
| FF75 | オ | HALFWIDTH KATAKANA LETTER O<br>≈ <span>&lt;narrow&gt;</span> 30AA オ                         | FF94                                           | ヤ                                                                                   | HALFWIDTH KATAKANA LETTER YA<br>≈ <span>&lt;narrow&gt;</span> 30E4 ヤ                                                                                |
| FF76 | カ | HALFWIDTH KATAKANA LETTER KA<br>≈ <span>&lt;narrow&gt;</span> 30AB カ                        | FF95                                           | ユ                                                                                   | HALFWIDTH KATAKANA LETTER YU<br>≈ <span>&lt;narrow&gt;</span> 30E6 ユ                                                                                |
| FF77 | キ | HALFWIDTH KATAKANA LETTER KI<br>≈ <span>&lt;narrow&gt;</span> 30AD キ                        | FF96                                           | ヨ                                                                                   | HALFWIDTH KATAKANA LETTER YO<br>≈ <span>&lt;narrow&gt;</span> 30E8 ヨ                                                                                |
| FF78 | ク | HALFWIDTH KATAKANA LETTER KU<br>≈ <span>&lt;narrow&gt;</span> 30AF ク                        | FF97                                           | ラ                                                                                   | HALFWIDTH KATAKANA LETTER RA<br>≈ <span>&lt;narrow&gt;</span> 30E9 ラ                                                                                |
| FF79 | ケ | HALFWIDTH KATAKANA LETTER KE<br>≈ <span>&lt;narrow&gt;</span> 30B1 ケ                        | FF98                                           | リ                                                                                   | HALFWIDTH KATAKANA LETTER RI<br>≈ <span>&lt;narrow&gt;</span> 30EA リ                                                                                |
| FF7A | コ | HALFWIDTH KATAKANA LETTER KO<br>≈ <span>&lt;narrow&gt;</span> 30B3 コ                        | FF99                                           | ル                                                                                   | HALFWIDTH KATAKANA LETTER RU<br>≈ <span>&lt;narrow&gt;</span> 30EB ル                                                                                |
| FF7B | サ | HALFWIDTH KATAKANA LETTER SA<br>≈ <span>&lt;narrow&gt;</span> 30B5 サ                        | FF9A                                           | レ                                                                                   | HALFWIDTH KATAKANA LETTER RE<br>≈ <span>&lt;narrow&gt;</span> 30EC レ                                                                                |
| FF7C | シ | HALFWIDTH KATAKANA LETTER SI<br>≈ <span>&lt;narrow&gt;</span> 30B7 シ                        | FF9B                                           | ロ                                                                                   | HALFWIDTH KATAKANA LETTER RO<br>≈ <span>&lt;narrow&gt;</span> 30ED ロ                                                                                |
| FF7D | ス | HALFWIDTH KATAKANA LETTER SU<br>≈ <span>&lt;narrow&gt;</span> 30B9 ス                        | FF9C                                           | ワ                                                                                   | HALFWIDTH KATAKANA LETTER WA<br>≈ <span>&lt;narrow&gt;</span> 30EF ワ                                                                                |
| FF7E | セ | HALFWIDTH KATAKANA LETTER SE<br>≈ <span>&lt;narrow&gt;</span> 30BB セ                        | FF9D                                           | ン                                                                                   | HALFWIDTH KATAKANA LETTER N<br>≈ <span>&lt;narrow&gt;</span> 30F3 ン                                                                                 |
| FF7F | ソ | HALFWIDTH KATAKANA LETTER SO<br>≈ <span>&lt;narrow&gt;</span> 30BD ソ                        | FF9E                                           | ゜                                                                                   | HALFWIDTH KATAKANA VOICED SOUND MARK<br>≈ <span>&lt;narrow&gt;</span> 3099 ゜                                                                        |
| FF80 | タ | HALFWIDTH KATAKANA LETTER TA<br>≈ <span>&lt;narrow&gt;</span> 30BF タ                        | FF9F                                           | ゜                                                                                   | HALFWIDTH KATAKANA SEMI-VOICED SOUND<br>MARK<br>≈ <span>&lt;narrow&gt;</span> 309A ゝ                                                                |
| FF81 | チ | HALFWIDTH KATAKANA LETTER TI<br>≈ <span>&lt;narrow&gt;</span> 30C1 チ                        | <b>Halfwidth Hangul variants</b>               |                                                                                     |                                                                                                                                                     |
| FF82 | ツ | HALFWIDTH KATAKANA LETTER TU<br>≈ <span>&lt;narrow&gt;</span> 30C4 ツ                        | <i>See Hangul Compatibility Jamo 3130-318F</i> |                                                                                     |                                                                                                                                                     |
| FF83 | テ | HALFWIDTH KATAKANA LETTER TE<br>≈ <span>&lt;narrow&gt;</span> 30C6 テ                        | FFA0                                           |  | HALFWIDTH HANGUL FILLER<br>≈ <span>&lt;narrow&gt;</span> 3164  |
| FF84 | ト | HALFWIDTH KATAKANA LETTER TO<br>≈ <span>&lt;narrow&gt;</span> 30C8 ト                        | FFA1                                           | ㄱ                                                                                   | HALFWIDTH HANGUL LETTER KIYEOK<br>≈ <span>&lt;narrow&gt;</span> 3131 ㄱ                                                                              |
| FF85 | ナ | HALFWIDTH KATAKANA LETTER NA<br>≈ <span>&lt;narrow&gt;</span> 30CA ナ                        | FFA2                                           | ㄴ                                                                                   | HALFWIDTH HANGUL LETTER SSANGKIYEOK<br>≈ <span>&lt;narrow&gt;</span> 3132 ㄴ                                                                         |
| FF86 | ニ | HALFWIDTH KATAKANA LETTER NI<br>≈ <span>&lt;narrow&gt;</span> 30CB ニ                        | FFA3                                           | ㄷ                                                                                   | HALFWIDTH HANGUL LETTER KIYEOK-SIOS<br>≈ <span>&lt;narrow&gt;</span> 3133 ㄷ                                                                         |
| FF87 | ヌ | HALFWIDTH KATAKANA LETTER NU<br>≈ <span>&lt;narrow&gt;</span> 30CC ヌ                        | FFA4                                           | ㄹ                                                                                   | HALFWIDTH HANGUL LETTER NIEUN<br>≈ <span>&lt;narrow&gt;</span> 3134 ㄹ                                                                               |
| FF88 | ネ | HALFWIDTH KATAKANA LETTER NE<br>≈ <span>&lt;narrow&gt;</span> 30CD ネ                        | FFA5                                           | ㅁ                                                                                   | HALFWIDTH HANGUL LETTER NIEUN-CIEUC<br>≈ <span>&lt;narrow&gt;</span> 3135 ㅁ                                                                         |
| FF89 | ノ | HALFWIDTH KATAKANA LETTER NO<br>≈ <span>&lt;narrow&gt;</span> 30CE ノ                        | FFA6                                           | ㅂ                                                                                   | HALFWIDTH HANGUL LETTER NIEUN-HIEUH<br>≈ <span>&lt;narrow&gt;</span> 3136 ㅂ                                                                         |
| FF8A | ハ | HALFWIDTH KATAKANA LETTER HA<br>≈ <span>&lt;narrow&gt;</span> 30CF ハ                        | FFA7                                           | ㅅ                                                                                   | HALFWIDTH HANGUL LETTER TIKTEUT<br>≈ <span>&lt;narrow&gt;</span> 3137 ㅅ                                                                             |
| FF8B | ヒ | HALFWIDTH KATAKANA LETTER HI<br>≈ <span>&lt;narrow&gt;</span> 30D2 ヒ                        | FFA8                                           | ㅆ                                                                                   | HALFWIDTH HANGUL LETTER SSANGTIKTEUT<br>≈ <span>&lt;narrow&gt;</span> 3138 ㅆ                                                                        |
| FF8C | フ | HALFWIDTH KATAKANA LETTER HU<br>≈ <span>&lt;narrow&gt;</span> 30D5 フ                        | FFA9                                           | ㅈ                                                                                   | HALFWIDTH HANGUL LETTER RIEUL<br>≈ <span>&lt;narrow&gt;</span> 3139 ㅈ                                                                               |
| FF8D | ヘ | HALFWIDTH KATAKANA LETTER HE<br>≈ <span>&lt;narrow&gt;</span> 30D8 ヘ                        | FFAA                                           | ㅊ                                                                                   | HALFWIDTH HANGUL LETTER RIEUL-KIYEOK<br>≈ <span>&lt;narrow&gt;</span> 313A ㅊ                                                                        |

## FFAB

## Halfwidth and Fullwidth Forms

## FFED

|      |   |                                                            |
|------|---|------------------------------------------------------------|
| FFAB | ㄲ | HALFWIDTH HANGUL LETTER RIEUL-MIEUM<br>≈ <narrow> 313B ㄲ   |
| FFAC | ㅅ | HALFWIDTH HANGUL LETTER RIEUL-PIEUP<br>≈ <narrow> 313C ㅅ   |
| FFAD | ㅇ | HALFWIDTH HANGUL LETTER RIEUL-SIOS<br>≈ <narrow> 313D ㅇ    |
| FFAE | ㅈ | HALFWIDTH HANGUL LETTER RIEUL-THIEUTH<br>≈ <narrow> 313E ㅈ |
| FFAF | ㅊ | HALFWIDTH HANGUL LETTER RIEUL-PHIEUPH<br>≈ <narrow> 313F ㅊ |
| FFB0 | ㅎ | HALFWIDTH HANGUL LETTER RIEUL-HIEUH<br>≈ <narrow> 3140 ㅎ   |
| FFB1 | ㅁ | HALFWIDTH HANGUL LETTER MIEUM<br>≈ <narrow> 3141 ㅁ         |
| FFB2 | ㅂ | HALFWIDTH HANGUL LETTER PIEUP<br>≈ <narrow> 3142 ㅂ         |
| FFB3 | ㅅ | HALFWIDTH HANGUL LETTER SSANGPIEUP<br>≈ <narrow> 3143 ㅅ    |
| FFB4 | ㅇ | HALFWIDTH HANGUL LETTER PIEUP-SIOS<br>≈ <narrow> 3144 ㅅ    |
| FFB5 | ㅈ | HALFWIDTH HANGUL LETTER SIOS<br>≈ <narrow> 3145 ㅈ          |
| FFB6 | ㅊ | HALFWIDTH HANGUL LETTER SSANGSIOS<br>≈ <narrow> 3146 ㅊ     |
| FFB7 | ㅇ | HALFWIDTH HANGUL LETTER IEUNG<br>≈ <narrow> 3147 ㅇ         |
| FFB8 | ㅈ | HALFWIDTH HANGUL LETTER CIEUC<br>≈ <narrow> 3148 ㅈ         |
| FFB9 | ㅊ | HALFWIDTH HANGUL LETTER SSANGCIEUC<br>≈ <narrow> 3149 ㅊ    |
| FFBA | ㅈ | HALFWIDTH HANGUL LETTER CHIEUCH<br>≈ <narrow> 314A ㅈ       |
| FFBB | ㅋ | HALFWIDTH HANGUL LETTER KHIEUKH<br>≈ <narrow> 314B ㅋ       |
| FFBC | ㅌ | HALFWIDTH HANGUL LETTER THIEUTH<br>≈ <narrow> 314C ㅌ       |
| FFBD | ㅍ | HALFWIDTH HANGUL LETTER PHIEUPH<br>≈ <narrow> 314D ㅍ       |
| FFBE | ㅎ | HALFWIDTH HANGUL LETTER HIEUH<br>≈ <narrow> 314E ㅎ         |
| FFBF | ▣ | <reserved>                                                 |
| FFC0 | ▣ | <reserved>                                                 |
| FFC1 | ▣ | <reserved>                                                 |
| FFC2 | ㅏ | HALFWIDTH HANGUL LETTER A<br>≈ <narrow> 314F ㅏ             |
| FFC3 | ㅑ | HALFWIDTH HANGUL LETTER AE<br>≈ <narrow> 3150 ㅑ            |
| FFC4 | ㅓ | HALFWIDTH HANGUL LETTER YA<br>≈ <narrow> 3151 ㅓ            |
| FFC5 | ㅕ | HALFWIDTH HANGUL LETTER YAE<br>≈ <narrow> 3152 ㅕ           |
| FFC6 | ㅗ | HALFWIDTH HANGUL LETTER EO<br>≈ <narrow> 3153 ㅗ            |
| FFC7 | ㅛ | HALFWIDTH HANGUL LETTER E<br>≈ <narrow> 3154 ㅛ             |
| FFC8 | ▣ | <reserved>                                                 |
| FFC9 | ▣ | <reserved>                                                 |
| FFCA | ㅜ | HALFWIDTH HANGUL LETTER YEO<br>≈ <narrow> 3155 ㅜ           |
| FFCB | ㅠ | HALFWIDTH HANGUL LETTER YE<br>≈ <narrow> 3156 ㅠ            |

|      |   |                                                  |
|------|---|--------------------------------------------------|
| FFCC | ㅟ | HALFWIDTH HANGUL LETTER O<br>≈ <narrow> 3157 ㅟ   |
| FFCD | ㅡ | HALFWIDTH HANGUL LETTER WA<br>≈ <narrow> 3158 ㅡ  |
| FFCE | ㅣ | HALFWIDTH HANGUL LETTER WAE<br>≈ <narrow> 3159 ㅣ |
| FFCF | ㅤ | HALFWIDTH HANGUL LETTER OE<br>≈ <narrow> 315A ㅤ  |
| FFD0 | ▣ | <reserved>                                       |
| FFD1 | ▣ | <reserved>                                       |
| FFD2 | ㅥ | HALFWIDTH HANGUL LETTER YO<br>≈ <narrow> 315B ㅥ  |
| FFD3 | ㅦ | HALFWIDTH HANGUL LETTER U<br>≈ <narrow> 315C ㅦ   |
| FFD4 | ㅨ | HALFWIDTH HANGUL LETTER WEO<br>≈ <narrow> 315D ㅨ |
| FFD5 | ㅩ | HALFWIDTH HANGUL LETTER WE<br>≈ <narrow> 315E ㅩ  |
| FFD6 | ㅪ | HALFWIDTH HANGUL LETTER WI<br>≈ <narrow> 315F ㅪ  |
| FFD7 | ㅫ | HALFWIDTH HANGUL LETTER YU<br>≈ <narrow> 3160 ㅫ  |
| FFD8 | ▣ | <reserved>                                       |
| FFD9 | ▣ | <reserved>                                       |
| FFDA | ㅡ | HALFWIDTH HANGUL LETTER EU<br>≈ <narrow> 3161 ㅡ  |
| FFDB | ㅱ | HALFWIDTH HANGUL LETTER YI<br>≈ <narrow> 3162 ㅱ  |
| FFDC | ㅣ | HALFWIDTH HANGUL LETTER I<br>≈ <narrow> 3163 ㅣ   |

## Fullwidth symbol variants

See Latin-1 00A0-00FF

|      |   |                                                                                                       |
|------|---|-------------------------------------------------------------------------------------------------------|
| FFE0 | ¢ | FULLWIDTH CENT SIGN<br>≈ <wide> 00A2 ¢                                                                |
| FFE1 | £ | FULLWIDTH POUND SIGN<br>≈ <wide> 00A3 £                                                               |
| FFE2 | ¬ | FULLWIDTH NOT SIGN<br>≈ <wide> 00AC ¬                                                                 |
| FFE3 | — | FULLWIDTH MACRON<br>• sometimes treated as fullwidth overline<br>→ 203E — overline<br>≈ <wide> 00AF — |
| FFE4 | ¡ | FULLWIDTH BROKEN BAR<br>≈ <wide> 00A6 ¡                                                               |
| FFE5 | ¥ | FULLWIDTH YEN SIGN<br>≈ <wide> 00A5 ¥                                                                 |
| FFE6 | ₩ | FULLWIDTH WON SIGN<br>≈ <wide> 20A9 ₩                                                                 |

## Halfwidth symbol variants

|      |   |                                                   |
|------|---|---------------------------------------------------|
| FFE8 |   | HALFWIDTH FORMS LIGHT VERTICAL<br>≈ <narrow> 2502 |
| FFE9 | ← | HALFWIDTH LEFTWARDS ARROW<br>≈ <narrow> 2190 ←    |
| FFEA | ↑ | HALFWIDTH UPWARDS ARROW<br>≈ <narrow> 2191 ↑      |
| FFEB | → | HALFWIDTH RIGHTWARDS ARROW<br>≈ <narrow> 2192 →   |
| FFEC | ↓ | HALFWIDTH DOWNWARDS ARROW<br>≈ <narrow> 2193 ↓    |
| FFED | ■ | HALFWIDTH BLACK SQUARE<br>≈ <narrow> 25A0 ■       |

FFEE ◦ HALFWIDTH WHITE CIRCLE  
≈ <narrow> 25CB ○

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|   | 1057       | 1058       | 1059       | 105A       | 105B       |
|---|------------|------------|------------|------------|------------|
| 0 | 𐌆<br>10570 | 𐌇<br>10580 | 𐌈<br>10590 | 𐌉<br>105A0 | 𐌊<br>105B0 |
| 1 | 𐌋<br>10571 | 𐌌<br>10581 | 𐌍<br>10591 | 𐌎<br>105A1 | 𐌏<br>105B1 |
| 2 | 𐌐<br>10572 | 𐌑<br>10582 | 𐌒<br>10592 |            |            |
| 3 | 𐌓<br>10573 | 𐌔<br>10583 |            | 𐌕<br>105A3 | 𐌖<br>105B3 |
| 4 | 𐌗<br>10574 | 𐌘<br>10584 | 𐌙<br>10594 | 𐌚<br>105A4 | 𐌛<br>105B4 |
| 5 | 𐌜<br>10575 | 𐌝<br>10585 | 𐌞<br>10595 | 𐌟<br>105A5 | 𐌠<br>105B5 |
| 6 | 𐌡<br>10576 | 𐌢<br>10586 |            | 𐌣<br>105A6 | 𐌤<br>105B6 |
| 7 | 𐌥<br>10577 | 𐌦<br>10587 | 𐌧<br>10597 | 𐌨<br>105A7 | 𐌩<br>105B7 |
| 8 | 𐌪<br>10578 | 𐌫<br>10588 | 𐌬<br>10598 | 𐌭<br>105A8 | 𐌮<br>105B8 |
| 9 | 𐌰<br>10579 | 𐌱<br>10589 | 𐌲<br>10599 | 𐌳<br>105A9 | 𐌴<br>105B9 |
| A | 𐌶<br>1057A | 𐌷<br>1058A | 𐌸<br>1059A | 𐌹<br>105AA |            |
| B |            |            | 𐌺<br>1059B | 𐌻<br>105AB | 𐌼<br>105BB |
| C | 𐌽<br>1057C | 𐌾<br>1058C | 𐌿<br>1059C | 𐍀<br>105AC | 𐍁<br>105BC |
| D | 𐍃<br>1057D | 𐍄<br>1058D | 𐍅<br>1059D | 𐍆<br>105AD |            |
| E | 𐍈<br>1057E | 𐍉<br>1058E | 𐍊<br>1059E | 𐍋<br>105AE |            |
| F | 𐍌<br>1057F | 𐍍<br>1058F | 𐍎<br>1059F | 𐍏<br>105AF |            |

**Capital letters**

|       |   |                                                                   |
|-------|---|-------------------------------------------------------------------|
| 10570 | ᲀ | VITHKUQI CAPITAL LETTER A                                         |
| 10571 | ᲁ | VITHKUQI CAPITAL LETTER BBE                                       |
| 10572 | ᲂ | VITHKUQI CAPITAL LETTER BE                                        |
| 10573 | ᲃ | VITHKUQI CAPITAL LETTER CE                                        |
| 10574 | ᲄ | VITHKUQI CAPITAL LETTER CHE                                       |
| 10575 | ᲅ | VITHKUQI CAPITAL LETTER DE                                        |
| 10576 | ᲆ | VITHKUQI CAPITAL LETTER DHE                                       |
| 10577 | ᲇ | VITHKUQI CAPITAL LETTER EI                                        |
| 10578 | ᲈ | VITHKUQI CAPITAL LETTER E                                         |
| 10579 | Ᲊ | VITHKUQI CAPITAL LETTER FE                                        |
| 1057A | ᲊ | VITHKUQI CAPITAL LETTER GA                                        |
| 1057B | ᲋ | <reserved>                                                        |
| 1057C | ᲌ | VITHKUQI CAPITAL LETTER HA                                        |
| 1057D | ᲍ | VITHKUQI CAPITAL LETTER HHA<br>• used in 19th-century orthography |
| 1057E | ᲎ | VITHKUQI CAPITAL LETTER I                                         |
| 1057F | ᲏ | VITHKUQI CAPITAL LETTER IJE<br>• used in 19th-century orthography |
| 10580 | Ა | VITHKUQI CAPITAL LETTER JE                                        |
| 10581 | Ბ | VITHKUQI CAPITAL LETTER KA                                        |
| 10582 | Გ | VITHKUQI CAPITAL LETTER LA                                        |
| 10583 | Დ | VITHKUQI CAPITAL LETTER LLA                                       |
| 10584 | Ე | VITHKUQI CAPITAL LETTER ME                                        |
| 10585 | Ვ | VITHKUQI CAPITAL LETTER NE                                        |
| 10586 | Ზ | VITHKUQI CAPITAL LETTER NJE                                       |
| 10587 | Თ | VITHKUQI CAPITAL LETTER O                                         |
| 10588 | Ი | VITHKUQI CAPITAL LETTER PE                                        |
| 10589 | Კ | VITHKUQI CAPITAL LETTER QA                                        |
| 1058A | Ლ | VITHKUQI CAPITAL LETTER RE                                        |
| 1058B | Მ | <reserved>                                                        |
| 1058C | Ნ | VITHKUQI CAPITAL LETTER SE                                        |
| 1058D | Ო | VITHKUQI CAPITAL LETTER SHE                                       |
| 1058E | Პ | VITHKUQI CAPITAL LETTER TE                                        |
| 1058F | Ჟ | VITHKUQI CAPITAL LETTER THE                                       |
| 10590 | Რ | VITHKUQI CAPITAL LETTER U                                         |
| 10591 | Ს | VITHKUQI CAPITAL LETTER VE                                        |
| 10592 | Ტ | VITHKUQI CAPITAL LETTER XE                                        |
| 10593 | Უ | <reserved>                                                        |
| 10594 | Ფ | VITHKUQI CAPITAL LETTER Y                                         |
| 10595 | Ქ | VITHKUQI CAPITAL LETTER ZE                                        |

**Small letters**

|       |   |                                                                 |
|-------|---|-----------------------------------------------------------------|
| 10597 | Ღ | VITHKUQI SMALL LETTER A                                         |
| 10598 | Ყ | VITHKUQI SMALL LETTER BBE                                       |
| 10599 | Შ | VITHKUQI SMALL LETTER BE                                        |
| 1059A | Ჩ | VITHKUQI SMALL LETTER CE                                        |
| 1059B | Ც | VITHKUQI SMALL LETTER CHE                                       |
| 1059C | Ძ | VITHKUQI SMALL LETTER DE                                        |
| 1059D | Წ | VITHKUQI SMALL LETTER DHE                                       |
| 1059E | Ჭ | VITHKUQI SMALL LETTER EI                                        |
| 1059F | Ხ | VITHKUQI SMALL LETTER E                                         |
| 105A0 | Ჯ | VITHKUQI SMALL LETTER FE                                        |
| 105A1 | Ჰ | VITHKUQI SMALL LETTER GA                                        |
| 105A2 | Ჱ | <reserved>                                                      |
| 105A3 | Ჲ | VITHKUQI SMALL LETTER HA                                        |
| 105A4 | Ჳ | VITHKUQI SMALL LETTER HHA<br>• used in 19th-century orthography |
| 105A5 | Ჴ | VITHKUQI SMALL LETTER I                                         |
| 105A6 | Ჵ | VITHKUQI SMALL LETTER IJE<br>• used in 19th-century orthography |
| 105A7 | Ჶ | VITHKUQI SMALL LETTER JE                                        |

|       |   |                           |
|-------|---|---------------------------|
| 105A8 | Ჷ | VITHKUQI SMALL LETTER KA  |
| 105A9 | Ჸ | VITHKUQI SMALL LETTER LA  |
| 105AA | Ჹ | VITHKUQI SMALL LETTER LLA |
| 105AB | Ჺ | VITHKUQI SMALL LETTER ME  |
| 105AC | ᲻ | VITHKUQI SMALL LETTER NE  |
| 105AD | ᲼ | VITHKUQI SMALL LETTER NJE |
| 105AE | Ჽ | VITHKUQI SMALL LETTER O   |
| 105AF | Ჾ | VITHKUQI SMALL LETTER PE  |
| 105B0 | Ჿ | VITHKUQI SMALL LETTER QA  |
| 105B1 | ᳀ | VITHKUQI SMALL LETTER RE  |
| 105B2 | ᳁ | <reserved>                |
| 105B3 | ᳂ | VITHKUQI SMALL LETTER SE  |
| 105B4 | ᳃ | VITHKUQI SMALL LETTER SHE |
| 105B5 | ᳄ | VITHKUQI SMALL LETTER TE  |
| 105B6 | ᳅ | VITHKUQI SMALL LETTER THE |
| 105B7 | ᳆ | VITHKUQI SMALL LETTER U   |
| 105B8 | ᳇ | VITHKUQI SMALL LETTER VE  |
| 105B9 | ᳈ | VITHKUQI SMALL LETTER XE  |
| 105BA | ᳉ | <reserved>                |
| 105BB | ᳊ | VITHKUQI SMALL LETTER Y   |
| 105BC | ᳋ | VITHKUQI SMALL LETTER ZE  |

|   | 1078        | 1079        | 107A        | 107B        |
|---|-------------|-------------|-------------|-------------|
| 0 | AA<br>10780 | fn<br>10790 | Ɔ<br>107A0  | v̇<br>107B0 |
| 1 | ˙<br>10781  | Ÿ<br>10791  | Ɔ<br>107A1  |             |
| 2 | ˙<br>10782  | G<br>10792  | Ø<br>107A2  | Y<br>107B2  |
| 3 | æ<br>10783  | ƒ<br>10793  | Ɔ<br>107A3  | ʔ<br>107B3  |
| 4 | B<br>10784  | G̃<br>10794 | Ɔ<br>107A4  | Ɔ<br>107B4  |
| 5 | ḃ<br>10785  | ħ<br>10795  | q<br>107A5  | Ɔ<br>107B5  |
| 6 |             | H<br>10796  | I<br>107A6  | I<br>107B6  |
| 7 | ɀ<br>10787  | h̃<br>10797 | Ĳ<br>107A7  | <br>107B7   |
| 8 | ɀ<br>10788  | f<br>10798  | ƭ<br>107A8  | †<br>107B8  |
| 9 | ɀ<br>10789  | ks<br>10799 | r<br>107A9  | !<br>107B9  |
| A | ɀ<br>1078A  | lz<br>1079A | R<br>107AA  | s<br>107BA  |
| B | ɀ<br>1078B  | †<br>1079B  | tc<br>107AB |             |
| C | ɀ<br>1078C  | Ł<br>1079C  | ts<br>107AC |             |
| D | ɀ<br>1078D  | ł<br>1079D  | ts<br>107AD |             |
| E | ə<br>1078E  | ķ<br>1079E  | tf<br>107AE |             |
| F | ə<br>1078F  | ķ<br>1079F  | t<br>107AF  |             |



**Modifier letter for VoQS**

|       |               |                                                                                                                                                                                                   |
|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10780 | <sup>AA</sup> | MODIFIER LETTER SMALL CAPITAL AA<br>• actually a small capital in VoQS (voice quality symbol) usage, with no semantic distinction from a full capital<br>→ A732 <b>AA</b> latin capital letter aa |
|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Modifier letters for IPA**

|       |   |                                                                          |
|-------|---|--------------------------------------------------------------------------|
| 10781 | : | MODIFIER LETTER SUPERScript TRIANGULAR COLON<br>≈ <super> 02D0 :         |
| 10782 | ˙ | MODIFIER LETTER SUPERScript HALF TRIANGULAR COLON<br>≈ <super> 02D1 ˙    |
| 10783 | æ | MODIFIER LETTER SMALL AE<br>≈ <super> 00E6 æ                             |
| 10784 | ᵀ | MODIFIER LETTER SMALL CAPITAL B<br>≈ <super> 0299 B                      |
| 10785 | ᵇ | MODIFIER LETTER SMALL B WITH HOOK<br>≈ <super> 0253 ᵇ                    |
| 10786 | ⌀ | <reserved>                                                               |
| 10787 | ɀ | MODIFIER LETTER SMALL DZ DIGRAPH<br>≈ <super> 02A3 ɀ                     |
| 10788 | Ɂ | MODIFIER LETTER SMALL DZ DIGRAPH WITH RETROFLEX HOOK<br>≈ <super> AB66 Ɂ |
| 10789 | ɂ | MODIFIER LETTER SMALL DZ DIGRAPH WITH CURL<br>≈ <super> 02A5 ɂ           |
| 1078A | Ƀ | MODIFIER LETTER SMALL DEZH DIGRAPH<br>≈ <super> 02A4 Ƀ                   |
| 1078B | Ʉ | MODIFIER LETTER SMALL D WITH TAIL<br>≈ <super> 0256 Ʉ                    |
| 1078C | Ʌ | MODIFIER LETTER SMALL D WITH HOOK<br>≈ <super> 0257 Ʌ                    |
| 1078D | Ɇ | MODIFIER LETTER SMALL D WITH HOOK AND TAIL<br>≈ <super> 1D91 Ɇ           |
| 1078E | ɇ | MODIFIER LETTER SMALL REVERSED E<br>≈ <super> 0258 ɇ                     |
| 1078F | Ɉ | MODIFIER LETTER SMALL CLOSED REVERSED OPEN E<br>≈ <super> 025E Ɉ         |
| 10790 | ɉ | MODIFIER LETTER SMALL FENG DIGRAPH<br>≈ <super> 02A9 ɉ                   |
| 10791 | Ɋ | MODIFIER LETTER SMALL RAMS HORN<br>≈ <super> 0264 Ɋ                      |
| 10792 | ɋ | MODIFIER LETTER SMALL CAPITAL G<br>≈ <super> 0262 ɋ                      |
| 10793 | Ɍ | MODIFIER LETTER SMALL G WITH HOOK<br>≈ <super> 0260 Ɍ                    |
| 10794 | ɍ | MODIFIER LETTER SMALL CAPITAL G WITH HOOK<br>≈ <super> 029B ɍ            |
| 10795 | Ɏ | MODIFIER LETTER SMALL H WITH STROKE<br>≈ <super> 0127 Ɏ                  |
| 10796 | ɏ | MODIFIER LETTER SMALL CAPITAL H<br>≈ <super> 029C ɏ                      |
| 10797 | ɐ | MODIFIER LETTER SMALL HENG WITH HOOK<br>≈ <super> 0267 ɐ                 |
| 10798 | ɑ | MODIFIER LETTER SMALL DOTLESS J WITH STROKE AND HOOK<br>≈ <super> 0284 ɑ |

|       |   |                                                                                      |
|-------|---|--------------------------------------------------------------------------------------|
| 10799 | ᵀ | MODIFIER LETTER SMALL LS DIGRAPH<br>≈ <super> 02AA ᵀ                                 |
| 1079A | ᶜ | MODIFIER LETTER SMALL LZ DIGRAPH<br>≈ <super> 02AB ᶜ                                 |
| 1079B | ᵀ | MODIFIER LETTER SMALL L WITH BELT<br>≈ <super> 026C ᵀ                                |
| 1079C | ᵀ | MODIFIER LETTER SMALL CAPITAL L WITH BELT<br>≈ <super> 1DF04 ᵀ                       |
| 1079D | ᵀ | MODIFIER LETTER SMALL L WITH RETROFLEX HOOK AND BELT<br>≈ <super> A78E ᵀ             |
| 1079E | ᵀ | MODIFIER LETTER SMALL LEZH<br>≈ <super> 026E ᵀ                                       |
| 1079F | ᵀ | MODIFIER LETTER SMALL LEZH WITH RETROFLEX HOOK<br>≈ <super> 1DF05 ᵀ                  |
| 107A0 | ᵀ | MODIFIER LETTER SMALL TURNED Y<br>≈ <super> 028E ᵀ                                   |
| 107A1 | ᵀ | MODIFIER LETTER SMALL TURNED Y WITH BELT<br>≈ <super> 1DF06 ᵀ                        |
| 107A2 | ᵀ | MODIFIER LETTER SMALL O WITH STROKE<br>≈ <super> 00F8 ᵀ                              |
| 107A3 | ᵀ | MODIFIER LETTER SMALL CAPITAL OE<br>≈ <super> 0276 ᵀ                                 |
| 107A4 | ᵀ | MODIFIER LETTER SMALL CLOSED OMEGA<br>≈ <super> 0277 ᵀ                               |
| 107A5 | ᵀ | MODIFIER LETTER SMALL Q<br>≈ <super> 0071 q                                          |
| 107A6 | ᵀ | MODIFIER LETTER SMALL TURNED R WITH LONG LEG<br>≈ <super> 027A ᵀ                     |
| 107A7 | ᵀ | MODIFIER LETTER SMALL TURNED R WITH LONG LEG AND RETROFLEX HOOK<br>≈ <super> 1DF08 ᵀ |
| 107A8 | ᵀ | MODIFIER LETTER SMALL R WITH TAIL<br>≈ <super> 027D ᵀ                                |
| 107A9 | ᵀ | MODIFIER LETTER SMALL R WITH FISHHOOK<br>≈ <super> 027E ᵀ                            |
| 107AA | ᵀ | MODIFIER LETTER SMALL CAPITAL R<br>≈ <super> 0280 ᵀ                                  |
| 107AB | ᵀ | MODIFIER LETTER SMALL TC DIGRAPH WITH CURL<br>≈ <super> 02A8 ᵀ                       |
| 107AC | ᵀ | MODIFIER LETTER SMALL TS DIGRAPH<br>≈ <super> 02A6 ᵀ                                 |
| 107AD | ᵀ | MODIFIER LETTER SMALL TS DIGRAPH WITH RETROFLEX HOOK<br>≈ <super> AB67 ᵀ             |
| 107AE | ᵀ | MODIFIER LETTER SMALL TESH DIGRAPH<br>≈ <super> 02A7 ᵀ                               |
| 107AF | ᵀ | MODIFIER LETTER SMALL T WITH RETROFLEX HOOK<br>≈ <super> 0288 ᵀ                      |
| 107B0 | ᵀ | MODIFIER LETTER SMALL V WITH RIGHT HOOK<br>≈ <super> 2C71 ᵀ                          |
| 107B1 | ⌀ | <reserved>                                                                           |
| 107B2 | ᵀ | MODIFIER LETTER SMALL CAPITAL Y<br>≈ <super> 028F ᵀ                                  |
| 107B3 | ᵀ | MODIFIER LETTER GLOTTAL STOP WITH STROKE<br>≈ <super> 02A1 ᵀ                         |
| 107B4 | ᵀ | MODIFIER LETTER REVERSED GLOTTAL STOP WITH STROKE<br>≈ <super> 02A2 ᵀ                |

|       |   |                                                                           |
|-------|---|---------------------------------------------------------------------------|
| 107B5 | ᱥ | MODIFIER LETTER BILABIAL CLICK<br>≈ <sup> 0298 ᱥ                          |
| 107B6 | ᱦ | MODIFIER LETTER DENTAL CLICK<br>≈ <sup> 01C0 ᱦ                            |
| 107B7 | ᱧ | MODIFIER LETTER LATERAL CLICK<br>≈ <sup> 01C1 ᱧ                           |
| 107B8 | ᱨ | MODIFIER LETTER ALVEOLAR CLICK<br>≈ <sup> 01C2 ᱨ                          |
| 107B9 | ᱩ | MODIFIER LETTER RETROFLEX CLICK WITH<br>RETROFLEX HOOK<br>≈ <sup> 1DF0A ᱩ |
| 107BA | ᱪ | MODIFIER LETTER SMALL S WITH CURL<br>≈ <sup> 1DF1E ᱪ                      |

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|   | 10C0       | 10C1       | 10C2       | 10C3       | 10C4       |
|---|------------|------------|------------|------------|------------|
| 0 | 𐰀<br>10C00 | 𐰁<br>10C10 | 𐰂<br>10C20 | 𐰃<br>10C30 | 𐰄<br>10C40 |
| 1 | 𐰅<br>10C01 | 𐰆<br>10C11 | 𐰇<br>10C21 | 𐰈<br>10C31 | 𐰉<br>10C41 |
| 2 | 𐰊<br>10C02 | 𐰋<br>10C12 | 𐰌<br>10C22 | 𐰍<br>10C32 | 𐰎<br>10C42 |
| 3 | 𐰏<br>10C03 | 𐰐<br>10C13 | 𐰑<br>10C23 | 𐰒<br>10C33 | 𐰓<br>10C43 |
| 4 | 𐰔<br>10C04 | 𐰕<br>10C14 | 𐰖<br>10C24 | 𐰗<br>10C34 | 𐰘<br>10C44 |
| 5 | 𐰙<br>10C05 | 𐰚<br>10C15 | 𐰛<br>10C25 | 𐰜<br>10C35 | 𐰝<br>10C45 |
| 6 | 𐰞<br>10C06 | 𐰟<br>10C16 | 𐰠<br>10C26 | 𐰡<br>10C36 | 𐰢<br>10C46 |
| 7 | 𐰣<br>10C07 | 𐰤<br>10C17 | 𐰥<br>10C27 | 𐰦<br>10C37 | 𐰧<br>10C47 |
| 8 | 𐰨<br>10C08 | 𐰩<br>10C18 | 𐰪<br>10C28 | 𐰫<br>10C38 | 𐰬<br>10C48 |
| 9 | 𐰭<br>10C09 | 𐰮<br>10C19 | 𐰯<br>10C29 | 𐰰<br>10C39 |            |
| A | 𐰱<br>10C0A | 𐰲<br>10C1A | 𐰳<br>10C2A | 𐰴<br>10C3A |            |
| B | 𐰵<br>10C0B | 𐰶<br>10C1B | 𐰷<br>10C2B | 𐰸<br>10C3B |            |
| C | 𐰹<br>10C0C | 𐰺<br>10C1C | 𐰻<br>10C2C | 𐰼<br>10C3C |            |
| D | 𐰽<br>10C0D | 𐰾<br>10C1D | 𐰿<br>10C2D | 𐱀<br>10C3D |            |
| E | 𐰿<br>10C0E | 𐱁<br>10C1E | 𐱂<br>10C2E | 𐱃<br>10C3E |            |
| F | 𐱄<br>10C0F | 𐱅<br>10C1F | 𐱆<br>10C2F | 𐱇<br>10C3F |            |

## 10C00

## Old Turkic

## 10C48

## Vowels

|       |   |                              |
|-------|---|------------------------------|
| 10C00 | 𐰀 | OLD TURKIC LETTER ORKHON A   |
| 10C01 | 𐰁 | OLD TURKIC LETTER YENISEI A  |
| 10C02 | 𐰂 | OLD TURKIC LETTER YENISEI AE |
| 10C03 | 𐰃 | OLD TURKIC LETTER ORKHON I   |
| 10C04 | 𐰄 | OLD TURKIC LETTER YENISEI I  |
| 10C05 | 𐰅 | OLD TURKIC LETTER YENISEI E  |
| 10C06 | 𐰆 | OLD TURKIC LETTER ORKHON O   |
| 10C07 | 𐰇 | OLD TURKIC LETTER ORKHON OE  |
| 10C08 | 𐰈 | OLD TURKIC LETTER YENISEI OE |

## Consonants

|       |   |                                |
|-------|---|--------------------------------|
| 10C09 | 𐰉 | OLD TURKIC LETTER ORKHON AB    |
| 10C0A | 𐰊 | OLD TURKIC LETTER YENISEI AB   |
| 10C0B | 𐰋 | OLD TURKIC LETTER ORKHON AEB   |
| 10C0C | 𐰌 | OLD TURKIC LETTER YENISEI AEB  |
| 10C0D | 𐰍 | OLD TURKIC LETTER ORKHON AG    |
| 10C0E | 𐰎 | OLD TURKIC LETTER YENISEI AG   |
| 10C0F | 𐰏 | OLD TURKIC LETTER ORKHON AEG   |
| 10C10 | 𐰐 | OLD TURKIC LETTER YENISEI AEG  |
| 10C11 | 𐰑 | OLD TURKIC LETTER ORKHON AD    |
| 10C12 | 𐰒 | OLD TURKIC LETTER YENISEI AD   |
| 10C13 | 𐰓 | OLD TURKIC LETTER ORKHON AED   |
| 10C14 | 𐰔 | OLD TURKIC LETTER ORKHON EZ    |
| 10C15 | 𐰕 | OLD TURKIC LETTER YENISEI EZ   |
| 10C16 | 𐰖 | OLD TURKIC LETTER ORKHON AY    |
| 10C17 | 𐰗 | OLD TURKIC LETTER YENISEI AY   |
| 10C18 | 𐰘 | OLD TURKIC LETTER ORKHON AEY   |
| 10C19 | 𐰙 | OLD TURKIC LETTER YENISEI AEY  |
| 10C1A | 𐰚 | OLD TURKIC LETTER ORKHON AEK   |
| 10C1B | 𐰛 | OLD TURKIC LETTER YENISEI AEK  |
| 10C1C | 𐰜 | OLD TURKIC LETTER ORKHON OEK   |
| 10C1D | 𐰝 | OLD TURKIC LETTER YENISEI OEK  |
| 10C1E | 𐰞 | OLD TURKIC LETTER ORKHON AL    |
| 10C1F | 𐰟 | OLD TURKIC LETTER YENISEI AL   |
| 10C20 | 𐰠 | OLD TURKIC LETTER ORKHON AEL   |
| 10C21 | 𐰡 | OLD TURKIC LETTER ORKHON ELT   |
| 10C22 | 𐰢 | OLD TURKIC LETTER ORKHON EM    |
| 10C23 | 𐰣 | OLD TURKIC LETTER ORKHON AN    |
| 10C24 | 𐰤 | OLD TURKIC LETTER ORKHON AEN   |
| 10C25 | 𐰥 | OLD TURKIC LETTER YENISEI AEN  |
| 10C26 | 𐰦 | OLD TURKIC LETTER ORKHON ENT   |
| 10C27 | 𐰧 | OLD TURKIC LETTER YENISEI ENT  |
| 10C28 | 𐰨 | OLD TURKIC LETTER ORKHON ENC   |
| 10C29 | 𐰩 | OLD TURKIC LETTER YENISEI ENC  |
| 10C2A | 𐰪 | OLD TURKIC LETTER ORKHON ENY   |
| 10C2B | 𐰫 | OLD TURKIC LETTER YENISEI ENY  |
| 10C2C | 𐰬 | OLD TURKIC LETTER YENISEI ANG  |
| 10C2D | 𐰭 | OLD TURKIC LETTER ORKHON ENG   |
| 10C2E | 𐰮 | OLD TURKIC LETTER YENISEI AENG |
| 10C2F | 𐰯 | OLD TURKIC LETTER ORKHON EP    |
| 10C30 | 𐰰 | OLD TURKIC LETTER ORKHON OP    |
| 10C31 | 𐰱 | OLD TURKIC LETTER ORKHON IC    |
| 10C32 | 𐰲 | OLD TURKIC LETTER ORKHON EC    |
| 10C33 | 𐰳 | OLD TURKIC LETTER YENISEI EC   |
| 10C34 | 𐰴 | OLD TURKIC LETTER ORKHON AQ    |
| 10C35 | 𐰵 | OLD TURKIC LETTER YENISEI AQ   |
| 10C36 | 𐰶 | OLD TURKIC LETTER ORKHON IQ    |
| 10C37 | 𐰷 | OLD TURKIC LETTER YENISEI IQ   |
| 10C38 | 𐰸 | OLD TURKIC LETTER ORKHON OQ    |
| 10C39 | 𐰹 | OLD TURKIC LETTER YENISEI OQ   |
| 10C3A | 𐰺 | OLD TURKIC LETTER ORKHON AR    |

|       |   |                               |
|-------|---|-------------------------------|
| 10C3B | 𐰻 | OLD TURKIC LETTER YENISEI AR  |
| 10C3C | 𐰼 | OLD TURKIC LETTER ORKHON AER  |
| 10C3D | 𐰽 | OLD TURKIC LETTER ORKHON AS   |
| 10C3E | 𐰾 | OLD TURKIC LETTER ORKHON AES  |
| 10C3F | 𐰿 | OLD TURKIC LETTER ORKHON ASH  |
| 10C40 | 𐱀 | OLD TURKIC LETTER YENISEI ASH |
| 10C41 | 𐱁 | OLD TURKIC LETTER ORKHON ESH  |
| 10C42 | 𐱂 | OLD TURKIC LETTER YENISEI ESH |
| 10C43 | 𐱃 | OLD TURKIC LETTER ORKHON AT   |
| 10C44 | 𐱄 | OLD TURKIC LETTER YENISEI AT  |
| 10C45 | 𐱅 | OLD TURKIC LETTER ORKHON AET  |
| 10C46 | 𐱆 | OLD TURKIC LETTER YENISEI AET |
| 10C47 | 𐱇 | OLD TURKIC LETTER ORKHON OT   |
| 10C48 | 𐱈 | OLD TURKIC LETTER ORKHON BASH |

|   | 10EC | 10ED | 10EE | 10EF                                                                                         |
|---|------|------|------|----------------------------------------------------------------------------------------------|
| 0 |      |      |      |                                                                                              |
| 1 |      |      |      |                                                                                              |
| 2 |      |      |      |                                                                                              |
| 3 |      |      |      |                                                                                              |
| 4 |      |      |      |                                                                                              |
| 5 |      |      |      |                                                                                              |
| 6 |      |      |      |                                                                                              |
| 7 |      |      |      |                                                                                              |
| 8 |      |      |      |                                                                                              |
| 9 |      |      |      |                                                                                              |
| A |      |      |      |                                                                                              |
| B |      |      |      |                                                                                              |
| C |      |      |      |                                                                                              |
| D |      |      |      | <br>10EFD |
| E |      |      |      | <br>10EFE |
| F |      |      |      | <br>10EFF |

**Quranic marks used in Turkey**

|       |                                                                                   |                                                                                                                         |
|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 10EFD |  | ARABIC SMALL LOW WORD SAKTA<br>→ 08DD  |
| 10EFE |  | ARABIC SMALL LOW WORD QASR                                                                                              |
| 10EFF |  | ARABIC SMALL LOW WORD MADDA                                                                                             |

|   | 10F7  | 10F8  | 10F9 | 10FA |
|---|-------|-------|------|------|
| 0 | 10F70 | 10F80 |      |      |
| 1 | 10F71 | 10F81 |      |      |
| 2 | 10F72 | 10F82 |      |      |
| 3 | 10F73 | 10F83 |      |      |
| 4 | 10F74 | 10F84 |      |      |
| 5 | 10F75 | 10F85 |      |      |
| 6 | 10F76 | 10F86 |      |      |
| 7 | 10F77 | 10F87 |      |      |
| 8 | 10F78 | 10F88 |      |      |
| 9 | 10F79 | 10F89 |      |      |
| A | 10F7A |       |      |      |
| B | 10F7B |       |      |      |
| C | 10F7C |       |      |      |
| D | 10F7D |       |      |      |
| E | 10F7E |       |      |      |
| F | 10F7F |       |      |      |

#### Letters

|       |   |                              |
|-------|---|------------------------------|
| 10F70 | 𐰀 | OLD UYGHUR LETTER ALEPH      |
| 10F71 | 𐰁 | OLD UYGHUR LETTER BETH       |
| 10F72 | 𐰂 | OLD UYGHUR LETTER GIMEL-HETH |
| 10F73 | 𐰃 | OLD UYGHUR LETTER WAW        |
| 10F74 | 𐰄 | OLD UYGHUR LETTER ZAYIN      |
| 10F75 | 𐰅 | OLD UYGHUR LETTER FINAL HETH |
| 10F76 | 𐰆 | OLD UYGHUR LETTER YODH       |
| 10F77 | 𐰇 | OLD UYGHUR LETTER KAPH       |
| 10F78 | 𐰈 | OLD UYGHUR LETTER LAMEDH     |
| 10F79 | 𐰉 | OLD UYGHUR LETTER MEM        |
| 10F7A | 𐰊 | OLD UYGHUR LETTER NUN        |
| 10F7B | 𐰋 | OLD UYGHUR LETTER SAMEKH     |
| 10F7C | 𐰌 | OLD UYGHUR LETTER PE         |
| 10F7D | 𐰍 | OLD UYGHUR LETTER SADHE      |
| 10F7E | 𐰎 | OLD UYGHUR LETTER RESH       |
| 10F7F | 𐰏 | OLD UYGHUR LETTER SHIN       |
| 10F80 | 𐰐 | OLD UYGHUR LETTER TAW        |
| 10F81 | 𐰑 | OLD UYGHUR LETTER LESH       |

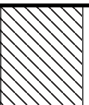
= hooked resh

#### Combining signs

|       |      |                                     |
|-------|------|-------------------------------------|
| 10F82 | ◌̇   | OLD UYGHUR COMBINING DOT ABOVE      |
| 10F83 | ◌̈   | OLD UYGHUR COMBINING DOT BELOW      |
| 10F84 | ◌̈̈  | OLD UYGHUR COMBINING TWO DOTS ABOVE |
| 10F85 | ◌̈̈̈ | OLD UYGHUR COMBINING TWO DOTS BELOW |

#### Punctuation

|       |    |                                  |
|-------|----|----------------------------------|
| 10F86 | /  | OLD UYGHUR PUNCTUATION BAR       |
| 10F87 | // | OLD UYGHUR PUNCTUATION TWO BARS  |
| 10F88 | .. | OLD UYGHUR PUNCTUATION TWO DOTS  |
| 10F89 | ❖  | OLD UYGHUR PUNCTUATION FOUR DOTS |

|   | 1100                                                                                         | 1101                                                                                         | 1102                                                                                         | 1103                                                                                         | 1104                                                                                         | 1105                                                                                         | 1106                                                                                          | 1107                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>11000   | <br>11010   | <br>11020   | <br>11030   | <br>11040   |             | <br>11060   | <br>11070   |
| 1 | <br>11001   | <br>11011   | <br>11021   | <br>11031   | <br>11041   |             | <br>11061   | <br>11071   |
| 2 | <br>11002   | <br>11012   | <br>11022   | <br>11032   | <br>11042   | <br>11052   | <br>11062   | <br>11072   |
| 3 | <br>11003   | <br>11013   | <br>11023   | <br>11033   | <br>11043   | <br>11053   | <br>11063   | <br>11073   |
| 4 | <br>11004   | <br>11014   | <br>11024   | <br>11034   | <br>11044   | <br>11054   | <br>11064   | <br>11074   |
| 5 | <br>11005   | <br>11015   | <br>11025   | <br>11035   | <br>11045   | <br>11055   | <br>11065   | <br>11075   |
| 6 | <br>11006   | <br>11016   | <br>11026   | <br>11036   | <br>11046   | <br>11056   | <br>11066   |            |
| 7 | <br>11007   | <br>11017   | <br>11027   | <br>11037   | <br>11047   | <br>11057   | <br>11067   |           |
| 8 | <br>11008  | <br>11018  | <br>11028  | <br>11038  | <br>11048  | <br>11058  | <br>11068  |           |
| 9 | <br>11009 | <br>11019 | <br>11029 | <br>11039 | <br>11049 | <br>11059 | <br>11069 |           |
| A | <br>1100A | <br>1101A | <br>1102A | <br>1103A | <br>1104A | <br>1105A | <br>1106A |           |
| B | <br>1100B | <br>1101B | <br>1102B | <br>1103B | <br>1104B | <br>1105B | <br>1106B |           |
| C | <br>1100C | <br>1101C | <br>1102C | <br>1103C | <br>1104C | <br>1105C | <br>1106C |           |
| D | <br>1100D | <br>1101D | <br>1102D | <br>1103D | <br>1104D | <br>1105D | <br>1106D |           |
| E | <br>1100E | <br>1101E | <br>1102E | <br>1103E |           | <br>1105E | <br>1106E |           |
| F | <br>1100F | <br>1101F | <br>1102F | <br>1103F |           | <br>1105F | <br>1106F | <br>1107F |



**Various signs**

|       |   |                         |
|-------|---|-------------------------|
| 11000 | 𑀧 | BRAHMI SIGN CANDRABINDU |
| 11001 | 𑀨 | BRAHMI SIGN ANUSVARA    |
| 11002 | 𑀩 | BRAHMI SIGN VISARGA     |
| 11003 | 𑀪 | BRAHMI SIGN JIHVAMULIYA |
| 11004 | 𑀫 | BRAHMI SIGN UPADHMANIYA |

**Independent vowels**

|       |   |                          |
|-------|---|--------------------------|
| 11005 | 𑀬 | BRAHMI LETTER A          |
| 11006 | 𑀭 | BRAHMI LETTER AA         |
| 11007 | 𑀮 | BRAHMI LETTER I          |
| 11008 | 𑀯 | BRAHMI LETTER II         |
| 11009 | 𑀰 | BRAHMI LETTER U          |
| 1100A | 𑀱 | BRAHMI LETTER UU         |
| 1100B | 𑀲 | BRAHMI LETTER VOCALIC R  |
| 1100C | 𑀳 | BRAHMI LETTER VOCALIC RR |
| 1100D | 𑀴 | BRAHMI LETTER VOCALIC L  |
| 1100E | 𑀵 | BRAHMI LETTER VOCALIC LL |
| 1100F | 𑀶 | BRAHMI LETTER E          |
| 11010 | 𑀷 | BRAHMI LETTER AI         |
| 11011 | 𑀸 | BRAHMI LETTER O          |
| 11012 | 𑀹 | BRAHMI LETTER AU         |

**Consonants**

|       |   |                              |
|-------|---|------------------------------|
| 11013 | 𑀺 | BRAHMI LETTER KA             |
| 11014 | 𑀻 | BRAHMI LETTER KHA            |
| 11015 | 𑀼 | BRAHMI LETTER GA             |
| 11016 | 𑀽 | BRAHMI LETTER GHA            |
| 11017 | 𑀾 | BRAHMI LETTER NGA            |
| 11018 | 𑀿 | BRAHMI LETTER CA             |
| 11019 | 𑁀 | BRAHMI LETTER CHA            |
| 1101A | 𑁁 | BRAHMI LETTER JA             |
| 1101B | 𑁂 | BRAHMI LETTER JHA            |
| 1101C | 𑁃 | BRAHMI LETTER NYA            |
| 1101D | 𑁄 | BRAHMI LETTER TTA            |
| 1101E | 𑁅 | BRAHMI LETTER TTHA           |
| 1101F | 𑁆 | BRAHMI LETTER DDA            |
| 11020 | 𑁇 | BRAHMI LETTER DDHA           |
| 11021 | 𑁈 | BRAHMI LETTER NNA            |
| 11022 | 𑁉 | BRAHMI LETTER TA             |
| 11023 | 𑁊 | BRAHMI LETTER THA            |
| 11024 | 𑁋 | BRAHMI LETTER DA             |
| 11025 | 𑁌 | BRAHMI LETTER DHA            |
| 11026 | 𑁍 | BRAHMI LETTER NA             |
| 11027 | 𑁎 | BRAHMI LETTER PA             |
| 11028 | 𑁏 | BRAHMI LETTER PHA            |
| 11029 | 𑁐 | BRAHMI LETTER BA             |
| 1102A | 𑁑 | BRAHMI LETTER BHA            |
| 1102B | 𑁒 | BRAHMI LETTER MA             |
| 1102C | 𑁓 | BRAHMI LETTER YA             |
| 1102D | 𑁔 | BRAHMI LETTER RA             |
| 1102E | 𑁕 | BRAHMI LETTER LA             |
| 1102F | 𑁖 | BRAHMI LETTER VA             |
| 11030 | 𑁗 | BRAHMI LETTER SHA            |
| 11031 | 𑁘 | BRAHMI LETTER SSA            |
| 11032 | 𑁙 | BRAHMI LETTER SA             |
| 11033 | 𑁚 | BRAHMI LETTER HA             |
| 11034 | 𑁛 | BRAHMI LETTER LLA            |
| 11035 | 𑁜 | BRAHMI LETTER OLD TAMIL LLLA |
| 11036 | 𑁝 | BRAHMI LETTER OLD TAMIL RRA  |
| 11037 | 𑁞 | BRAHMI LETTER OLD TAMIL NNA  |

**Dependent vowel signs**

|       |    |                                  |
|-------|----|----------------------------------|
| 11038 | 𑀭𑀮 | BRAHMI VOWEL SIGN AA             |
| 11039 | 𑀭𑀯 | BRAHMI VOWEL SIGN BHATTIPROLU AA |
| 1103A | 𑀭𑀰 | BRAHMI VOWEL SIGN I              |
| 1103B | 𑀭𑀱 | BRAHMI VOWEL SIGN II             |
| 1103C | 𑀭𑀲 | BRAHMI VOWEL SIGN U              |
| 1103D | 𑀭𑀳 | BRAHMI VOWEL SIGN UU             |
| 1103E | 𑀭𑀴 | BRAHMI VOWEL SIGN VOCALIC R      |
| 1103F | 𑀭𑀵 | BRAHMI VOWEL SIGN VOCALIC RR     |
| 11040 | 𑀭𑀶 | BRAHMI VOWEL SIGN VOCALIC L      |
| 11041 | 𑀭𑀷 | BRAHMI VOWEL SIGN VOCALIC LL     |
| 11042 | 𑀭𑀸 | BRAHMI VOWEL SIGN E              |
| 11043 | 𑀭𑀹 | BRAHMI VOWEL SIGN AI             |
| 11044 | 𑀭𑁀 | BRAHMI VOWEL SIGN O              |
| 11045 | 𑀭𑁁 | BRAHMI VOWEL SIGN AU             |

**Virama**

|       |     |               |
|-------|-----|---------------|
| 11046 | 𑀭𑀮𑀯 | BRAHMI VIRAMA |
|-------|-----|---------------|

**Punctuation**

|       |            |                                 |
|-------|------------|---------------------------------|
| 11047 | 𑀭𑀮𑀯𑀰       | BRAHMI DANDA                    |
| 11048 | 𑀭𑀮𑀯𑀰𑀱      | BRAHMI DOUBLE DANDA             |
| 11049 | 𑀭𑀮𑀯𑀰𑀱𑀲     | BRAHMI PUNCTUATION DOT          |
| 1104A | 𑀭𑀮𑀯𑀰𑀱𑀲𑀳    | BRAHMI PUNCTUATION DOUBLE DOT   |
| 1104B | 𑀭𑀮𑀯𑀰𑀱𑀲𑀳𑀴   | BRAHMI PUNCTUATION LINE         |
| 1104C | 𑀭𑀮𑀯𑀰𑀱𑀲𑀳𑀴𑀵  | BRAHMI PUNCTUATION CRESCENT BAR |
| 1104D | 𑀭𑀮𑀯𑀰𑀱𑀲𑀳𑀴𑀵𑀶 | BRAHMI PUNCTUATION LOTUS        |

**Numbers**

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| 11052 | 𑀭𑀮𑀯𑀰𑀱𑀲𑀳𑀴𑀵𑀶𑀷𑀸𑀹𑁀𑁁𑁂𑁃𑁄𑁅𑁆𑁇𑁈𑁉𑁊𑁋𑁌𑁍𑁎𑁏𑁐𑁑𑁒𑁓𑁔𑁕𑁖𑁗𑁘𑁙𑁚𑁛𑁜𑁝𑁞𑁟𑁠𑁡𑁢𑁣𑁤𑁥𑁦𑁧𑁨𑁩𑁪𑁫𑁬𑁭𑁮𑁯𑁰𑁱𑁲𑁳𑁴𑁵𑁶𑁷𑁸𑁹𑁺𑁻𑁼𑁽𑁾𑁿𑂀𑂁𑂂𑂃𑂄𑂅𑂆𑂇𑂈𑂉𑂊𑂋𑂌𑂍𑂎𑂏𑂐𑂑𑂒𑂓𑂔𑂕𑂖𑂗𑂘𑂙𑂚𑂛𑂜𑂝𑂞𑂟𑂠𑂡𑂢𑂣𑂤𑂥𑂦𑂧𑂨𑂩𑂪𑂫𑂬𑂭𑂮𑂯𑂰𑂱𑂲𑂳𑂴𑂵𑂶𑂷𑂸𑂺𑂹𑂻𑂼𑂽𑂾𑂿𑃀𑃁𑃂𑃃𑃄𑃅𑃆𑃇𑃈𑃉𑃊𑃋𑃌𑃍𑃎𑃏𑃐𑃑𑃒𑃓𑃔𑃕𑃖𑃗𑃘𑃙𑃚𑃛𑃜𑃝𑃞𑃟𑃠𑃡𑃢𑃣𑃤𑃥𑃦𑃧𑃨𑃩𑃪𑃫𑃬𑃭𑃮𑃯𑃰𑃱𑃲𑃳𑃴𑃵𑃶𑃷𑃸𑃹𑃺𑃻𑃼𑃽𑃾𑃿𑄀𑄁𑄂𑄃𑄄𑄅𑄆𑄇𑄈𑄉𑄊𑄋𑄌𑄍𑄎𑄏𑄐𑄑𑄒𑄓𑄔𑄕𑄖𑄗𑄘𑄙𑄚𑄛𑄜𑄝𑄞𑄟𑄠𑄡𑄢𑄣𑄤𑄥𑄦𑄧𑄨𑄩𑄪𑄫𑄬𑄭𑄮𑄯𑄰𑄱𑄲𑄳𑄴𑄵𑄶𑄷𑄸𑄹𑄺𑄻𑄼𑄽𑄾𑄿𑅀𑅁𑅂𑅃𑅄𑅅𑅆𑅇𑅈𑅉𑅊𑅋𑅌𑅍𑅎𑅏𑅐𑅑𑅒𑅓𑅔𑅕𑅖𑅗𑅘𑅙𑅚𑅛𑅜𑅝𑅞𑅟𑅠𑅡𑅢𑅣𑅤𑅥𑅦𑅧𑅨𑅩𑅪𑅫𑅬𑅭𑅮𑅯𑅰𑅱𑅲𑅳𑅴𑅵𑅶𑅷𑅸𑅹𑅺𑅻𑅼𑅽𑅾𑅿𑆀𑆁𑆂𑆃𑆄𑆅𑆆𑆇𑆈𑆉𑆊𑆋𑆌𑆍𑆎𑆏𑆐𑆑𑆒𑆓𑆔𑆕𑆖𑆗𑆘𑆙𑆚𑆛𑆜𑆝𑆞𑆟𑆠𑆡𑆢𑆣𑆤𑆥𑆦𑆧𑆨𑆩𑆪𑆫𑆬𑆭𑆮𑆯𑆰𑆱𑆲𑆳𑆴𑆵𑆶𑆷𑆸𑆹𑆺𑆻𑆼𑆽𑆾𑆿𑇀𑇁𑇂𑇃𑇄𑇅𑇆𑇇𑇈𑇉𑇊𑇋𑇌𑇍𑇎𑇏𑇐𑇑𑇒𑇓𑇔𑇕𑇖𑇗𑇘𑇙𑇚𑇛𑇜𑇝𑇞𑇟𑇠𑇡𑇢𑇣𑇤𑇥𑇦𑇧𑇨𑇩𑇪𑇫𑇬𑇭𑇮𑇯𑇰𑇱𑇲𑇳𑇴𑇵𑇶𑇷𑇸𑇹𑇺𑇻𑇼𑇽𑇾𑇿𑈀𑈁𑈂𑈃𑈄𑈅𑈆𑈇𑈈𑈉𑈊𑈋𑈌𑈍𑈎𑈏𑈐𑈑𑈒𑈓𑈔𑈕𑈖𑈗𑈘𑈙𑈚𑈛𑈜𑈝𑈞𑈟𑈠𑈡𑈢𑈣𑈤𑈥𑈦𑈧𑈨𑈩𑈪𑈫𑈬𑈭𑈮𑈯𑈰𑈱𑈲𑈳𑈴𑈶𑈵𑈷𑈸𑈹𑈺𑈻𑈼𑈽𑈾𑈿𑉀𑉁𑉂𑉃𑉄𑉅𑉆𑉇𑉈𑉉𑉊𑉋𑉌𑉍𑉎𑉏𑉐𑉑𑉒𑉓𑉔𑉕𑉖𑉗𑉘𑉙𑉚𑉛𑉜𑉝𑉞𑉟𑉠𑉡𑉢𑉣𑉤𑉥𑉦𑉧𑉨𑉩𑉪𑉫𑉬𑉭𑉮𑉯𑉰𑉱𑉲𑉳𑉴𑉵𑉶𑉷𑉸𑉹𑉺𑉻𑉼𑉽𑉾𑉿𑊀𑊁𑊂𑊃𑊄𑊅𑊆𑊇𑊈𑊉𑊊𑊋𑊌𑊍𑊎𑊏𑊐𑊑𑊒𑊓𑊔𑊕𑊖𑊗𑊘𑊙𑊚𑊛𑊜𑊝𑊞𑊟𑊠𑊡𑊢𑊣𑊤𑊥𑊦𑊧𑊨𑊩𑊪𑊫𑊬𑊭𑊮𑊯𑊰𑊱𑊲𑊳𑊴𑊵𑊶𑊷𑊸𑊹𑊺𑊻𑊼𑊽𑊾𑊿𑋀𑋁𑋂𑋃𑋄𑋅𑋆𑋇𑋈𑋉𑋊𑋋𑋌𑋍𑋎𑋏𑋐𑋑𑋒𑋓𑋔𑋕𑋖𑋗𑋘𑋙𑋚𑋛𑋜𑋝𑋞𑋟𑋠𑋡𑋢𑋣𑋤𑋥𑋦𑋧𑋨𑋩𑋪𑋫𑋬𑋭𑋮𑋯𑋰𑋱𑋲𑋳𑋴𑋵𑋶𑋷𑋸𑋹𑋺𑋻𑋼𑋽𑋾𑋿𑌀𑌁𑌂𑌃𑌄𑌅𑌆𑌇𑌈𑌉𑌊𑌋𑌌𑌍𑌎𑌏𑌐𑌑𑌒𑌓𑌔𑌕𑌖𑌗𑌘𑌙𑌚𑌛𑌜𑌝𑌞𑌟𑌠𑌡𑌢𑌣𑌤𑌥𑌦𑌧𑌨𑌩𑌪𑌫𑌬𑌭𑌮𑌯𑌰𑌱𑌲𑌳𑌴𑌵𑌶𑌷𑌸𑌹𑌺𑌻𑌼𑌽𑌾𑌿𑍀𑍁𑍂𑍃𑍄𑍅𑍆𑍇𑍈𑍉𑍊𑍋𑍌𑍍𑍎𑍏𑍐𑍑𑍒𑍓𑍔𑍕𑍖𑍗𑍘𑍙𑍚𑍛𑍜𑍝𑍞𑍟𑍠𑍡𑍢𑍣𑍤𑍥𑍦𑍧𑍨𑍩𑍪𑍫𑍬𑍭𑍮𑍯𑍰𑍱𑍲𑍳𑍴𑍵𑍶𑍷𑍸𑍹𑍺𑍻𑍼𑍽𑍾𑍿𑎀𑎁𑎂𑎃𑎄𑎅𑎆𑎇𑎈𑎉𑎊𑎋𑎌𑎍𑎎𑎏𑎐𑎑𑎒𑎓𑎔𑎕𑎖𑎗𑎘𑎙𑎚𑎛𑎜𑎝𑎞𑎟𑎠𑎡𑎢𑎣𑎤𑎥𑎦𑎧𑎨𑎩𑎪𑎫𑎬𑎭𑎮𑎯𑎰𑎱𑎲𑎳𑎴𑎵𑎶𑎷𑎸𑎹𑎺𑎻𑎼𑎽𑎾𑎿𑏀𑏁𑏂𑏃𑏄𑏅𑏆𑏇𑏈𑏉𑏊𑏋𑏌𑏍𑏎𑏏𑏐𑏑𑏒𑏓𑏔𑏕𑏖𑏗𑏘𑏙𑏚𑏛𑏜𑏝𑏞𑏟𑏠𑏡𑏢𑏣𑏤𑏥𑏦𑏧𑏨𑏩𑏪𑏫𑏬𑏭𑏮𑏯𑏰𑏱𑏲𑏳𑏴𑏵𑏶𑏷𑏸𑏹𑏺𑏻𑏼𑏽𑏾𑏿𑐀𑐁𑐂𑐃𑐄𑐅𑐆𑐇𑐈𑐉𑐊𑐋𑐌𑐍𑐎𑐏𑐐𑐑𑐒𑐓𑐔𑐕𑐖𑐗𑐘𑐙𑐚𑐛𑐜𑐝𑐞𑐟𑐠𑐡𑐢𑐣𑐤𑐥𑐦𑐧𑐨𑐩𑐪𑐫𑐬𑐭𑐮𑐯𑐰𑐱𑐲𑐳𑐴𑐵𑐶𑐷𑐸𑐹𑐺𑐻𑐼𑐽𑐾𑐿𑑀𑑁𑑂𑑃𑑄𑑅𑑆𑑇𑑈𑑉𑑊𑑋𑑌𑑍𑑎𑑏𑑐𑑑𑑒𑑓𑑔𑑕𑑖𑑗𑑘𑑙𑑚𑑛𑑜𑑝𑑞𑑟𑑠𑑡𑑢𑑣𑑤𑑥𑑦𑑧𑑨𑑩𑑪𑑫𑑬𑑭𑑮𑑯𑑰𑑱𑑲𑑳𑑴𑑵𑑶𑑷𑑸𑑹𑑺𑑻𑑼𑑽𑑾𑑿𑒀𑒁𑒂𑒃𑒄𑒅𑒆𑒇𑒈𑒉𑒊𑒋𑒌𑒍𑒎𑒏𑒐𑒑𑒒𑒓𑒔𑒕𑒖𑒗𑒘𑒙𑒚𑒛𑒜𑒝𑒞𑒟𑒠𑒡𑒢𑒣𑒤𑒥𑒦𑒧𑒨𑒩𑒪𑒫𑒬𑒭𑒮𑒯𑒰𑒱𑒲𑒳𑒴𑒵𑒶𑒷𑒸𑒻𑒻𑒼𑒽𑒾𑒿𑓀𑓁𑓃𑓂𑓄𑓅𑓆𑓇𑓈𑓉𑓊𑓋𑓌𑓍𑓎𑓏𑓐𑓑𑓒𑓓𑓔𑓕𑓖𑓗𑓘𑓙𑓚𑓛𑓜𑓝𑓞𑓟𑓠𑓡𑓢𑓣𑓤𑓥𑓦𑓧𑓨𑓩𑓪𑓫𑓬𑓭𑓮𑓯𑓰𑓱𑓲𑓳𑓴𑓵𑓶𑓷𑓸𑓹𑓺𑓻𑓼𑓽𑓾𑓿𑔀𑔁𑔂𑔃𑔄𑔅𑔆𑔇𑔈𑔉𑔊𑔋𑔌𑔍𑔎𑔏𑔐𑔑𑔒𑔓𑔔𑔕𑔖𑔗𑔘𑔙𑔚𑔛𑔜𑔝𑔞𑔟𑔠𑔡𑔢𑔣𑔤𑔥𑔦𑔧𑔨𑔩𑔪𑔫𑔬𑔭𑔮𑔯𑔰𑔱𑔲𑔳𑔴𑔵𑔶𑔷𑔸𑔹𑔺𑔻𑔼𑔽𑔾𑔿𑕀𑕁𑕂𑕃𑕄𑕅𑕆𑕇𑕈𑕉𑕊𑕋𑕌𑕍𑕎𑕏𑕐𑕑𑕒𑕓𑕔𑕕𑕖𑕗𑕘𑕙𑕚𑕛𑕜𑕝𑕞𑕟𑕠𑕡𑕢𑕣𑕤𑕥𑕦𑕧𑕨𑕩𑕪𑕫𑕬𑕭𑕮𑕯𑕰𑕱𑕲𑕳𑕴𑕵𑕶𑕷𑕸𑕹𑕺𑕻𑕼𑕽𑕾𑕿𑖀𑖁𑖂𑖃𑖄𑖅𑖆𑖇𑖈𑖉𑖊𑖋𑖌𑖍𑖎𑖏𑖐𑖑𑖒𑖓𑖔𑖕𑖖𑖗𑖘𑖙𑖚𑖛𑖜𑖝𑖞𑖟𑖠𑖡𑖢𑖣𑖤𑖥𑖦𑖧𑖨𑖩𑖪𑖫𑖬𑖭𑖮𑖯𑖰𑖱𑖲𑖳𑖴𑖵𑖶𑖷𑖸𑖹𑖺𑖻𑖼𑖽𑖾𑗀𑖿𑗁𑗂𑗃𑗄𑗅𑗆𑗇𑗈𑗉𑗊𑗋𑗌𑗍𑗎𑗏𑗐𑗑𑗒𑗓𑗔𑗕𑗖𑗗𑗘𑗙𑗚𑗛𑗜𑗝𑗞𑗟𑗠𑗡𑗢𑗣𑗤𑗥𑗦𑗧𑗨𑗩𑗪𑗫𑗬𑗭𑗮𑗯𑗰𑗱𑗲𑗳𑗴𑗵𑗶𑗷𑗸𑗹𑗺𑗻𑗼𑗽𑗾𑗿𑘀𑘁𑘂𑘃𑘄𑘅𑘆𑘇𑘈𑘉𑘊𑘋𑘌𑘍𑘎𑘏𑘐𑘑𑘒𑘓𑘔𑘕𑘖𑘗𑘘𑘙𑘚𑘛𑘜𑘝𑘞𑘟𑘠𑘡𑘢𑘣𑘤𑘥𑘦𑘧𑘨𑘩𑘪𑘫𑘬𑘭𑘮𑘯𑘰𑘱𑘲𑘳𑘴𑘵𑘶𑘷𑘸𑘹𑘺𑘻𑘼𑘽𑘾𑘿𑙀𑙁𑙂𑙃𑙄𑙅𑙆𑙇𑙈𑙉𑙊𑙋𑙌𑙍𑙎𑙏𑙐𑙑𑙒𑙓𑙔𑙕𑙖𑙗𑙘𑙙𑙚𑙛𑙜𑙝𑙞𑙟𑙠𑙡𑙢𑙣𑙤𑙥𑙦𑙧𑙨𑙩𑙪𑙫𑙬𑙭𑙮𑙯𑙰𑙱𑙲𑙳𑙴𑙵𑙶𑙷𑙸𑙹𑙺𑙻𑙼𑙽𑙾𑙿𑚀𑚁𑚂𑚃𑚄𑚅𑚆𑚇𑚈𑚉𑚊𑚋𑚌𑚍𑚎𑚏𑚐𑚑𑚒𑚓𑚔𑚕𑚖𑚗𑚘𑚙𑚚𑚛𑚜𑚝𑚞𑚟𑚠𑚡𑚢𑚣𑚤𑚥𑚦𑚧𑚨𑚩𑚪𑚫𑚬𑚭𑚮𑚯𑚰𑚱𑚲𑚳𑚴𑚵𑚷𑚶𑚸𑚹𑚺𑚻𑚼𑚽𑚾𑚿𑛀𑛁𑛂𑛃𑛄𑛅𑛆𑛇𑛈𑛉𑛊𑛋𑛌𑛍𑛎𑛏𑛐𑛑𑛒𑛓𑛔𑛕𑛖𑛗𑛘𑛙𑛚𑛛𑛜𑛝𑛞𑛟𑛠𑛡𑛢𑛣𑛤𑛥𑛦𑛧𑛨𑛩𑛪𑛫𑛬𑛭𑛮𑛯𑛰𑛱𑛲𑛳𑛴𑛵𑛶𑛷𑛸𑛹𑛺𑛻𑛼𑛽𑛾𑛿𑜀𑜁𑜂𑜃𑜄𑜅𑜆𑜇𑜈𑜉𑜊𑜋𑜌𑜍𑜎𑜏𑜐𑜑𑜒𑜓𑜔𑜕𑜖𑜗𑜘𑜙𑜚𑜛𑜜𑜝𑜞𑜟𑜠𑜡𑜢𑜣𑜤𑜥𑜦𑜧𑜨𑜩𑜪𑜫𑜬𑜭𑜮𑜯𑜰𑜱𑜲𑜳𑜴𑜵𑜶𑜷𑜸𑜹𑜺𑜻𑜼𑜽𑜾𑜿𑝀𑝁𑝂𑝃𑝄𑝅𑝆𑝇𑝈𑝉𑝊𑝋𑝌𑝍𑝎𑝏𑝐𑝑𑝒𑝓𑝔𑝕𑝖𑝗𑝘𑝙𑝚𑝛𑝜𑝝𑝞𑝟𑝠𑝡𑝢𑝣𑝤𑝥𑝦𑝧𑝨𑝩𑝪𑝫𑝬𑝭𑝮𑝯𑝰𑝱𑝲𑝳𑝴𑝵𑝶𑝷𑝸𑝹𑝺𑝻𑝼𑝽𑝾𑝿𑞀𑞁𑞂𑞃𑞄𑞅𑞆𑞇𑞈𑞉𑞊𑞋𑞌𑞍𑞎𑞏𑞐𑞑𑞒𑞓𑞔𑞕𑞖𑞗𑞘𑞙𑞚𑞛𑞜𑞝𑞞𑞟𑞠𑞡𑞢𑞣𑞤𑞥𑞦𑞧𑞨𑞩𑞪𑞫𑞬𑞭𑞮𑞯𑞰𑞱𑞲𑞳𑞴𑞵𑞶𑞷𑞸𑞹𑞺𑞻𑞼𑞽𑞾𑞿𑟀𑟁𑟂𑟃𑟄𑟅𑟆𑟇𑟈𑟉𑟊𑟋𑟌𑟍𑟎𑟏𑟐𑟑𑟒𑟓𑟔𑟕𑟖𑟗𑟘𑟙𑟚𑟛𑟜𑟝𑟞𑟟𑟠𑟡𑟢𑟣𑟤𑟥𑟦𑟧𑟨𑟩𑟪𑟫𑟬𑟭𑟮𑟯𑟰𑟱𑟲𑟳𑟴𑟵𑟶𑟷𑟸𑟹𑟺𑟻𑟼𑟽𑟾𑟿𑠀𑠁𑠂𑠃𑠄𑠅𑠆𑠇𑠈𑠉𑠊𑠋𑠌𑠍𑠎𑠏𑠐𑠑𑠒𑠓𑠔𑠕𑠖𑠗𑠘𑠙𑠚𑠛𑠜𑠝𑠞𑠟𑠠𑠡𑠢𑠣𑠤𑠥𑠦𑠧𑠨𑠩𑠪𑠫𑠬𑠭𑠮𑠯𑠰𑠱𑠲𑠳𑠴𑠵𑠶𑠷𑠸𑠺𑠹𑠻𑠼𑠽𑠾𑠿𑡀𑡁𑡂𑡃𑡄𑡅𑡆𑡇𑡈𑡉𑡊𑡋𑡌𑡍𑡎𑡏𑡐𑡑𑡒𑡓𑡔𑡕𑡖𑡗𑡘𑡙𑡚𑡛𑡜𑡝𑡞𑡟𑡠𑡡𑡢𑡣𑡤𑡥𑡦𑡧𑡨𑡩𑡪𑡫𑡬𑡭𑡮𑡯𑡰𑡱𑡲𑡳𑡴𑡵𑡶𑡷𑡸𑡹𑡺𑡻𑡼𑡽𑡾𑡿𑢀𑢁𑢂𑢃𑢄𑢅𑢆𑢇𑢈𑢉𑢊𑢋 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Virama**

*The Old Tamil virama and the other Old Tamil characters below are extensions used in Brahmi when writing Old Tamil.*

11070  BRAHMI SIGN OLD TAMIL VIRAMA

**Independent vowels**

11071  BRAHMI LETTER OLD TAMIL SHORT E

11072  BRAHMI LETTER OLD TAMIL SHORT O

**Dependent vowel signs**

11073  BRAHMI VOWEL SIGN OLD TAMIL SHORT E

11074  BRAHMI VOWEL SIGN OLD TAMIL SHORT O

**Consonant**

11075  BRAHMI LETTER OLD TAMIL LLA

**Number joiner**

1107F  BRAHMI NUMBER JOINER

- a virama used to form ligatures between Brahmi numbers signifying multiplication

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|   | 1108       | 1109        | 110A        | 110B        | 110C       |
|---|------------|-------------|-------------|-------------|------------|
| 0 | ँ<br>11080 | घ<br>11090  | ङ<br>110A0  | ो<br>110B0  | ।<br>110C0 |
| 1 | ं<br>11081 | उ<br>11091  | य<br>110A1  | ि<br>110B1  | ॥<br>110C1 |
| 2 | ः<br>11082 | य<br>11092  | न<br>110A2  | ी<br>110B2  | ॒<br>110C2 |
| 3 | अ<br>11083 | ख<br>11093  | प<br>110A3  | ू<br>110B3  |            |
| 4 | आ<br>11084 | ण<br>11094  | श<br>110A4  | ्र<br>110B4 |            |
| 5 | इ<br>11085 | ह<br>11095  | व<br>110A5  | े<br>110B5  |            |
| 6 | ई<br>11086 | म<br>11096  | न<br>110A6  | ै<br>110B6  |            |
| 7 | उ<br>11087 | ट<br>11097  | म<br>110A7  | ो<br>110B7  |            |
| 8 | ऊ<br>11088 | ड<br>11098  | य<br>110A8  | ौ<br>110B8  |            |
| 9 | ए<br>11089 | उ<br>11099  | ॠ<br>110A9  | र्<br>110B9 |            |
| A | ऐ<br>1108A | ड़<br>1109A | ॢ<br>110AA  | ं<br>110BA  |            |
| B | ओ<br>1108B | ढ<br>1109B  | व<br>110AB  | ०<br>110BB  |            |
| C | औ<br>1108C | ढ़<br>1109C | श्<br>110AC | १<br>110BC  |            |
| D | क<br>1108D | ॢ<br>1109D  | य<br>110AD  | ॡ<br>110BD  | ॢ<br>110CD |
| E | ॣ<br>1108E | ॣ<br>1109E  | स<br>110AE  | —<br>110BE  |            |
| F | ॣ<br>1108F | थ<br>1109F  | ह<br>110AF  | ==<br>110BF |            |

## 11080

## Kaithi

## 110CD

## Various signs

|       |      |                         |
|-------|------|-------------------------|
| 11080 | ◌̣   | KAITHI SIGN CANDRABINDU |
| 11081 | ◌̣̣  | KAITHI SIGN ANUSVARA    |
| 11082 | ◌̣̣̣ | KAITHI SIGN VISARGA     |

## Independent vowels

|       |   |                  |
|-------|---|------------------|
| 11083 | ਅ | KAITHI LETTER A  |
| 11084 | ਐ | KAITHI LETTER AA |
| 11085 | ੲ | KAITHI LETTER I  |
| 11086 | ਏ | KAITHI LETTER II |
| 11087 | ੳ | KAITHI LETTER U  |
| 11088 | ਊ | KAITHI LETTER UU |
| 11089 | ੲ | KAITHI LETTER E  |
| 1108A | ਐ | KAITHI LETTER AI |
| 1108B | ਐ | KAITHI LETTER O  |
| 1108C | ਐ | KAITHI LETTER AU |

## Consonants

|       |                                                         |                     |
|-------|---------------------------------------------------------|---------------------|
| 1108D | ਕ                                                       | KAITHI LETTER KA    |
| 1108E | ਖ                                                       | KAITHI LETTER KHA   |
| 1108F | ਗ                                                       | KAITHI LETTER GA    |
| 11090 | ਘ                                                       | KAITHI LETTER GHA   |
| 11091 | ਙ                                                       | KAITHI LETTER NGA   |
| 11092 | ਚ                                                       | KAITHI LETTER CA    |
| 11093 | ਛ                                                       | KAITHI LETTER CHA   |
| 11094 | ਜ                                                       | KAITHI LETTER JA    |
| 11095 | ਝ                                                       | KAITHI LETTER JHA   |
| 11096 | ਞ                                                       | KAITHI LETTER NYA   |
| 11097 | ਟ                                                       | KAITHI LETTER TTA   |
| 11098 | ਠ                                                       | KAITHI LETTER TTHA  |
| 11099 | ਡ                                                       | KAITHI LETTER DDA   |
| 1109A | ਢ                                                       | KAITHI LETTER DDDHA |
|       | ≡ 11099 ਡ 110BA ਣ                                       |                     |
| 1109B | ਢ                                                       | KAITHI LETTER DDHA  |
| 1109C | ਢ                                                       | KAITHI LETTER RHA   |
|       | ≡ 1109B ਢ 110BA ਣ                                       |                     |
| 1109D | ਨ                                                       | KAITHI LETTER NNA   |
| 1109E | ਤ                                                       | KAITHI LETTER TA    |
| 1109F | ਥ                                                       | KAITHI LETTER THA   |
| 110A0 | ਦ                                                       | KAITHI LETTER DA    |
| 110A1 | ਧ                                                       | KAITHI LETTER DHA   |
| 110A2 | ਨ                                                       | KAITHI LETTER NA    |
| 110A3 | ਪ                                                       | KAITHI LETTER PA    |
| 110A4 | ਫ                                                       | KAITHI LETTER PHA   |
| 110A5 | ਬ                                                       | KAITHI LETTER BA    |
| 110A6 | ਭ                                                       | KAITHI LETTER BHA   |
| 110A7 | ਮ                                                       | KAITHI LETTER MA    |
| 110A8 | ਯ                                                       | KAITHI LETTER YA    |
|       | • glyph may be rendered with or without the visible dot |                     |
| 110A9 | ਰ                                                       | KAITHI LETTER RA    |
| 110AA | ਲ                                                       | KAITHI LETTER LA    |
| 110AB | ਵ                                                       | KAITHI LETTER VA    |
|       | ≡ 110A5 ਧ 110BA ਣ                                       |                     |
| 110AC | ਸ਼                                                      | KAITHI LETTER SHA   |
| 110AD | ਸ਼                                                      | KAITHI LETTER SSA   |
| 110AE | ਸ਼                                                      | KAITHI LETTER SA    |
| 110AF | ਹ                                                       | KAITHI LETTER HA    |

## Dependent vowel signs

|       |    |                      |
|-------|----|----------------------|
| 110B0 | ◌ਿ | KAITHI VOWEL SIGN AA |
| 110B1 | ◌ਿ | KAITHI VOWEL SIGN I  |
| 110B2 | ◌ਿ | KAITHI VOWEL SIGN II |

|       |    |                      |
|-------|----|----------------------|
| 110B3 | ◌ੁ | KAITHI VOWEL SIGN U  |
| 110B4 | ◌ੁ | KAITHI VOWEL SIGN UU |
| 110B5 | ◌ੇ | KAITHI VOWEL SIGN E  |
| 110B6 | ◌ੇ | KAITHI VOWEL SIGN AI |
| 110B7 | ◌ੋ | KAITHI VOWEL SIGN O  |
| 110B8 | ◌ੋ | KAITHI VOWEL SIGN AU |

## Virama

|       |    |                    |
|-------|----|--------------------|
| 110B9 | ◌ੰ | KAITHI SIGN VIRAMA |
|-------|----|--------------------|

## Various signs

|       |    |                                        |
|-------|----|----------------------------------------|
| 110BA | ◌ੰ | KAITHI SIGN NUKTA                      |
| 110BB | ◌ੰ | KAITHI ABBREVIATION SIGN               |
| 110BC | ੴ  | KAITHI ENUMERATION SIGN                |
| 110BD | ੴ  | KAITHI NUMBER SIGN                     |
|       | •  | used to indicate a numerical reference |

## Punctuation

|       |           |                                                    |
|-------|-----------|----------------------------------------------------|
| 110BE | —         | KAITHI SECTION MARK                                |
|       | •         | marks end of sentence                              |
|       | → 1123B — | khojki section mark                                |
| 110BF | =         | KAITHI DOUBLE SECTION MARK                         |
|       | •         | delimits larger chunks of text, such as paragraphs |
|       | → 1123C = | khojki double section mark                         |
| 110C0 |           | KAITHI DANDA                                       |
| 110C1 |           | KAITHI DOUBLE DANDA                                |

## Vowel sign

|       |    |                             |
|-------|----|-----------------------------|
| 110C2 | ◌ੰ | KAITHI VOWEL SIGN VOCALIC R |
|-------|----|-----------------------------|

## Sign

|       |   |                                               |
|-------|---|-----------------------------------------------|
| 110CD | ੴ | KAITHI NUMBER SIGN ABOVE                      |
|       | • | used to indicate a number in an itemized list |

|   | 1120       | 1121       | 1122       | 1123       | 1124       |
|---|------------|------------|------------|------------|------------|
| 0 | 𑌀<br>11200 | 𑌁<br>11210 | 𑌂<br>11220 | 𑌃<br>11230 | 𑌄<br>11240 |
| 1 | 𑌅<br>11201 | 𑌆<br>11211 | 𑌇<br>11221 | 𑌈<br>11231 | 𑌉<br>11241 |
| 2 | 𑌊<br>11202 |            | 𑌋<br>11222 | 𑌌<br>11232 |            |
| 3 | 𑌍<br>11203 | 𑌎<br>11213 | 𑌏<br>11223 | 𑌐<br>11233 |            |
| 4 | 𑌑<br>11204 | 𑌒<br>11214 | 𑌓<br>11224 | 𑌔<br>11234 |            |
| 5 | 𑌕<br>11205 | 𑌖<br>11215 | 𑌗<br>11225 | 𑌘<br>11235 |            |
| 6 | 𑌙<br>11206 | 𑌚<br>11216 | 𑌛<br>11226 | 𑌜<br>11236 |            |
| 7 | 𑌝<br>11207 | 𑌞<br>11217 | 𑌟<br>11227 | 𑌠<br>11237 |            |
| 8 | 𑌡<br>11208 | 𑌢<br>11218 | 𑌣<br>11228 | 𑌤<br>11238 |            |
| 9 | 𑌥<br>11209 | 𑌦<br>11219 | 𑌧<br>11229 | 𑌨<br>11239 |            |
| A | 𑌩<br>1120A | 𑌪<br>1121A | 𑌫<br>1122A | 𑌬<br>1123A |            |
| B | 𑌭<br>1120B | 𑌮<br>1121B | 𑌯<br>1122B | 𑌰<br>1123B |            |
| C | 𑌱<br>1120C | 𑌲<br>1121C | 𑌳<br>1122C | 𑌴<br>1123C |            |
| D | 𑌵<br>1120D | 𑌶<br>1121D | 𑌷<br>1122D | 𑌸<br>1123D |            |
| E | 𑌹<br>1120E | 𑌺<br>1121E | 𑌻<br>1122E | 𑌼<br>1123E |            |
| F | 𑌽<br>1120F | 𑌾<br>1121F | 𑌿<br>1122F | 𑍀<br>1123F |            |

**Independent vowels**

|       |   |                  |
|-------|---|------------------|
| 11200 | 𑌒 | KHOJKI LETTER A  |
| 11201 | 𑌓 | KHOJKI LETTER AA |
| 11202 | 𑌔 | KHOJKI LETTER I  |
| 11203 | 𑌕 | KHOJKI LETTER U  |
| 11204 | 𑌖 | KHOJKI LETTER E  |
| 11205 | 𑌗 | KHOJKI LETTER AI |
| 11206 | 𑌘 | KHOJKI LETTER O  |
| 11207 | 𑌙 | KHOJKI LETTER AU |

**Consonants**

|       |   |                    |
|-------|---|--------------------|
| 11208 | 𑌚 | KHOJKI LETTER KA   |
| 11209 | 𑌛 | KHOJKI LETTER KHA  |
| 1120A | 𑌜 | KHOJKI LETTER GA   |
| 1120B | 𑌝 | KHOJKI LETTER GGA  |
| 1120C | 𑌞 | KHOJKI LETTER GHA  |
| 1120D | 𑌟 | KHOJKI LETTER NGA  |
| 1120E | 𑌠 | KHOJKI LETTER CA   |
| 1120F | 𑌡 | KHOJKI LETTER CHA  |
| 11210 | 𑌢 | KHOJKI LETTER JA   |
| 11211 | 𑌣 | KHOJKI LETTER JJA  |
| 11212 | 𑌤 | <reserved>         |
| 11213 | 𑌥 | KHOJKI LETTER NYA  |
| 11214 | 𑌦 | KHOJKI LETTER TTA  |
| 11215 | 𑌧 | KHOJKI LETTER TTHA |
| 11216 | 𑌨 | KHOJKI LETTER DDA  |
| 11217 | 𑌩 | KHOJKI LETTER DDHA |
| 11218 | 𑌪 | KHOJKI LETTER NNA  |
| 11219 | 𑌫 | KHOJKI LETTER TA   |
| 1121A | 𑌬 | KHOJKI LETTER THA  |
| 1121B | 𑌭 | KHOJKI LETTER DA   |
| 1121C | 𑌮 | KHOJKI LETTER DDDA |
| 1121D | 𑌯 | KHOJKI LETTER DHA  |
| 1121E | 𑌰 | KHOJKI LETTER NA   |
| 1121F | 𑌱 | KHOJKI LETTER PA   |
| 11220 | 𑌲 | KHOJKI LETTER PHA  |
| 11221 | 𑌳 | KHOJKI LETTER BA   |
| 11222 | 𑌴 | KHOJKI LETTER BBA  |
| 11223 | 𑌵 | KHOJKI LETTER BHA  |
| 11224 | 𑌶 | KHOJKI LETTER MA   |
| 11225 | 𑌷 | KHOJKI LETTER YA   |
| 11226 | 𑌸 | KHOJKI LETTER RA   |
| 11227 | 𑌹 | KHOJKI LETTER LA   |
| 11228 | 𑌺 | KHOJKI LETTER VA   |
| 11229 | 𑌻 | KHOJKI LETTER SA   |
| 1122A | 𑌼 | KHOJKI LETTER HA   |
| 1122B | 𑌽 | KHOJKI LETTER LLA  |

**Dependent vowel signs**

|       |   |                      |
|-------|---|----------------------|
| 1122C | 𑌾 | KHOJKI VOWEL SIGN AA |
| 1122D | 𑌿 | KHOJKI VOWEL SIGN I  |
| 1122E | 𑍀 | KHOJKI VOWEL SIGN II |
| 1122F | 𑍁 | KHOJKI VOWEL SIGN U  |
| 11230 | 𑍂 | KHOJKI VOWEL SIGN E  |
| 11231 | 𑍃 | KHOJKI VOWEL SIGN AI |
| 11232 | 𑍄 | KHOJKI VOWEL SIGN O  |
| 11233 | 𑍅 | KHOJKI VOWEL SIGN AU |

**Various signs**

|       |   |                      |
|-------|---|----------------------|
| 11234 | 𑍆 | KHOJKI SIGN ANUSVARA |
| 11235 | 𑍇 | KHOJKI SIGN VIRAMA   |
| 11236 | 𑍈 | KHOJKI SIGN NUKTA    |
| 11237 | 𑍉 | KHOJKI SIGN SHADDA   |

**Punctuation**

|                                                                                              |   |                            |
|----------------------------------------------------------------------------------------------|---|----------------------------|
| 11238                                                                                        | 𑍊 | KHOJKI DANDA               |
| 11239                                                                                        | 𑍋 | KHOJKI DOUBLE DANDA        |
| 1123A                                                                                        | 𑍌 | KHOJKI WORD SEPARATOR      |
| 1123B                                                                                        | 𑍍 | KHOJKI SECTION MARK        |
| • marks end of sentence<br>→ 110BE = kaithi section mark                                     |   |                            |
| 1123C                                                                                        | 𑍎 | KHOJKI DOUBLE SECTION MARK |
| • delimits larger chunks of text, such as paragraphs<br>→ 110BF = kaithi double section mark |   |                            |
| 1123D                                                                                        | 𑍏 | KHOJKI ABBREVIATION SIGN   |

**Sign**

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| 1123E                             | 𑍐 | KHOJKI SIGN SUKUN |
| • used for Arabic transliteration |   |                   |

**Consonant**

|       |   |                  |
|-------|---|------------------|
| 1123F | 𑍑 | KHOJKI LETTER QA |
|-------|---|------------------|

**Independent vowel**

|       |   |                       |
|-------|---|-----------------------|
| 11240 | 𑍒 | KHOJKI LETTER SHORT I |
|-------|---|-----------------------|

**Dependent vowel sign**

|       |   |                             |
|-------|---|-----------------------------|
| 11241 | 𑍓 | KHOJKI VOWEL SIGN VOCALIC R |
|-------|---|-----------------------------|

|   | 1168       | 1169       | 116A       | 116B       | 116C       |
|---|------------|------------|------------|------------|------------|
| 0 | 𑖀<br>11680 | 𑖁<br>11690 | 𑖂<br>116A0 | 𑖃<br>116B0 | 𑖄<br>116C0 |
| 1 | 𑖅<br>11681 | 𑖆<br>11691 | 𑖇<br>116A1 | 𑖈<br>116B1 | 𑖉<br>116C1 |
| 2 | 𑖊<br>11682 | 𑖋<br>11692 | 𑖌<br>116A2 | 𑖍<br>116B2 | 𑖎<br>116C2 |
| 3 | 𑖏<br>11683 | 𑖐<br>11693 | 𑖑<br>116A3 | 𑖒<br>116B3 | 𑖓<br>116C3 |
| 4 | 𑖔<br>11684 | 𑖕<br>11694 | 𑖖<br>116A4 | 𑖗<br>116B4 | 𑖘<br>116C4 |
| 5 | 𑖙<br>11685 | 𑖚<br>11695 | 𑖛<br>116A5 | 𑖜<br>116B5 | 𑖝<br>116C5 |
| 6 | 𑖞<br>11686 | 𑖟<br>11696 | 𑖠<br>116A6 | 𑖡<br>116B6 | 𑖢<br>116C6 |
| 7 | 𑖣<br>11687 | 𑖤<br>11697 | 𑖥<br>116A7 | 𑖦<br>116B7 | 𑖧<br>116C7 |
| 8 | 𑖨<br>11688 | 𑖩<br>11698 | 𑖪<br>116A8 | 𑖫<br>116B8 | 𑖬<br>116C8 |
| 9 | 𑖭<br>11689 | 𑖮<br>11699 | 𑖯<br>116A9 | 𑖰<br>116B9 | 𑖱<br>116C9 |
| A | 𑖲<br>1168A | 𑖳<br>1169A | 𑖴<br>116AA |            |            |
| B | 𑖵<br>1168B | 𑖶<br>1169B | 𑖷<br>116AB |            |            |
| C | 𑖸<br>1168C | 𑖹<br>1169C | 𑖺<br>116AC |            |            |
| D | 𑖻<br>1168D | 𑖼<br>1169D | 𑖽<br>116AD |            |            |
| E | 𑖾<br>1168E | 𑖿<br>1169E | 𑗀<br>116AE |            |            |
| F | 𑗁<br>1168F | 𑗂<br>1169F | 𑗃<br>116AF |            |            |



**Independent vowels**

|       |   |                 |
|-------|---|-----------------|
| 11680 | 𑖀 | TAKRI LETTER A  |
| 11681 | 𑖁 | TAKRI LETTER AA |
| 11682 | 𑖂 | TAKRI LETTER I  |
| 11683 | 𑖃 | TAKRI LETTER II |
| 11684 | 𑖄 | TAKRI LETTER U  |
| 11685 | 𑖅 | TAKRI LETTER UU |
| 11686 | 𑖆 | TAKRI LETTER E  |
| 11687 | 𑖇 | TAKRI LETTER AI |
| 11688 | 𑖈 | TAKRI LETTER O  |
| 11689 | 𑖉 | TAKRI LETTER AU |

**Consonants**

|                           |   |                    |
|---------------------------|---|--------------------|
| 1168A                     | 𑖐 | TAKRI LETTER KA    |
| 1168B                     | 𑖑 | TAKRI LETTER KHA   |
| • also used to denote ssa |   |                    |
| 1168C                     | 𑖒 | TAKRI LETTER GA    |
| 1168D                     | 𑖓 | TAKRI LETTER GHA   |
| 1168E                     | 𑖔 | TAKRI LETTER NGA   |
| 1168F                     | 𑖕 | TAKRI LETTER CA    |
| 11690                     | 𑖖 | TAKRI LETTER CHA   |
| 11691                     | 𑖗 | TAKRI LETTER JA    |
| 11692                     | 𑖘 | TAKRI LETTER JHA   |
| 11693                     | 𑖙 | TAKRI LETTER NYA   |
| 11694                     | 𑖚 | TAKRI LETTER TTA   |
| 11695                     | 𑖛 | TAKRI LETTER TTTHA |
| 11696                     | 𑖜 | TAKRI LETTER DDA   |
| 11697                     | 𑖝 | TAKRI LETTER DDHA  |
| 11698                     | 𑖞 | TAKRI LETTER NNA   |
| 11699                     | 𑖟 | TAKRI LETTER TA    |
| 1169A                     | 𑖠 | TAKRI LETTER THA   |
| 1169B                     | 𑖡 | TAKRI LETTER DA    |
| 1169C                     | 𑖢 | TAKRI LETTER DHA   |
| 1169D                     | 𑖣 | TAKRI LETTER NA    |
| 1169E                     | 𑖤 | TAKRI LETTER PA    |
| 1169F                     | 𑖥 | TAKRI LETTER PHA   |
| 116A0                     | 𑖦 | TAKRI LETTER BA    |
| 116A1                     | 𑖧 | TAKRI LETTER BHA   |
| 116A2                     | 𑖨 | TAKRI LETTER MA    |
| 116A3                     | 𑖩 | TAKRI LETTER YA    |
| 116A4                     | 𑖪 | TAKRI LETTER RA    |
| 116A5                     | 𑖫 | TAKRI LETTER LA    |
| 116A6                     | 𑖬 | TAKRI LETTER VA    |
| 116A7                     | 𑖭 | TAKRI LETTER SHA   |
| 116A8                     | 𑖮 | TAKRI LETTER SA    |
| 116A9                     | 𑖯 | TAKRI LETTER HA    |
| 116AA                     | 𑖰 | TAKRI LETTER RRA   |

**Various signs**

|       |   |                     |
|-------|---|---------------------|
| 116AB | 𑖱 | TAKRI SIGN ANUSVARA |
| 116AC | 𑖲 | TAKRI SIGN VISARGA  |

**Dependent vowel signs**

|       |   |                     |
|-------|---|---------------------|
| 116AD | 𑖳 | TAKRI VOWEL SIGN AA |
| 116AE | 𑖴 | TAKRI VOWEL SIGN I  |
| 116AF | 𑖵 | TAKRI VOWEL SIGN II |
| 116B0 | 𑖶 | TAKRI VOWEL SIGN U  |
| 116B1 | 𑖷 | TAKRI VOWEL SIGN UU |
| 116B2 | 𑖸 | TAKRI VOWEL SIGN E  |
| 116B3 | 𑖹 | TAKRI VOWEL SIGN AI |
| 116B4 | 𑖺 | TAKRI VOWEL SIGN O  |
| 116B5 | 𑖻 | TAKRI VOWEL SIGN AU |

**Virama**

|       |   |                   |
|-------|---|-------------------|
| 116B6 | 𑖼 | TAKRI SIGN VIRAMA |
|-------|---|-------------------|

**Nukta**

|       |   |                  |
|-------|---|------------------|
| 116B7 | 𑖽 | TAKRI SIGN NUKTA |
|-------|---|------------------|

**Consonant**

|                                          |   |                          |
|------------------------------------------|---|--------------------------|
| 116B8                                    | 𑖾 | TAKRI LETTER ARCHAIC KHA |
| • used in earlier writings to denote kha |   |                          |

**Punctuation**

|                                     |   |                         |
|-------------------------------------|---|-------------------------|
| 116B9                               | • | TAKRI ABBREVIATION SIGN |
| → 0A76 • gurmukhi abbreviation sign |   |                         |
| → 111C7 • sharada abbreviation sign |   |                         |

**Digits**

|       |   |                   |
|-------|---|-------------------|
| 116C0 | • | TAKRI DIGIT ZERO  |
| 116C1 | 𑖿 | TAKRI DIGIT ONE   |
| 116C2 | 𑗀 | TAKRI DIGIT TWO   |
| 116C3 | 𑗁 | TAKRI DIGIT THREE |
| 116C4 | 𑗂 | TAKRI DIGIT FOUR  |
| 116C5 | 𑗃 | TAKRI DIGIT FIVE  |
| 116C6 | 𑗄 | TAKRI DIGIT SIX   |
| 116C7 | 𑗅 | TAKRI DIGIT SEVEN |
| 116C8 | 𑗆 | TAKRI DIGIT EIGHT |
| 116C9 | 𑗇 | TAKRI DIGIT NINE  |

|   | 1170       | 1171       | 1172       | 1173       | 1174       |
|---|------------|------------|------------|------------|------------|
| 0 | ᱠ<br>11700 | ᱡ<br>11710 | ᱣ<br>11720 | ᱤ<br>11730 | ᱥ<br>11740 |
| 1 | ᱦ<br>11701 | ᱧ<br>11711 | ᱨ<br>11721 | ᱩ<br>11731 | ᱪ<br>11741 |
| 2 | ᱫ<br>11702 | ᱬ<br>11712 | ᱭ<br>11722 | ᱮ<br>11732 | ᱯ<br>11742 |
| 3 | ᱰ<br>11703 | ᱱ<br>11713 | ᱲ<br>11723 | ᱳ<br>11733 | ᱴ<br>11743 |
| 4 | ᱵ<br>11704 | ᱶ<br>11714 | ᱷ<br>11724 | ᱸ<br>11734 | ᱹ<br>11744 |
| 5 | ᱺ<br>11705 | ᱻ<br>11715 | ᱼ<br>11725 | ᱽ<br>11735 | ᱾<br>11745 |
| 6 | ᱿<br>11706 | ᱠ<br>11716 | ᱡ<br>11726 | ᱣ<br>11736 | ᱤ<br>11746 |
| 7 | ᱥ<br>11707 | ᱦ<br>11717 | ᱧ<br>11727 | ᱨ<br>11737 |            |
| 8 | ᱪ<br>11708 | ᱫ<br>11718 | ᱬ<br>11728 | ᱭ<br>11738 |            |
| 9 | ᱯ<br>11709 | ᱰ<br>11719 | ᱱ<br>11729 | ᱲ<br>11739 |            |
| A | ᱳ<br>1170A | ᱴ<br>1171A | ᱵ<br>1172A | ᱶ<br>1173A |            |
| B | ᱹ<br>1170B |            | ᱺ<br>1172B | ᱻ<br>1173B |            |
| C | ᱽ<br>1170C |            |            | ᱾<br>1173C |            |
| D | ᱿<br>1170D | ᱠ<br>1171D |            | ᱡ<br>1173D |            |
| E | ᱣ<br>1170E | ᱤ<br>1171E |            | ᱦ<br>1173E |            |
| F | ᱨ<br>1170F | ᱩ<br>1171F |            | ᱪ<br>1173F |            |

**Consonants**

|       |   |                          |
|-------|---|--------------------------|
| 11700 | ᱠ | AHOM LETTER KA           |
| 11701 | ᱡ | AHOM LETTER KHA          |
| 11702 | ᱢ | AHOM LETTER NGA          |
| 11703 | ᱣ | AHOM LETTER NA           |
| 11704 | ᱤ | AHOM LETTER TA           |
| 11705 | ᱥ | AHOM LETTER ALTERNATE TA |
| 11706 | ᱦ | AHOM LETTER PA           |
| 11707 | ᱧ | AHOM LETTER PHA          |
| 11708 | ᱨ | AHOM LETTER BA           |
| 11709 | ᱩ | AHOM LETTER MA           |
| 1170A | ᱪ | AHOM LETTER JA           |
| 1170B | ᱫ | AHOM LETTER CHA          |
| 1170C | ᱬ | AHOM LETTER THA          |
| 1170D | ᱭ | AHOM LETTER RA           |
| 1170E | ᱮ | AHOM LETTER LA           |
| 1170F | ᱯ | AHOM LETTER SA           |
| 11710 | ᱰ | AHOM LETTER NYA          |
| 11711 | ᱱ | AHOM LETTER HA           |
| 11712 | ᱲ | AHOM LETTER A            |
| 11713 | ᱳ | AHOM LETTER DA           |
| 11714 | ᱴ | AHOM LETTER DHA          |
| 11715 | ᱵ | AHOM LETTER GA           |
| 11716 | ᱶ | AHOM LETTER ALTERNATE GA |
| 11717 | ᱷ | AHOM LETTER GHA          |
| 11718 | ᱸ | AHOM LETTER BHA          |
| 11719 | ᱹ | AHOM LETTER JHA          |
| 1171A | ᱺ | AHOM LETTER ALTERNATE BA |

**Medials**

|       |   |                                        |
|-------|---|----------------------------------------|
| 1171D | ᱻ | AHOM CONSONANT SIGN MEDIAL LA          |
| 1171E | ᱼ | AHOM CONSONANT SIGN MEDIAL RA          |
| 1171F | ᱽ | AHOM CONSONANT SIGN MEDIAL LIGATING RA |

**Vowel signs**

|       |   |                    |
|-------|---|--------------------|
| 11720 | ᱾ | AHOM VOWEL SIGN A  |
| 11721 | ᱿ | AHOM VOWEL SIGN AA |
| 11722 | ᱠ | AHOM VOWEL SIGN I  |
| 11723 | ᱡ | AHOM VOWEL SIGN II |
| 11724 | ᱢ | AHOM VOWEL SIGN U  |
| 11725 | ᱣ | AHOM VOWEL SIGN UU |
| 11726 | ᱤ | AHOM VOWEL SIGN E  |
| 11727 | ᱥ | AHOM VOWEL SIGN AW |
| 11728 | ᱦ | AHOM VOWEL SIGN O  |
| 11729 | ᱧ | AHOM VOWEL SIGN AI |
| 1172A | ᱨ | AHOM VOWEL SIGN AM |
| 1172B | ᱩ | AHOM SIGN KILLER   |

**Digits**

|       |    |                  |
|-------|----|------------------|
| 11730 | ᱪᱚ | AHOM DIGIT ZERO  |
| 11731 | ᱪᱛ | AHOM DIGIT ONE   |
| 11732 | ᱪᱜ | AHOM DIGIT TWO   |
| 11733 | ᱪᱝ | AHOM DIGIT THREE |
| 11734 | ᱪᱞ | AHOM DIGIT FOUR  |
| 11735 | ᱪᱟ | AHOM DIGIT FIVE  |
| 11736 | ᱪᱠ | AHOM DIGIT SIX   |
| 11737 | ᱪᱡ | AHOM DIGIT SEVEN |
| 11738 | ᱪᱣ | AHOM DIGIT EIGHT |
| 11739 | ᱪᱤ | AHOM DIGIT NINE  |

**Numbers**

|       |    |                    |
|-------|----|--------------------|
| 1173A | ᱪᱥ | AHOM NUMBER TEN    |
| 1173B | ᱪᱦ | AHOM NUMBER TWENTY |

**Punctuation**

|       |        |                         |
|-------|--------|-------------------------|
| 1173C | ᱫᱽᱨᱚᱸᱰ | AHOM SIGN SMALL SECTION |
| 1173D | ᱫᱽᱨᱚᱸᱰ | AHOM SIGN SECTION       |
| 1173E | ᱫᱽᱨᱚᱸᱰ | AHOM SIGN RULAI         |
| 1173F | ᱫᱽᱨᱚᱸᱰ | AHOM SYMBOL VI          |

**Additional consonants**

|       |        |                  |
|-------|--------|------------------|
| 11740 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER CA   |
| 11741 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER TTA  |
| 11742 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER TTHA |
| 11743 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER DDA  |
| 11744 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER DDHA |
| 11745 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER NNA  |
| 11746 | ᱫᱽᱨᱚᱸᱰ | AHOM LETTER LLA  |

| 11AB    |
|---------|
| 0 11AB0 |
| 1 11AB1 |
| 2 11AB2 |
| 3 11AB3 |
| 4 11AB4 |
| 5 11AB5 |
| 6 11AB6 |
| 7 11AB7 |
| 8 11AB8 |
| 9 11AB9 |
| A 11ABA |
| B 11ABB |
| C 11ABC |
| D 11ABD |
| E 11ABE |
| F 11ABF |

#### Syllables for Nattilik

|       |   |                                                         |
|-------|---|---------------------------------------------------------|
| 11AB0 | 𐀀 | CANADIAN SYLLABICS NATTILIK HI                          |
| 11AB1 | 𐀁 | CANADIAN SYLLABICS NATTILIK HII                         |
| 11AB2 | 𐀂 | CANADIAN SYLLABICS NATTILIK HO<br>• Nattilik (HU)       |
| 11AB3 | 𐀃 | CANADIAN SYLLABICS NATTILIK HOO<br>• Nattilik (HUU)     |
| 11AB4 | 𐀄 | CANADIAN SYLLABICS NATTILIK HA                          |
| 11AB5 | 𐀅 | CANADIAN SYLLABICS NATTILIK HAA                         |
| 11AB6 | 𐀆 | CANADIAN SYLLABICS NATTILIK SHRI                        |
| 11AB7 | 𐀇 | CANADIAN SYLLABICS NATTILIK SHRII                       |
| 11AB8 | 𐀈 | CANADIAN SYLLABICS NATTILIK SHRO<br>• Nattilik (SHRU)   |
| 11AB9 | 𐀉 | CANADIAN SYLLABICS NATTILIK SHROO<br>• Nattilik (SHRUU) |
| 11ABA | 𐀊 | CANADIAN SYLLABICS NATTILIK SHRA                        |
| 11ABB | 𐀋 | CANADIAN SYLLABICS NATTILIK SHRAA                       |

#### Historic syllables for Cree and Ojibway

|       |   |                        |
|-------|---|------------------------|
| 11ABC | 𐀌 | CANADIAN SYLLABICS SPE |
| 11ABD | 𐀍 | CANADIAN SYLLABICS SPI |
| 11ABE | 𐀎 | CANADIAN SYLLABICS SPO |
| 11ABF | 𐀏 | CANADIAN SYLLABICS SPA |

|   | 11B0       | 11B1 | 11B2 | 11B3 | 11B4 | 11B5 |
|---|------------|------|------|------|------|------|
| 0 | ॥<br>11B00 |      |      |      |      |      |
| 1 | ॥<br>11B01 |      |      |      |      |      |
| 2 | ॥<br>11B02 |      |      |      |      |      |
| 3 | ॥<br>11B03 |      |      |      |      |      |
| 4 | ॥<br>11B04 |      |      |      |      |      |
| 5 | ॥<br>11B05 |      |      |      |      |      |
| 6 | ॥<br>11B06 |      |      |      |      |      |
| 7 | ॥<br>11B07 |      |      |      |      |      |
| 8 | ॥<br>11B08 |      |      |      |      |      |
| 9 | ॥<br>11B09 |      |      |      |      |      |
| A |            |      |      |      |      |      |
| B |            |      |      |      |      |      |
| C |            |      |      |      |      |      |
| D |            |      |      |      |      |      |
| E |            |      |      |      |      |      |
| F |            |      |      |      |      |      |

**Head marks**

|       |   |                                                          |
|-------|---|----------------------------------------------------------|
| 11B00 | 𑀅 | DEVANAGARI HEAD MARK<br>→ 0965 𑀅 devanagari double danda |
| 11B01 | 𑀆 | DEVANAGARI HEAD MARK WITH HEADSTROKE                     |

**Auspicious signs**

*These are used for representing bhale mīndu signs.*

|       |   |                                                         |
|-------|---|---------------------------------------------------------|
| 11B02 | 𑀇 | DEVANAGARI SIGN BHALE                                   |
| 11B03 | 𑀈 | DEVANAGARI SIGN BHALE WITH HOOK                         |
| 11B04 | 𑀉 | DEVANAGARI SIGN EXTENDED BHALE                          |
| 11B05 | 𑀊 | DEVANAGARI SIGN EXTENDED BHALE WITH HOOK                |
| 11B06 | 𑀋 | DEVANAGARI SIGN WESTERN FIVE-LIKE BHALE                 |
| 11B07 | 𑀌 | DEVANAGARI SIGN WESTERN NINE-LIKE BHALE                 |
| 11B08 | 𑀍 | DEVANAGARI SIGN REVERSED NINE-LIKE BHALE                |
| 11B09 | 𑀎 | DEVANAGARI SIGN MINDU<br>→ 0966 𑀎 devanagari digit zero |

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|   | 11F0       | 11F1       | 11F2       | 11F3       | 11F4       | 11F5       |
|---|------------|------------|------------|------------|------------|------------|
| 0 | 𑀀<br>11F00 | 𑀁<br>11F10 | 𑀂<br>11F20 | 𑀃<br>11F30 | 𑀄<br>11F40 | 𑀅<br>11F50 |
| 1 | 𑀆<br>11F01 |            | 𑀇<br>11F21 | 𑀈<br>11F31 | 𑀉<br>11F41 | 𑀊<br>11F51 |
| 2 | 𑀋<br>11F02 | 𑀌<br>11F12 | 𑀍<br>11F22 | 𑀎<br>11F32 | 𑀏<br>11F42 | 𑀐<br>11F52 |
| 3 | 𑀑<br>11F03 | 𑀒<br>11F13 | 𑀓<br>11F23 | 𑀔<br>11F33 | 𑀕<br>11F43 | 𑀖<br>11F53 |
| 4 | 𑀗<br>11F04 | 𑀘<br>11F14 | 𑀙<br>11F24 | 𑀚<br>11F34 | 𑀛<br>11F44 | 𑀜<br>11F54 |
| 5 | 𑀝<br>11F05 | 𑀞<br>11F15 | 𑀟<br>11F25 | 𑀠<br>11F35 | 𑀡<br>11F45 | 𑀢<br>11F55 |
| 6 | 𑀣<br>11F06 | 𑀤<br>11F16 | 𑀥<br>11F26 | 𑀦<br>11F36 | 𑀧<br>11F46 | 𑀨<br>11F56 |
| 7 | 𑀩<br>11F07 | 𑀪<br>11F17 | 𑀫<br>11F27 | 𑀬<br>11F37 | 𑀭<br>11F47 | 𑀮<br>11F57 |
| 8 | 𑀯<br>11F08 | 𑀰<br>11F18 | 𑀱<br>11F28 | 𑀲<br>11F38 | 𑀳<br>11F48 | 𑀴<br>11F58 |
| 9 | 𑀵<br>11F09 | 𑀶<br>11F19 | 𑀷<br>11F29 | 𑀸<br>11F39 | 𑀹<br>11F49 | 𑀺<br>11F59 |
| A | 𑀻<br>11F0A | 𑀼<br>11F1A | 𑀽<br>11F2A | 𑀾<br>11F3A | 𑀿<br>11F4A |            |
| B | 𑁀<br>11F0B | 𑁁<br>11F1B | 𑁂<br>11F2B |            | 𑁃<br>11F4B |            |
| C | 𑁄<br>11F0C | 𑁅<br>11F1C | 𑁆<br>11F2C |            | 𑁇<br>11F4C |            |
| D | 𑁈<br>11F0D | 𑁉<br>11F1D | 𑁊<br>11F2D |            | 𑁋<br>11F4D |            |
| E | 𑁌<br>11F0E | 𑁍<br>11F1E | 𑁎<br>11F2E | 𑁏<br>11F3E | 𑁐<br>11F4E |            |
| F | 𑁑<br>11F0F | 𑁒<br>11F1F | 𑁓<br>11F2F | 𑁔<br>11F3F | 𑁕<br>11F4F |            |



## Signs

|       |    |                                                                                                                                     |
|-------|----|-------------------------------------------------------------------------------------------------------------------------------------|
| 11F00 | ◌̣ | KAWI SIGN CANDRABINDU                                                                                                               |
| 11F01 | ◌̤ | KAWI SIGN ANUSVARA                                                                                                                  |
| 11F02 | ◌̥ | KAWI SIGN REPHA <ul style="list-style-type: none"> <li>• cluster-initial form of 11F2C ᱥ</li> <li>• also used as final r</li> </ul> |
| 11F03 | ◌̦ | KAWI SIGN VISARGA                                                                                                                   |

## Independent vowels

| Independent vowels |               |                        |
|--------------------|---------------|------------------------|
| 11F04              | ᐱ             | KAWI LETTER A          |
| 11F05              | ᐱᐱ            | KAWI LETTER AA         |
| 11F06              | ᐱᐱᐱ           | KAWI LETTER I          |
| 11F07              | ᐱᐱᐱᐱ          | KAWI LETTER II         |
| 11F08              | ᐱᐱᐱᐱᐱ         | KAWI LETTER U          |
| 11F09              | ᐱᐱᐱᐱᐱᐱ        | KAWI LETTER UU         |
| 11F0A              | ᐱᐱᐱᐱᐱᐱᐱ       | KAWI LETTER VOCALIC R  |
| 11F0B              | ᐱᐱᐱᐱᐱᐱᐱᐱ      | KAWI LETTER VOCALIC RR |
| 11F0C              | ᐱᐱᐱᐱᐱᐱᐱᐱᐱ     | KAWI LETTER VOCALIC L  |
| 11F0D              | ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ    | KAWI LETTER VOCALIC LL |
| 11F0E              | ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ   | KAWI LETTER E          |
| 11F0F              | ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ  | KAWI LETTER AI         |
| 11F10              | ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ | KAWI LETTER O          |

## Consonants

|       |   |                  |
|-------|---|------------------|
| 11F12 | ᄒ | KAWI LETTER KA   |
| 11F13 | ᄓ | KAWI LETTER KHA  |
| 11F14 | ᄔ | KAWI LETTER GA   |
| 11F15 | ᄕ | KAWI LETTER GHA  |
| 11F16 | ᄖ | KAWI LETTER NGA  |
| 11F17 | ᄗ | KAWI LETTER CA   |
| 11F18 | ᄘ | KAWI LETTER CHA  |
| 11F19 | ᄙ | KAWI LETTER JA   |
| 11F1A | ᄚ | KAWI LETTER JHA  |
| 11F1B | ᄛ | KAWI LETTER NYA  |
| 11F1C | ᄜ | KAWI LETTER TTA  |
| 11F1D | ᄝ | KAWI LETTER TTHA |
| 11F1E | ᄞ | KAWI LETTER DDA  |
| 11F1F | ᄟ | KAWI LETTER DDHA |
| 11F20 | ᄠ | KAWI LETTER NNA  |
| 11F21 | ᄡ | KAWI LETTER TA   |
| 11F22 | ᄢ | KAWI LETTER THA  |
| 11F23 | ᄣ | KAWI LETTER DA   |
| 11F24 | ᄤ | KAWI LETTER DHA  |
| 11F25 | ᄥ | KAWI LETTER NA   |
| 11F26 | ᄦ | KAWI LETTER PA   |
| 11F27 | ᄧ | KAWI LETTER PHA  |
| 11F28 | ᄨ | KAWI LETTER BA   |
| 11F29 | ᄩ | KAWI LETTER BHA  |
| 11F2A | ᄪ | KAWI LETTER MA   |
| 11F2B | ᄫ | KAWI LETTER YA   |
| 11F2C | ᄬ | KAWI LETTER RA   |
| 11F2D | ᄭ | KAWI LETTER LA   |
| 11F2E | ᄮ | KAWI LETTER WA   |
| 11F2F | ᄯ | KAWI LETTER SHA  |
| 11F30 | ᄰ | KAWI LETTER SSA  |
| 11F31 | ᄱ | KAWI LETTER SA   |
| 11F32 | ᄲ | KAWI LETTER HA   |
| 11F33 | ᄳ | KAWI LETTER JNYA |

### Dependent vowel signs

|       |     |                              |
|-------|-----|------------------------------|
| 11F34 | ◌̥  | KAWI VOWEL SIGN AA           |
| 11F35 | ◌̥̄ | KAWI VOWEL SIGN ALTERNATE AA |
| 11F36 | ◌̥̈ | KAWI VOWEL SIGN I            |

|       |    |                           |
|-------|----|---------------------------|
| 11F37 | ◌̥ | KAWI VOWEL SIGN II        |
| 11F38 | ◌̦ | KAWI VOWEL SIGN U         |
| 11F39 | ◌̧ | KAWI VOWEL SIGN UU        |
| 11F3A | ◌̨ | KAWI VOWEL SIGN VOCALIC R |
| 11F3B | ◌̩ | <reserved>                |
| 11F3C | ◌̪ | <reserved>                |
| 11F3D | ◌̫ | <reserved>                |
| 11F3E | ◌̬ | KAWI VOWEL SIGN E         |
| 11F3F | ◌̭ | KAWI VOWEL SIGN AI        |
| 11F40 | ◌̮ | KAWI VOWEL SIGN EU        |

• represents schwa [ə]

## Viramas

|       |                                                                                   |                                                                                                                                    |
|-------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 11F41 |  | <b>KAWI SIGN KILLER</b> <ul style="list-style-type: none"> <li>vowel killer, always rendered visibly</li> </ul>                    |
| 11F42 |  | <b>KAWI CONJOINER</b> <ul style="list-style-type: none"> <li>used for producing below-base and post-base conjunct forms</li> </ul> |

## Punctuation

|       |   |                                           |
|-------|---|-------------------------------------------|
| 11F43 | ] | KAWI DANDA                                |
| 11F44 | ] | KAWI DOUBLE DANDA                         |
| 11F45 | ⌋ | KAWI PUNCTUATION SECTION MARKER           |
| 11F46 | ⌋ | KAWI PUNCTUATION ALTERNATE SECTION MARKER |
| 11F47 | ⊙ | KAWI PUNCTUATION FLOWER                   |
| 11F48 | ⋈ | KAWI PUNCTUATION SPACE FILLER             |
| 11F49 | . | KAWI PUNCTUATION DOT                      |
| 11F4A | ⋯ | KAWI PUNCTUATION DOUBLE DOT               |
| 11F4B | ⋮ | KAWI PUNCTUATION TRIPLE DOT               |
| 11F4C | ○ | KAWI PUNCTUATION CIRCLE                   |
| 11F4D | ◉ | KAWI PUNCTUATION FILLED CIRCLE            |
| 11F4E | ⊙ | KAWI PUNCTUATION SPIRAL                   |
| 11F4F | ⌚ | KAWI PUNCTUATION CLOSING SPIRAL           |

## Digits

|       |   |                                            |
|-------|---|--------------------------------------------|
| 11F50 | ◦ | KAWI DIGIT ZERO                            |
| 11F51 | ◑ | KAWI DIGIT ONE                             |
| 11F52 | ◒ | KAWI DIGIT TWO<br>• also used as letter ro |
| 11F53 | ◓ | KAWI DIGIT THREE                           |
| 11F54 | ◔ | KAWI DIGIT FOUR                            |
| 11F55 | ◕ | KAWI DIGIT FIVE                            |
| 11F56 | ◖ | KAWI DIGIT SIX                             |
| 11F57 | ◗ | KAWI DIGIT SEVEN                           |
| 11F58 | ◘ | KAWI DIGIT EIGHT                           |
| 11F59 | ◙ | KAWI DIGIT NINE                            |

|   | 12F9                                                                                         | 12FA                                                                                         | 12FB                                                                                         | 12FC                                                                                         | 12FD                                                                                         | 12FE                                                                                         | 12FF                                                                                        |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 0 | <br>12F90   | <br>12FA0   | <br>12FB0   | <br>12FC0   | <br>12FD0   | <br>12FE0   | <br>12FF0 |
| 1 | <br>12F91   | <br>12FA1   | <br>12FB1   | <br>12FC1   | <br>12FD1   | <br>12FE1   | <br>12FF1 |
| 2 | <br>12F92   | <br>12FA2   | <br>12FB2   | <br>12FC2   | <br>12FD2   | <br>12FE2   | <br>12FF2 |
| 3 | <br>12F93   | <br>12FA3   | <br>12FB3   | <br>12FC3   | <br>12FD3   | <br>12FE3   |                                                                                             |
| 4 | <br>12F94   | <br>12FA4   | <br>12FB4   | <br>12FC4   | <br>12FD4   | <br>12FE4   |                                                                                             |
| 5 | <br>12F95   | <br>12FA5   | <br>12FB5   | <br>12FC5   | <br>12FD5   | <br>12FE5   |                                                                                             |
| 6 | <br>12F96  | <br>12FA6  | <br>12FB6  | <br>12FC6  | <br>12FD6  | <br>12FE6  |                                                                                             |
| 7 | <br>12F97 | <br>12FA7 | <br>12FB7 | <br>12FC7 | <br>12FD7 | <br>12FE7 |                                                                                             |
| 8 | <br>12F98 | <br>12FA8 | <br>12FB8 | <br>12FC8 | <br>12FD8 | <br>12FE8 |                                                                                             |
| 9 | <br>12F99 | <br>12FA9 | <br>12FB9 | <br>12FC9 | <br>12FD9 | <br>12FE9 |                                                                                             |
| A | <br>12F9A | <br>12FAA | <br>12FBA | <br>12FCA | <br>12FDA | <br>12FEA |                                                                                             |
| B | <br>12F9B | <br>12FAB | <br>12FBB | <br>12FCB | <br>12FDB | <br>12FEB |                                                                                             |
| C | <br>12F9C | <br>12FAC | <br>12FBC | <br>12FCC | <br>12FDC | <br>12FEC |                                                                                             |
| D | <br>12F9D | <br>12FAD | <br>12FBD | <br>12FCD | <br>12FDD | <br>12FED |                                                                                             |
| E | <br>12F9E | <br>12FAE | <br>12FBE | <br>12FCE | <br>12FDE | <br>12FEE |                                                                                             |
| F | <br>12F9F | <br>12FAF | <br>12FBF | <br>12FCF | <br>12FDF | <br>12FEF |                                                                                             |

## Signs

|       |   |                          |
|-------|---|--------------------------|
| 12F90 | 𐀀 | CYPRO-MINOAN SIGN CM001  |
| 12F91 | 𐀁 | CYPRO-MINOAN SIGN CM002  |
| 12F92 | 𐀂 | CYPRO-MINOAN SIGN CM004  |
| 12F93 | 𐀃 | CYPRO-MINOAN SIGN CM005  |
| 12F94 | 𐀄 | CYPRO-MINOAN SIGN CM006  |
| 12F95 | 𐀅 | CYPRO-MINOAN SIGN CM007  |
| 12F96 | 𐀆 | CYPRO-MINOAN SIGN CM008  |
| 12F97 | 𐀇 | CYPRO-MINOAN SIGN CM009  |
| 12F98 | 𐀈 | CYPRO-MINOAN SIGN CM010  |
| 12F99 | 𐀉 | CYPRO-MINOAN SIGN CM011  |
| 12F9A | 𐀊 | CYPRO-MINOAN SIGN CM012  |
| 12F9B | 𐀋 | CYPRO-MINOAN SIGN CM012B |
| 12F9C | 𐀌 | CYPRO-MINOAN SIGN CM013  |
| 12F9D | 𐀍 | CYPRO-MINOAN SIGN CM015  |
| 12F9E | 𐀎 | CYPRO-MINOAN SIGN CM017  |
| 12F9F | 𐀏 | CYPRO-MINOAN SIGN CM019  |
| 12FA0 | 𐀐 | CYPRO-MINOAN SIGN CM021  |
| 12FA1 | 𐀑 | CYPRO-MINOAN SIGN CM023  |
| 12FA2 | 𐀒 | CYPRO-MINOAN SIGN CM024  |
| 12FA3 | 𐀓 | CYPRO-MINOAN SIGN CM025  |
| 12FA4 | 𐀔 | CYPRO-MINOAN SIGN CM026  |
| 12FA5 | 𐀕 | CYPRO-MINOAN SIGN CM027  |
| 12FA6 | 𐀖 | CYPRO-MINOAN SIGN CM028  |
| 12FA7 | 𐀗 | CYPRO-MINOAN SIGN CM029  |
| 12FA8 | 𐀘 | CYPRO-MINOAN SIGN CM030  |
| 12FA9 | 𐀙 | CYPRO-MINOAN SIGN CM033  |
| 12FAA | 𐀚 | CYPRO-MINOAN SIGN CM034  |
| 12FAB | 𐀛 | CYPRO-MINOAN SIGN CM035  |
| 12FAC | 𐀜 | CYPRO-MINOAN SIGN CM036  |
| 12FAD | 𐀝 | CYPRO-MINOAN SIGN CM037  |
| 12FAE | 𐀞 | CYPRO-MINOAN SIGN CM038  |
| 12FAF | 𐀟 | CYPRO-MINOAN SIGN CM039  |
| 12FB0 | 𐀠 | CYPRO-MINOAN SIGN CM040  |
| 12FB1 | 𐀡 | CYPRO-MINOAN SIGN CM041  |
| 12FB2 | 𐀢 | CYPRO-MINOAN SIGN CM044  |
| 12FB3 | 𐀣 | CYPRO-MINOAN SIGN CM046  |
| 12FB4 | 𐀤 | CYPRO-MINOAN SIGN CM047  |
| 12FB5 | 𐀥 | CYPRO-MINOAN SIGN CM049  |
| 12FB6 | 𐀦 | CYPRO-MINOAN SIGN CM050  |
| 12FB7 | 𐀧 | CYPRO-MINOAN SIGN CM051  |
| 12FB8 | 𐀨 | CYPRO-MINOAN SIGN CM052  |
| 12FB9 | 𐀩 | CYPRO-MINOAN SIGN CM053  |
| 12FBA | 𐀪 | CYPRO-MINOAN SIGN CM054  |
| 12FBB | 𐀫 | CYPRO-MINOAN SIGN CM055  |
| 12FBC | 𐀬 | CYPRO-MINOAN SIGN CM056  |
| 12FBD | 𐀭 | CYPRO-MINOAN SIGN CM058  |
| 12FBE | 𐀮 | CYPRO-MINOAN SIGN CM059  |
| 12FBF | 𐀯 | CYPRO-MINOAN SIGN CM060  |
| 12FC0 | 𐀰 | CYPRO-MINOAN SIGN CM061  |
| 12FC1 | 𐀱 | CYPRO-MINOAN SIGN CM062  |
| 12FC2 | 𐀲 | CYPRO-MINOAN SIGN CM063  |
| 12FC3 | 𐀳 | CYPRO-MINOAN SIGN CM064  |
| 12FC4 | 𐀴 | CYPRO-MINOAN SIGN CM066  |
| 12FC5 | 𐀵 | CYPRO-MINOAN SIGN CM067  |
| 12FC6 | 𐀶 | CYPRO-MINOAN SIGN CM068  |
| 12FC7 | 𐀷 | CYPRO-MINOAN SIGN CM069  |
| 12FC8 | 𐀸 | CYPRO-MINOAN SIGN CM070  |
| 12FC9 | 𐀹 | CYPRO-MINOAN SIGN CM071  |
| 12FCA | 𐀺 | CYPRO-MINOAN SIGN CM072  |
| 12FCB | 𐀻 | CYPRO-MINOAN SIGN CM073  |

|       |   |                          |
|-------|---|--------------------------|
| 12FCC | 𐀼 | CYPRO-MINOAN SIGN CM074  |
| 12FCD | 𐀽 | CYPRO-MINOAN SIGN CM075  |
| 12FCE | 𐀾 | CYPRO-MINOAN SIGN CM075B |
| 12FCF | 𐀿 | CYPRO-MINOAN SIGN CM076  |
| 12FD0 | 𐁀 | CYPRO-MINOAN SIGN CM078  |
| 12FD1 | 𐁁 | CYPRO-MINOAN SIGN CM079  |
| 12FD2 | 𐁂 | CYPRO-MINOAN SIGN CM080  |
| 12FD3 | 𐁃 | CYPRO-MINOAN SIGN CM081  |
| 12FD4 | 𐁄 | CYPRO-MINOAN SIGN CM082  |
| 12FD5 | 𐁅 | CYPRO-MINOAN SIGN CM083  |
| 12FD6 | 𐁆 | CYPRO-MINOAN SIGN CM084  |
| 12FD7 | 𐁇 | CYPRO-MINOAN SIGN CM085  |
| 12FD8 | 𐁈 | CYPRO-MINOAN SIGN CM086  |
| 12FD9 | 𐁉 | CYPRO-MINOAN SIGN CM087  |
| 12FDA | 𐁊 | CYPRO-MINOAN SIGN CM088  |
| 12FDB | 𐁋 | CYPRO-MINOAN SIGN CM089  |
| 12FDC | 𐁌 | CYPRO-MINOAN SIGN CM090  |
| 12FDD | 𐁍 | CYPRO-MINOAN SIGN CM091  |
| 12FDE | 𐁎 | CYPRO-MINOAN SIGN CM092  |
| 12FDF | 𐁏 | CYPRO-MINOAN SIGN CM094  |
| 12FE0 | 𐁐 | CYPRO-MINOAN SIGN CM095  |
| 12FE1 | 𐁑 | CYPRO-MINOAN SIGN CM096  |
| 12FE2 | 𐁒 | CYPRO-MINOAN SIGN CM097  |
| 12FE3 | 𐁓 | CYPRO-MINOAN SIGN CM098  |
| 12FE4 | 𐁔 | CYPRO-MINOAN SIGN CM099  |
| 12FE5 | 𐁕 | CYPRO-MINOAN SIGN CM100  |
| 12FE6 | 𐁖 | CYPRO-MINOAN SIGN CM101  |
| 12FE7 | 𐁗 | CYPRO-MINOAN SIGN CM102  |
| 12FE8 | 𐁘 | CYPRO-MINOAN SIGN CM103  |
| 12FE9 | 𐁙 | CYPRO-MINOAN SIGN CM104  |
| 12FEA | 𐁚 | CYPRO-MINOAN SIGN CM105  |
| 12FEB | 𐁛 | CYPRO-MINOAN SIGN CM107  |
| 12FEC | 𐁜 | CYPRO-MINOAN SIGN CM108  |
| 12FED | 𐁝 | CYPRO-MINOAN SIGN CM109  |
| 12FEE | 𐁞 | CYPRO-MINOAN SIGN CM110  |
| 12FEF | 𐁟 | CYPRO-MINOAN SIGN CM112  |
| 12FF0 | 𐁠 | CYPRO-MINOAN SIGN CM114  |

## Punctuation

|       |   |                         |
|-------|---|-------------------------|
| 12FF1 | 𐁡 | CYPRO-MINOAN SIGN CM301 |
| 12FF2 | 𐁢 | CYPRO-MINOAN SIGN CM302 |

|   | 1300                                                                                         | 1301                                                                                         | 1302                                                                                         | 1303                                                                                         | 1304                                                                                         | 1305                                                                                         | 1306                                                                                         | 1307                                                                                         | 1308                                                                                         | 1309                                                                                         | 130A                                                                                          | 130B                                                                                           | 130C                                                                                           | 130D                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>13000   | <br>13010   | <br>13020   | <br>13030   | <br>13040   | <br>13050   | <br>13060   | <br>13070   | <br>13080   | <br>13090   | <br>130A0   | <br>130B0   | <br>130C0   | <br>130D0   |
| 1 | <br>13001   | <br>13011   | <br>13021   | <br>13031   | <br>13041   | <br>13051   | <br>13061   | <br>13071   | <br>13081   | <br>13091   | <br>130A1   | <br>130B1   | <br>130C1   | <br>130D1   |
| 2 | <br>13002   | <br>13012   | <br>13022   | <br>13032   | <br>13042   | <br>13052   | <br>13062   | <br>13072   | <br>13082   | <br>13092   | <br>130A2   | <br>130B2   | <br>130C2   | <br>130D2   |
| 3 | <br>13003   | <br>13013   | <br>13023   | <br>13033   | <br>13043   | <br>13053   | <br>13063   | <br>13073   | <br>13083   | <br>13093   | <br>130A3   | <br>130B3   | <br>130C3   | <br>130D3   |
| 4 | <br>13004   | <br>13014   | <br>13024   | <br>13034   | <br>13044   | <br>13054   | <br>13064   | <br>13074   | <br>13084   | <br>13094   | <br>130A4   | <br>130B4   | <br>130C4   | <br>130D4   |
| 5 | <br>13005   | <br>13015   | <br>13025   | <br>13035   | <br>13045   | <br>13055   | <br>13065   | <br>13075   | <br>13085   | <br>13095   | <br>130A5   | <br>130B5   | <br>130C5   | <br>130D5   |
| 6 | <br>13006  | <br>13016  | <br>13026  | <br>13036  | <br>13046  | <br>13056  | <br>13066  | <br>13076  | <br>13086  | <br>13096  | <br>130A6  | <br>130B6  | <br>130C6  | <br>130D6  |
| 7 | <br>13007 | <br>13017 | <br>13027 | <br>13037 | <br>13047 | <br>13057 | <br>13067 | <br>13077 | <br>13087 | <br>13097 | <br>130A7 | <br>130B7 | <br>130C7 | <br>130D7 |
| 8 | <br>13008 | <br>13018 | <br>13028 | <br>13038 | <br>13048 | <br>13058 | <br>13068 | <br>13078 | <br>13088 | <br>13098 | <br>130A8 | <br>130B8 | <br>130C8 | <br>130D8 |
| 9 | <br>13009 | <br>13019 | <br>13029 | <br>13039 | <br>13049 | <br>13059 | <br>13069 | <br>13079 | <br>13089 | <br>13099 | <br>130A9 | <br>130B9 | <br>130C9 | <br>130D9 |
| A | <br>1300A | <br>1301A | <br>1302A | <br>1303A | <br>1304A | <br>1305A | <br>1306A | <br>1307A | <br>1308A | <br>1309A | <br>130AA | <br>130BA | <br>130CA | <br>130DA |
| B | <br>1300B | <br>1301B | <br>1302B | <br>1303B | <br>1304B | <br>1305B | <br>1306B | <br>1307B | <br>1308B | <br>1309B | <br>130AB | <br>130BB | <br>130CB | <br>130DB |
| C | <br>1300C | <br>1301C | <br>1302C | <br>1303C | <br>1304C | <br>1305C | <br>1306C | <br>1307C | <br>1308C | <br>1309C | <br>130AC | <br>130BC | <br>130CC | <br>130DC |
| D | <br>1300D | <br>1301D | <br>1302D | <br>1303D | <br>1304D | <br>1305D | <br>1306D | <br>1307D | <br>1308D | <br>1309D | <br>130AD | <br>130BD | <br>130CD | <br>130DD |
| E | <br>1300E | <br>1301E | <br>1302E | <br>1303E | <br>1304E | <br>1305E | <br>1306E | <br>1307E | <br>1308E | <br>1309E | <br>130AE | <br>130BE | <br>130CE | <br>130DE |
| F | <br>1300F | <br>1301F | <br>1302F | <br>1303F | <br>1304F | <br>1305F | <br>1306F | <br>1307F | <br>1308F | <br>1309F | <br>130AF | <br>130BF | <br>130CF |                                                                                                |

|   | 130E                                                                                         | 130F                                                                                         | 1310                                                                                         | 1311                                                                                         | 1312                                                                                         | 1313                                                                                         | 1314                                                                                         | 1315                                                                                         | 1316                                                                                         | 1317                                                                                          | 1318                                                                                           | 1319                                                                                           | 131A                                                                                           | 131B                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>130E0   | <br>130F0   | <br>13100   | <br>13110   | <br>13120   | <br>13130   | <br>13140   | <br>13150   | <br>13160   | <br>13170   | <br>13180   | <br>13190   | <br>131A0   | <br>131B0   |
| 1 | <br>130E1   | <br>130F1   | <br>13101   | <br>13111   | <br>13121   | <br>13131   | <br>13141   | <br>13151   | <br>13161   | <br>13171   | <br>13181   | <br>13191   | <br>131A1   | <br>131B1   |
| 2 | <br>130E2   | <br>130F2   | <br>13102   | <br>13112   | <br>13122   | <br>13132   | <br>13142   | <br>13152   | <br>13162   | <br>13172   | <br>13182   | <br>13192   | <br>131A2   | <br>131B2   |
| 3 | <br>130E3   | <br>130F3   | <br>13103   | <br>13113   | <br>13123   | <br>13133   | <br>13143   | <br>13153   | <br>13163   | <br>13173   | <br>13183   | <br>13193   | <br>131A3   | <br>131B3   |
| 4 | <br>130E4   | <br>130F4   | <br>13104   | <br>13114   | <br>13124   | <br>13134   | <br>13144   | <br>13154   | <br>13164   | <br>13174   | <br>13184   | <br>13194   | <br>131A4   | <br>131B4   |
| 5 | <br>130E5   | <br>130F5   | <br>13105   | <br>13115   | <br>13125   | <br>13135   | <br>13145   | <br>13155   | <br>13165   | <br>13175   | <br>13185   | <br>13195   | <br>131A5   | <br>131B5   |
| 6 | <br>130E6  | <br>130F6  | <br>13106  | <br>13116  | <br>13126  | <br>13136  | <br>13146  | <br>13156  | <br>13166  | <br>13176  | <br>13186  | <br>13196  | <br>131A6  | <br>131B6  |
| 7 | <br>130E7 | <br>130F7 | <br>13107 | <br>13117 | <br>13127 | <br>13137 | <br>13147 | <br>13157 | <br>13167 | <br>13177 | <br>13187 | <br>13197 | <br>131A7 | <br>131B7 |
| 8 | <br>130E8 | <br>130F8 | <br>13108 | <br>13118 | <br>13128 | <br>13138 | <br>13148 | <br>13158 | <br>13168 | <br>13178 | <br>13188 | <br>13198 | <br>131A8 | <br>131B8 |
| 9 | <br>130E9 | <br>130F9 | <br>13109 | <br>13119 | <br>13129 | <br>13139 | <br>13149 | <br>13159 | <br>13169 | <br>13179 | <br>13189 | <br>13199 | <br>131A9 | <br>131B9 |
| A | <br>130EA | <br>130FA | <br>1310A | <br>1311A | <br>1312A | <br>1313A | <br>1314A | <br>1315A | <br>1316A | <br>1317A | <br>1318A | <br>1319A | <br>131AA | <br>131BA |
| B | <br>130EB | <br>130FB | <br>1310B | <br>1311B | <br>1312B | <br>1313B | <br>1314B | <br>1315B | <br>1316B | <br>1317B | <br>1318B | <br>1319B | <br>131AB | <br>131BB |
| C | <br>130EC | <br>130FC | <br>1310C | <br>1311C | <br>1312C | <br>1313C | <br>1314C | <br>1315C | <br>1316C | <br>1317C | <br>1318C | <br>1319C | <br>131AC | <br>131BC |
| D | <br>130ED | <br>130FD | <br>1310D | <br>1311D | <br>1312D | <br>1313D | <br>1314D | <br>1315D | <br>1316D | <br>1317D | <br>1318D | <br>1319D | <br>131AD | <br>131BD |
| E | <br>130EE | <br>130FE | <br>1310E | <br>1311E | <br>1312E | <br>1313E | <br>1314E | <br>1315E | <br>1316E | <br>1317E | <br>1318E | <br>1319E | <br>131AE | <br>131BE |
| F | <br>130EF | <br>130FF | <br>1310F | <br>1311F | <br>1312F | <br>1313F | <br>1314F | <br>1315F | <br>1316F | <br>1317F | <br>1318F | <br>1319F | <br>131AF | <br>131BF |

|   | 131C                                                                                         | 131D                                                                                         | 131E                                                                                         | 131F                                                                                         | 1320                                                                                         | 1321                                                                                         | 1322                                                                                         | 1323                                                                                         | 1324                                                                                          | 1325                                                                                           | 1326                                                                                           | 1327                                                                                           | 1328                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>131C0   | <br>131D0   | <br>131E0   | <br>131F0   | <br>13200   | <br>13210   | <br>13220   | <br>13230   | <br>13240   | <br>13250   | <br>13260   | <br>13270   | <br>13280   |
| 1 | <br>131C1   | <br>131D1   | <br>131E1   | <br>131F1   | <br>13201   | <br>13211   | <br>13221   | <br>13231   | <br>13241   | <br>13251   | <br>13261   | <br>13271   | <br>13281   |
| 2 | <br>131C2   | <br>131D2   | <br>131E2   | <br>131F2   | <br>13202   | <br>13212   | <br>13222   | <br>13232   | <br>13242   | <br>13252   | <br>13262   | <br>13272   | <br>13282   |
| 3 | <br>131C3   | <br>131D3   | <br>131E3   | <br>131F3   | <br>13203   | <br>13213   | <br>13223   | <br>13233   | <br>13243   | <br>13253   | <br>13263   | <br>13273   | <br>13283   |
| 4 | <br>131C4   | <br>131D4   | <br>131E4   | <br>131F4   | <br>13204   | <br>13214   | <br>13224   | <br>13234   | <br>13244   | <br>13254   | <br>13264   | <br>13274   | <br>13284   |
| 5 | <br>131C5   | <br>131D5   | <br>131E5   | <br>131F5   | <br>13205   | <br>13215   | <br>13225   | <br>13235   | <br>13245   | <br>13255   | <br>13265   | <br>13275   | <br>13285   |
| 6 | <br>131C6   | <br>131D6   | <br>131E6   | <br>131F6   | <br>13206   | <br>13216   | <br>13226   | <br>13236   | <br>13246   | <br>13256   | <br>13266   | <br>13276   | <br>13286   |
| 7 | <br>131C7  | <br>131D7  | <br>131E7  | <br>131F7  | <br>13207  | <br>13217  | <br>13227  | <br>13237  | <br>13247  | <br>13257  | <br>13267  | <br>13277  | <br>13287  |
| 8 | <br>131C8 | <br>131D8 | <br>131E8 | <br>131F8 | <br>13208 | <br>13218 | <br>13228 | <br>13238 | <br>13248 | <br>13258 | <br>13268 | <br>13278 | <br>13288 |
| 9 | <br>131C9 | <br>131D9 | <br>131E9 | <br>131F9 | <br>13209 | <br>13219 | <br>13229 | <br>13239 | <br>13249 | <br>13259 | <br>13269 | <br>13279 | <br>13289 |
| A | <br>131CA | <br>131DA | <br>131EA | <br>131FA | <br>1320A | <br>1321A | <br>1322A | <br>1323A | <br>1324A | <br>1325A | <br>1326A | <br>1327A | <br>1328A |
| B | <br>131CB | <br>131DB | <br>131EB | <br>131FB | <br>1320B | <br>1321B | <br>1322B | <br>1323B | <br>1324B | <br>1325B | <br>1326B | <br>1327B | <br>1328B |
| C | <br>131CC | <br>131DC | <br>131EC | <br>131FC | <br>1320C | <br>1321C | <br>1322C | <br>1323C | <br>1324C | <br>1325C | <br>1326C | <br>1327C | <br>1328C |
| D | <br>131CD | <br>131DD | <br>131ED | <br>131FD | <br>1320D | <br>1321D | <br>1322D | <br>1323D | <br>1324D | <br>1325D | <br>1326D | <br>1327D | <br>1328D |
| E | <br>131CE | <br>131DE | <br>131EE | <br>131FE | <br>1320E | <br>1321E | <br>1322E | <br>1323E | <br>1324E | <br>1325E | <br>1326E | <br>1327E | <br>1328E |
| F | <br>131CF | <br>131DF | <br>131EF | <br>131FF | <br>1320F | <br>1321F | <br>1322F | <br>1323F | <br>1324F | <br>1325F | <br>1326F | <br>1327F | <br>1328F |



|   | 1329                                                                                         | 132A                                                                                         | 132B                                                                                         | 132C                                                                                         | 132D                                                                                         | 132E                                                                                         | 132F                                                                                         | 1330                                                                                         | 1331                                                                                          | 1332                                                                                           | 1333                                                                                           | 1334                                                                                           | 1335                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>13290   | <br>132A0   | <br>132B0   | <br>132C0   | <br>132D0   | <br>132E0   | <br>132F0   | <br>13300   | <br>13310   | <br>13320   | <br>13330   | <br>13340   | <br>13350   |
| 1 | <br>13291   | <br>132A1   | <br>132B1   | <br>132C1   | <br>132D1   | <br>132E1   | <br>132F1   | <br>13301   | <br>13311   | <br>13321   | <br>13331   | <br>13341   | <br>13351   |
| 2 | <br>13292   | <br>132A2   | <br>132B2   | <br>132C2   | <br>132D2   | <br>132E2   | <br>132F2   | <br>13302   | <br>13312   | <br>13322   | <br>13332   | <br>13342   | <br>13352   |
| 3 | <br>13293   | <br>132A3   | <br>132B3   | <br>132C3   | <br>132D3   | <br>132E3   | <br>132F3   | <br>13303   | <br>13313   | <br>13323   | <br>13333   | <br>13343   | <br>13353   |
| 4 | <br>13294   | <br>132A4   | <br>132B4   | <br>132C4   | <br>132D4   | <br>132E4   | <br>132F4   | <br>13304   | <br>13314   | <br>13324   | <br>13334   | <br>13344   | <br>13354   |
| 5 | <br>13295   | <br>132A5   | <br>132B5   | <br>132C5   | <br>132D5   | <br>132E5   | <br>132F5   | <br>13305   | <br>13315   | <br>13325   | <br>13335   | <br>13345   | <br>13355   |
| 6 | <br>13296   | <br>132A6   | <br>132B6   | <br>132C6   | <br>132D6   | <br>132E6   | <br>132F6   | <br>13306   | <br>13316   | <br>13326   | <br>13336   | <br>13346   | <br>13356   |
| 7 | <br>13297  | <br>132A7  | <br>132B7  | <br>132C7  | <br>132D7  | <br>132E7  | <br>132F7  | <br>13307  | <br>13317  | <br>13327  | <br>13337  | <br>13347  | <br>13357  |
| 8 | <br>13298 | <br>132A8 | <br>132B8 | <br>132C8 | <br>132D8 | <br>132E8 | <br>132F8 | <br>13308 | <br>13318 | <br>13328 | <br>13338 | <br>13348 | <br>13358 |
| 9 | <br>13299 | <br>132A9 | <br>132B9 | <br>132C9 | <br>132D9 | <br>132E9 | <br>132F9 | <br>13309 | <br>13319 | <br>13329 | <br>13339 | <br>13349 | <br>13359 |
| A | <br>1329A | <br>132AA | <br>132BA | <br>132CA | <br>132DA | <br>132EA | <br>132FA | <br>1330A | <br>1331A | <br>1332A | <br>1333A | <br>1334A | <br>1335A |
| B | <br>1329B | <br>132AB | <br>132BB | <br>132CB | <br>132DB | <br>132EB | <br>132FB | <br>1330B | <br>1331B | <br>1332B | <br>1333B | <br>1334B | <br>1335B |
| C | <br>1329C | <br>132AC | <br>132BC | <br>132CC | <br>132DC | <br>132EC | <br>132FC | <br>1330C | <br>1331C | <br>1332C | <br>1333C | <br>1334C | <br>1335C |
| D | <br>1329D | <br>132AD | <br>132BD | <br>132CD | <br>132DD | <br>132ED | <br>132FD | <br>1330D | <br>1331D | <br>1332D | <br>1333D | <br>1334D | <br>1335D |
| E | <br>1329E |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                               |                                                                                                |                                                                                                |                                                                                                |                                                                                                |



|   | 1336                                                                                         | 1337                                                                                         | 1338                                                                                         | 1339                                                                                         | 133A                                                                                         | 133B                                                                                         | 133C                                                                                         | 133D                                                                                         | 133E                                                                                         | 133F                                                                                          | 1340                                                                                           | 1341                                                                                           | 1342                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>13360   | <br>13370   | <br>13380   | <br>13390   | <br>133A0   | <br>133B0   | <br>133C0   | <br>133D0   | <br>133E0   | <br>133F0   | <br>13400   | <br>13410   | <br>13420   |
| 1 | <br>13361   | <br>13371   | <br>13381   | <br>13391   | <br>133A1   | <br>133B1   | <br>133C1   | <br>133D1   | <br>133E1   | <br>133F1   | <br>13401   | <br>13411   | <br>13421   |
| 2 | <br>13362   | <br>13372   | <br>13382   | <br>13392   | <br>133A2   | <br>133B2   | <br>133C2   | <br>133D2   | <br>133E2   | <br>133F2   | <br>13402   | <br>13412   | <br>13422   |
| 3 | <br>13363   | <br>13373   | <br>13383   | <br>13393   | <br>133A3   | <br>133B3   | <br>133C3   | <br>133D3   | <br>133E3   | <br>133F3   | <br>13403   | <br>13413   | <br>13423   |
| 4 | <br>13364   | <br>13374   | <br>13384   | <br>13394   | <br>133A4   | <br>133B4   | <br>133C4   | <br>133D4   | <br>133E4   | <br>133F4   | <br>13404   | <br>13414   | <br>13424   |
| 5 | <br>13365   | <br>13375   | <br>13385   | <br>13395   | <br>133A5   | <br>133B5   | <br>133C5   | <br>133D5   | <br>133E5   | <br>133F5   | <br>13405   | <br>13415   | <br>13425   |
| 6 | <br>13366   | <br>13376   | <br>13386   | <br>13396   | <br>133A6   | <br>133B6   | <br>133C6   | <br>133D6   | <br>133E6   | <br>133F6   | <br>13406   | <br>13416   | <br>13426   |
| 7 | <br>13367 | <br>13377 | <br>13387 | <br>13397 | <br>133A7 | <br>133B7 | <br>133C7 | <br>133D7 | <br>133E7 | <br>133F7 | <br>13407 | <br>13417 | <br>13427 |
| 8 | <br>13368 | <br>13378 | <br>13388 | <br>13398 | <br>133A8 | <br>133B8 | <br>133C8 | <br>133D8 | <br>133E8 | <br>133F8 | <br>13408 | <br>13418 | <br>13428 |
| 9 | <br>13369 | <br>13379 | <br>13389 | <br>13399 | <br>133A9 | <br>133B9 | <br>133C9 | <br>133D9 | <br>133E9 | <br>133F9 | <br>13409 | <br>13419 | <br>13429 |
| A | <br>1336A | <br>1337A | <br>1338A | <br>1339A | <br>133AA | <br>133BA | <br>133CA | <br>133DA | <br>133EA | <br>133FA | <br>1340A | <br>1341A | <br>1342A |
| B | <br>1336B | <br>1337B | <br>1338B | <br>1339B | <br>133AB | <br>133BB | <br>133CB | <br>133DB | <br>133EB | <br>133FB | <br>1340B | <br>1341B | <br>1342B |
| C | <br>1336C | <br>1337C | <br>1338C | <br>1339C | <br>133AC | <br>133BC | <br>133CC | <br>133DC | <br>133EC | <br>133FC | <br>1340C | <br>1341C | <br>1342C |
| D | <br>1336D | <br>1337D | <br>1338D | <br>1339D | <br>133AD | <br>133BD | <br>133CD | <br>133DD | <br>133ED | <br>133FD | <br>1340D | <br>1341D | <br>1342D |
| E | <br>1336E | <br>1337E | <br>1338E | <br>1339E | <br>133AE | <br>133BE | <br>133CE | <br>133DE | <br>133EE | <br>133FE | <br>1340E | <br>1341E | <br>1342E |
| F | <br>1336F | <br>1337F | <br>1338F | <br>1339F | <br>133AF | <br>133BF | <br>133CF | <br>133DF | <br>133EF | <br>133FF | <br>1340F | <br>1341F | <br>1342F |

The characters in this block are taken primarily from Alan Gardiner's works on Middle Egyptian.

#### A. Man and his occupations

|       |  |                           |
|-------|--|---------------------------|
| 13000 |  | EGYPTIAN HIEROGLYPH A001  |
| 13001 |  | EGYPTIAN HIEROGLYPH A002  |
| 13002 |  | EGYPTIAN HIEROGLYPH A003  |
| 13003 |  | EGYPTIAN HIEROGLYPH A004  |
| 13004 |  | EGYPTIAN HIEROGLYPH A005  |
| 13005 |  | EGYPTIAN HIEROGLYPH A005A |
| 13006 |  | EGYPTIAN HIEROGLYPH A006  |
| 13007 |  | EGYPTIAN HIEROGLYPH A006A |
| 13008 |  | EGYPTIAN HIEROGLYPH A006B |
| 13009 |  | EGYPTIAN HIEROGLYPH A007  |
| 1300A |  | EGYPTIAN HIEROGLYPH A008  |
| 1300B |  | EGYPTIAN HIEROGLYPH A009  |
| 1300C |  | EGYPTIAN HIEROGLYPH A010  |
| 1300D |  | EGYPTIAN HIEROGLYPH A011  |
| 1300E |  | EGYPTIAN HIEROGLYPH A012  |
| 1300F |  | EGYPTIAN HIEROGLYPH A013  |
| 13010 |  | EGYPTIAN HIEROGLYPH A014  |
| 13011 |  | EGYPTIAN HIEROGLYPH A014A |
| 13012 |  | EGYPTIAN HIEROGLYPH A015  |
| 13013 |  | EGYPTIAN HIEROGLYPH A016  |
| 13014 |  | EGYPTIAN HIEROGLYPH A017  |
| 13015 |  | EGYPTIAN HIEROGLYPH A017A |
| 13016 |  | EGYPTIAN HIEROGLYPH A018  |
| 13017 |  | EGYPTIAN HIEROGLYPH A019  |
| 13018 |  | EGYPTIAN HIEROGLYPH A020  |
| 13019 |  | EGYPTIAN HIEROGLYPH A021  |
| 1301A |  | EGYPTIAN HIEROGLYPH A022  |
| 1301B |  | EGYPTIAN HIEROGLYPH A023  |
| 1301C |  | EGYPTIAN HIEROGLYPH A024  |
| 1301D |  | EGYPTIAN HIEROGLYPH A025  |
| 1301E |  | EGYPTIAN HIEROGLYPH A026  |
| 1301F |  | EGYPTIAN HIEROGLYPH A027  |
| 13020 |  | EGYPTIAN HIEROGLYPH A028  |
| 13021 |  | EGYPTIAN HIEROGLYPH A029  |
| 13022 |  | EGYPTIAN HIEROGLYPH A030  |
| 13023 |  | EGYPTIAN HIEROGLYPH A031  |
| 13024 |  | EGYPTIAN HIEROGLYPH A032  |
| 13025 |  | EGYPTIAN HIEROGLYPH A032A |
| 13026 |  | EGYPTIAN HIEROGLYPH A033  |
| 13027 |  | EGYPTIAN HIEROGLYPH A034  |
| 13028 |  | EGYPTIAN HIEROGLYPH A035  |
| 13029 |  | EGYPTIAN HIEROGLYPH A036  |
| 1302A |  | EGYPTIAN HIEROGLYPH A037  |
| 1302B |  | EGYPTIAN HIEROGLYPH A038  |
| 1302C |  | EGYPTIAN HIEROGLYPH A039  |
| 1302D |  | EGYPTIAN HIEROGLYPH A040  |
| 1302E |  | EGYPTIAN HIEROGLYPH A040A |
| 1302F |  | EGYPTIAN HIEROGLYPH A041  |
| 13030 |  | EGYPTIAN HIEROGLYPH A042  |
| 13031 |  | EGYPTIAN HIEROGLYPH A042A |
| 13032 |  | EGYPTIAN HIEROGLYPH A043  |
| 13033 |  | EGYPTIAN HIEROGLYPH A043A |
| 13034 |  | EGYPTIAN HIEROGLYPH A044  |
| 13035 |  | EGYPTIAN HIEROGLYPH A045  |
| 13036 |  | EGYPTIAN HIEROGLYPH A045A |
| 13037 |  | EGYPTIAN HIEROGLYPH A046  |
| 13038 |  | EGYPTIAN HIEROGLYPH A047  |
| 13039 |  | EGYPTIAN HIEROGLYPH A048  |

|       |  |                          |
|-------|--|--------------------------|
| 1303A |  | EGYPTIAN HIEROGLYPH A049 |
| 1303B |  | EGYPTIAN HIEROGLYPH A050 |
| 1303C |  | EGYPTIAN HIEROGLYPH A051 |
| 1303D |  | EGYPTIAN HIEROGLYPH A052 |
| 1303E |  | EGYPTIAN HIEROGLYPH A053 |
| 1303F |  | EGYPTIAN HIEROGLYPH A054 |
| 13040 |  | EGYPTIAN HIEROGLYPH A055 |
| 13041 |  | EGYPTIAN HIEROGLYPH A056 |
| 13042 |  | EGYPTIAN HIEROGLYPH A057 |
| 13043 |  | EGYPTIAN HIEROGLYPH A058 |
| 13044 |  | EGYPTIAN HIEROGLYPH A059 |
| 13045 |  | EGYPTIAN HIEROGLYPH A060 |
| 13046 |  | EGYPTIAN HIEROGLYPH A061 |
| 13047 |  | EGYPTIAN HIEROGLYPH A062 |
| 13048 |  | EGYPTIAN HIEROGLYPH A063 |
| 13049 |  | EGYPTIAN HIEROGLYPH A064 |
| 1304A |  | EGYPTIAN HIEROGLYPH A065 |
| 1304B |  | EGYPTIAN HIEROGLYPH A066 |
| 1304C |  | EGYPTIAN HIEROGLYPH A067 |
| 1304D |  | EGYPTIAN HIEROGLYPH A068 |
| 1304E |  | EGYPTIAN HIEROGLYPH A069 |
| 1304F |  | EGYPTIAN HIEROGLYPH A070 |

#### B. Woman and her occupations

|       |  |                           |
|-------|--|---------------------------|
| 13050 |  | EGYPTIAN HIEROGLYPH B001  |
| 13051 |  | EGYPTIAN HIEROGLYPH B002  |
| 13052 |  | EGYPTIAN HIEROGLYPH B003  |
| 13053 |  | EGYPTIAN HIEROGLYPH B004  |
| 13054 |  | EGYPTIAN HIEROGLYPH B005  |
| 13055 |  | EGYPTIAN HIEROGLYPH B005A |
| 13056 |  | EGYPTIAN HIEROGLYPH B006  |
| 13057 |  | EGYPTIAN HIEROGLYPH B007  |
| 13058 |  | EGYPTIAN HIEROGLYPH B008  |
| 13059 |  | EGYPTIAN HIEROGLYPH B009  |

#### C. Anthropomorphic deities

|                             |  |                           |
|-----------------------------|--|---------------------------|
| 1305A                       |  | EGYPTIAN HIEROGLYPH C001  |
| 1305B                       |  | EGYPTIAN HIEROGLYPH C002  |
| 1305C                       |  | EGYPTIAN HIEROGLYPH C002A |
| 1305D                       |  | EGYPTIAN HIEROGLYPH C002B |
| • mirrored version of 1305C |  |                           |
| 1305E                       |  | EGYPTIAN HIEROGLYPH C002C |
| • mirrored version of 1305B |  |                           |
| 1305F                       |  | EGYPTIAN HIEROGLYPH C003  |
| 13060                       |  | EGYPTIAN HIEROGLYPH C004  |
| 13061                       |  | EGYPTIAN HIEROGLYPH C005  |
| 13062                       |  | EGYPTIAN HIEROGLYPH C006  |
| 13063                       |  | EGYPTIAN HIEROGLYPH C007  |
| 13064                       |  | EGYPTIAN HIEROGLYPH C008  |
| 13065                       |  | EGYPTIAN HIEROGLYPH C009  |
| 13066                       |  | EGYPTIAN HIEROGLYPH C010  |
| 13067                       |  | EGYPTIAN HIEROGLYPH C010A |
| 13068                       |  | EGYPTIAN HIEROGLYPH C011  |
| • 1,000,000                 |  |                           |
| 13069                       |  | EGYPTIAN HIEROGLYPH C012  |
| 1306A                       |  | EGYPTIAN HIEROGLYPH C013  |
| • mirrored version of 13069 |  |                           |
| 1306B                       |  | EGYPTIAN HIEROGLYPH C014  |
| 1306C                       |  | EGYPTIAN HIEROGLYPH C015  |
| • mirrored version of 1306B |  |                           |
| 1306D                       |  | EGYPTIAN HIEROGLYPH C016  |
| 1306E                       |  | EGYPTIAN HIEROGLYPH C017  |
| 1306F                       |  | EGYPTIAN HIEROGLYPH C018  |

|       |  |                          |
|-------|--|--------------------------|
| 13070 |  | EGYPTIAN HIEROGLYPH C019 |
| 13071 |  | EGYPTIAN HIEROGLYPH C020 |
| 13072 |  | EGYPTIAN HIEROGLYPH C021 |
| 13073 |  | EGYPTIAN HIEROGLYPH C022 |
| 13074 |  | EGYPTIAN HIEROGLYPH C023 |
| 13075 |  | EGYPTIAN HIEROGLYPH C024 |

**D. Parts of the human body**

|       |  |                                           |
|-------|--|-------------------------------------------|
| 13076 |  | EGYPTIAN HIEROGLYPH D001                  |
| 13077 |  | EGYPTIAN HIEROGLYPH D002                  |
| 13078 |  | EGYPTIAN HIEROGLYPH D003                  |
| 13079 |  | EGYPTIAN HIEROGLYPH D004                  |
| 1307A |  | EGYPTIAN HIEROGLYPH D005                  |
| 1307B |  | EGYPTIAN HIEROGLYPH D006                  |
| 1307C |  | EGYPTIAN HIEROGLYPH D007                  |
| 1307D |  | EGYPTIAN HIEROGLYPH D008                  |
| 1307E |  | EGYPTIAN HIEROGLYPH D008A                 |
| 1307F |  | EGYPTIAN HIEROGLYPH D009                  |
| 13080 |  | EGYPTIAN HIEROGLYPH D010                  |
| 13081 |  | EGYPTIAN HIEROGLYPH D011                  |
|       |  | • 1/2                                     |
| 13082 |  | EGYPTIAN HIEROGLYPH D012                  |
|       |  | • pupil of the eye                        |
|       |  | • not to be confused with 131F3  or 133F8 |
|       |  | • 1/4                                     |
| 13083 |  | EGYPTIAN HIEROGLYPH D013                  |
|       |  | • 1/8                                     |
| 13084 |  | EGYPTIAN HIEROGLYPH D014                  |
|       |  | • 1/16                                    |
| 13085 |  | EGYPTIAN HIEROGLYPH D015                  |
|       |  | • 1/32                                    |
| 13086 |  | EGYPTIAN HIEROGLYPH D016                  |
|       |  | • 1/64                                    |
| 13087 |  | EGYPTIAN HIEROGLYPH D017                  |
| 13088 |  | EGYPTIAN HIEROGLYPH D018                  |
| 13089 |  | EGYPTIAN HIEROGLYPH D019                  |
| 1308A |  | EGYPTIAN HIEROGLYPH D020                  |
| 1308B |  | EGYPTIAN HIEROGLYPH D021                  |
|       |  | • mouth                                   |
|       |  | • not to be confused with 133AB           |
|       |  | • transliterated as r                     |
| 1308C |  | EGYPTIAN HIEROGLYPH D022                  |
| 1308D |  | EGYPTIAN HIEROGLYPH D023                  |
| 1308E |  | EGYPTIAN HIEROGLYPH D024                  |
| 1308F |  | EGYPTIAN HIEROGLYPH D025                  |
| 13090 |  | EGYPTIAN HIEROGLYPH D026                  |
| 13091 |  | EGYPTIAN HIEROGLYPH D027                  |
|       |  | ~ 13091 FE00 rotated 90 degrees           |
| 13092 |  | EGYPTIAN HIEROGLYPH D027A                 |
|       |  | ~ 13092 FE00 rotated 90 degrees           |
| 13093 |  | EGYPTIAN HIEROGLYPH D028                  |
|       |  | ~ 13093 FE01 rotated 180 degrees          |
| 13094 |  | EGYPTIAN HIEROGLYPH D029                  |
| 13095 |  | EGYPTIAN HIEROGLYPH D030                  |
| 13096 |  | EGYPTIAN HIEROGLYPH D031                  |
| 13097 |  | EGYPTIAN HIEROGLYPH D031A                 |
| 13098 |  | EGYPTIAN HIEROGLYPH D032                  |
| 13099 |  | EGYPTIAN HIEROGLYPH D033                  |
| 1309A |  | EGYPTIAN HIEROGLYPH D034                  |
| 1309B |  | EGYPTIAN HIEROGLYPH D034A                 |
| 1309C |  | EGYPTIAN HIEROGLYPH D035                  |

|       |  |                                                  |
|-------|--|--------------------------------------------------|
| 1309D |  | EGYPTIAN HIEROGLYPH D036                         |
|       |  | • transliterated as A725 𐤀                       |
|       |  | → 05E2 𐤀 hebrew letter ayin                      |
|       |  | → 0639 𐤀 arabic letter ain                       |
| 1309E |  | EGYPTIAN HIEROGLYPH D037                         |
| 1309F |  | EGYPTIAN HIEROGLYPH D038                         |
| 130A0 |  | EGYPTIAN HIEROGLYPH D039                         |
| 130A1 |  | EGYPTIAN HIEROGLYPH D040                         |
| 130A2 |  | EGYPTIAN HIEROGLYPH D041                         |
| 130A3 |  | EGYPTIAN HIEROGLYPH D042                         |
| 130A4 |  | EGYPTIAN HIEROGLYPH D043                         |
| 130A5 |  | EGYPTIAN HIEROGLYPH D044                         |
| 130A6 |  | EGYPTIAN HIEROGLYPH D045                         |
| 130A7 |  | EGYPTIAN HIEROGLYPH D046                         |
|       |  | • transliterated as d                            |
| 130A8 |  | EGYPTIAN HIEROGLYPH D046A                        |
| 130A9 |  | EGYPTIAN HIEROGLYPH D047                         |
|       |  | ~ 130A9 FE01 rotated 180 degrees                 |
| 130AA |  | EGYPTIAN HIEROGLYPH D048                         |
| 130AB |  | EGYPTIAN HIEROGLYPH D048A                        |
| 130AC |  | EGYPTIAN HIEROGLYPH D049                         |
| 130AD |  | EGYPTIAN HIEROGLYPH D050                         |
|       |  | • classifier 'accurate, finger'                  |
|       |  | • not to be confused with 130B7                  |
|       |  | • 10,000                                         |
| 130AE |  | EGYPTIAN HIEROGLYPH D050A                        |
|       |  | • 20,000                                         |
| 130AF |  | EGYPTIAN HIEROGLYPH D050B                        |
|       |  | • 30,000                                         |
| 130B0 |  | EGYPTIAN HIEROGLYPH D050C                        |
|       |  | • 40,000                                         |
| 130B1 |  | EGYPTIAN HIEROGLYPH D050D                        |
|       |  | • 50,000                                         |
| 130B2 |  | EGYPTIAN HIEROGLYPH D050E                        |
|       |  | • 60,000                                         |
| 130B3 |  | EGYPTIAN HIEROGLYPH D050F                        |
|       |  | • 70,000                                         |
| 130B4 |  | EGYPTIAN HIEROGLYPH D050G                        |
|       |  | • 80,000                                         |
| 130B5 |  | EGYPTIAN HIEROGLYPH D050H                        |
|       |  | • 90,000                                         |
| 130B6 |  | EGYPTIAN HIEROGLYPH D050I                        |
|       |  | • 50,000                                         |
| 130B7 |  | EGYPTIAN HIEROGLYPH D051                         |
|       |  | • classifier 'measure, nail, scratching, taking' |
|       |  | • not to be confused with 130AD                  |
| 130B8 |  | EGYPTIAN HIEROGLYPH D052                         |
| 130B9 |  | EGYPTIAN HIEROGLYPH D052A                        |
| 130BA |  | EGYPTIAN HIEROGLYPH D053                         |
| 130BB |  | EGYPTIAN HIEROGLYPH D054                         |
|       |  | • (forward) motion                               |
| 130BC |  | EGYPTIAN HIEROGLYPH D054A                        |
| 130BD |  | EGYPTIAN HIEROGLYPH D055                         |
|       |  | • backward motion                                |
| 130BE |  | EGYPTIAN HIEROGLYPH D056                         |
| 130BF |  | EGYPTIAN HIEROGLYPH D057                         |
| 130C0 |  | EGYPTIAN HIEROGLYPH D058                         |
|       |  | • transliterated as b                            |
| 130C1 |  | EGYPTIAN HIEROGLYPH D059                         |
| 130C2 |  | EGYPTIAN HIEROGLYPH D060                         |
| 130C3 |  | EGYPTIAN HIEROGLYPH D061                         |
| 130C4 |  | EGYPTIAN HIEROGLYPH D062                         |

|       |  |                                 |
|-------|--|---------------------------------|
| 130C5 |  | EGYPTIAN HIEROGLYPH D063        |
| 130C6 |  | EGYPTIAN HIEROGLYPH D064        |
| 130C7 |  | EGYPTIAN HIEROGLYPH D065        |
| 130C8 |  | EGYPTIAN HIEROGLYPH D066        |
| 130C9 |  | EGYPTIAN HIEROGLYPH D067        |
|       |  | • 1 heqat measure               |
|       |  | • not to be confused with 13212 |
| 130CA |  | EGYPTIAN HIEROGLYPH D067A       |
|       |  | • 2 heqat measures              |
| 130CB |  | EGYPTIAN HIEROGLYPH D067B       |
|       |  | • 3 heqat measures              |
| 130CC |  | EGYPTIAN HIEROGLYPH D067C       |
|       |  | • 4 heqat measures              |
| 130CD |  | EGYPTIAN HIEROGLYPH D067D       |
|       |  | • 5 heqat measures              |
| 130CE |  | EGYPTIAN HIEROGLYPH D067E       |
|       |  | • 6 heqat measures              |
| 130CF |  | EGYPTIAN HIEROGLYPH D067F       |
|       |  | • 7 heqat measures              |
| 130D0 |  | EGYPTIAN HIEROGLYPH D067G       |
|       |  | • 8 heqat measures              |
| 130D1 |  | EGYPTIAN HIEROGLYPH D067H       |
|       |  | • 9 heqat measures              |

**E. Mammals**

|       |  |                                 |
|-------|--|---------------------------------|
| 130D2 |  | EGYPTIAN HIEROGLYPH E001        |
|       |  | • bull, classifier 'cattle'     |
|       |  | • not to be confused with 130FD |
| 130D3 |  | EGYPTIAN HIEROGLYPH E002        |
|       |  | • aggressive bull               |
| 130D4 |  | EGYPTIAN HIEROGLYPH E003        |
| 130D5 |  | EGYPTIAN HIEROGLYPH E004        |
| 130D6 |  | EGYPTIAN HIEROGLYPH E005        |
| 130D7 |  | EGYPTIAN HIEROGLYPH E006        |
| 130D8 |  | EGYPTIAN HIEROGLYPH E007        |
| 130D9 |  | EGYPTIAN HIEROGLYPH E008        |
| 130DA |  | EGYPTIAN HIEROGLYPH E008A       |
| 130DB |  | EGYPTIAN HIEROGLYPH E009        |
| 130DC |  | EGYPTIAN HIEROGLYPH E009A       |
| 130DD |  | EGYPTIAN HIEROGLYPH E010        |
| 130DE |  | EGYPTIAN HIEROGLYPH E011        |
| 130DF |  | EGYPTIAN HIEROGLYPH E012        |
| 130E0 |  | EGYPTIAN HIEROGLYPH E013        |
| 130E1 |  | EGYPTIAN HIEROGLYPH E014        |
| 130E2 |  | EGYPTIAN HIEROGLYPH E015        |
| 130E3 |  | EGYPTIAN HIEROGLYPH E016        |
| 130E4 |  | EGYPTIAN HIEROGLYPH E016A       |
| 130E5 |  | EGYPTIAN HIEROGLYPH E017        |
| 130E6 |  | EGYPTIAN HIEROGLYPH E017A       |
| 130E7 |  | EGYPTIAN HIEROGLYPH E018        |
| 130E8 |  | EGYPTIAN HIEROGLYPH E019        |
| 130E9 |  | EGYPTIAN HIEROGLYPH E020        |
| 130EA |  | EGYPTIAN HIEROGLYPH E020A       |
| 130EB |  | EGYPTIAN HIEROGLYPH E021        |
| 130EC |  | EGYPTIAN HIEROGLYPH E022        |
| 130ED |  | EGYPTIAN HIEROGLYPH E023        |
| 130EE |  | EGYPTIAN HIEROGLYPH E024        |
| 130EF |  | EGYPTIAN HIEROGLYPH E025        |
| 130F0 |  | EGYPTIAN HIEROGLYPH E026        |
| 130F1 |  | EGYPTIAN HIEROGLYPH E027        |
| 130F2 |  | EGYPTIAN HIEROGLYPH E028        |
| 130F3 |  | EGYPTIAN HIEROGLYPH E028A       |

|       |  |                                                |
|-------|--|------------------------------------------------|
| 130F4 |  | EGYPTIAN HIEROGLYPH E029                       |
| 130F5 |  | EGYPTIAN HIEROGLYPH E030                       |
| 130F6 |  | EGYPTIAN HIEROGLYPH E031                       |
| 130F7 |  | EGYPTIAN HIEROGLYPH E032                       |
| 130F8 |  | EGYPTIAN HIEROGLYPH E033                       |
| 130F9 |  | EGYPTIAN HIEROGLYPH E034                       |
| 130FA |  | EGYPTIAN HIEROGLYPH E034A                      |
|       |  | • stylistic variant, use of 130F9 is preferred |
| 130FB |  | EGYPTIAN HIEROGLYPH E036                       |
| 130FC |  | EGYPTIAN HIEROGLYPH E037                       |
| 130FD |  | EGYPTIAN HIEROGLYPH E038                       |
|       |  | • cow                                          |
|       |  | • not to be confused with 130D2                |

**F. Parts of mammals**

|       |  |                                                |
|-------|--|------------------------------------------------|
| 130FE |  | EGYPTIAN HIEROGLYPH F001                       |
| 130FF |  | EGYPTIAN HIEROGLYPH F001A                      |
| 13100 |  | EGYPTIAN HIEROGLYPH F002                       |
| 13101 |  | EGYPTIAN HIEROGLYPH F003                       |
| 13102 |  | EGYPTIAN HIEROGLYPH F004                       |
| 13103 |  | EGYPTIAN HIEROGLYPH F005                       |
| 13104 |  | EGYPTIAN HIEROGLYPH F006                       |
| 13105 |  | EGYPTIAN HIEROGLYPH F007                       |
| 13106 |  | EGYPTIAN HIEROGLYPH F008                       |
| 13107 |  | EGYPTIAN HIEROGLYPH F009                       |
| 13108 |  | EGYPTIAN HIEROGLYPH F010                       |
| 13109 |  | EGYPTIAN HIEROGLYPH F011                       |
| 1310A |  | EGYPTIAN HIEROGLYPH F012                       |
| 1310B |  | EGYPTIAN HIEROGLYPH F013                       |
| 1310C |  | EGYPTIAN HIEROGLYPH F013A                      |
|       |  | • stylistic variant, use of 1310B is preferred |
| 1310D |  | EGYPTIAN HIEROGLYPH F014                       |
| 1310E |  | EGYPTIAN HIEROGLYPH F015                       |
| 1310F |  | EGYPTIAN HIEROGLYPH F016                       |
|       |  | ~ 1310F FE00 rotated 90 degrees                |
| 13110 |  | EGYPTIAN HIEROGLYPH F017                       |
| 13111 |  | EGYPTIAN HIEROGLYPH F018                       |
| 13112 |  | EGYPTIAN HIEROGLYPH F019                       |
| 13113 |  | EGYPTIAN HIEROGLYPH F020                       |
| 13114 |  | EGYPTIAN HIEROGLYPH F021                       |
| 13115 |  | EGYPTIAN HIEROGLYPH F021A                      |
|       |  | • from hieratic                                |
| 13116 |  | EGYPTIAN HIEROGLYPH F022                       |
| 13117 |  | EGYPTIAN HIEROGLYPH F023                       |
|       |  | ~ 13117 FE02 rotated 270 degrees               |
| 13118 |  | EGYPTIAN HIEROGLYPH F024                       |
|       |  | • mirrored version of 13117                    |
| 13119 |  | EGYPTIAN HIEROGLYPH F025                       |
| 1311A |  | EGYPTIAN HIEROGLYPH F026                       |
| 1311B |  | EGYPTIAN HIEROGLYPH F027                       |
| 1311C |  | EGYPTIAN HIEROGLYPH F028                       |
|       |  | ~ 1311C FE00 rotated 90 degrees                |
| 1311D |  | EGYPTIAN HIEROGLYPH F029                       |
| 1311E |  | EGYPTIAN HIEROGLYPH F030                       |
| 1311F |  | EGYPTIAN HIEROGLYPH F031                       |
| 13120 |  | EGYPTIAN HIEROGLYPH F031A                      |
|       |  | • cursive variant of 1311F                     |
| 13121 |  | EGYPTIAN HIEROGLYPH F032                       |
|       |  | • transliterated as 1E96                       |
|       |  | ~ 13121 FE00 rotated 90 degrees                |
| 13122 |  | EGYPTIAN HIEROGLYPH F033                       |
| 13123 |  | EGYPTIAN HIEROGLYPH F034                       |

|                 |  |                                                                                                                                                                                                              |                          |  |                                                                             |
|-----------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--|-----------------------------------------------------------------------------|
| 13124           |  | EGYPTIAN HIEROGLYPH F035                                                                                                                                                                                     | 13150                    |  | EGYPTIAN HIEROGLYPH G014                                                    |
| 13125           |  | EGYPTIAN HIEROGLYPH F036                                                                                                                                                                                     | 13151                    |  | EGYPTIAN HIEROGLYPH G015                                                    |
| 13126           |  | EGYPTIAN HIEROGLYPH F037                                                                                                                                                                                     | 13152                    |  | EGYPTIAN HIEROGLYPH G016                                                    |
| 13127           |  | EGYPTIAN HIEROGLYPH F037A<br>~ 13127 FE00 rotated 90 degrees                                                                                                                                                 | 13153                    |  | EGYPTIAN HIEROGLYPH G017<br>• transliterated as m                           |
| 13128           |  | EGYPTIAN HIEROGLYPH F038                                                                                                                                                                                     | 13154                    |  | EGYPTIAN HIEROGLYPH G018                                                    |
| 13129           |  | EGYPTIAN HIEROGLYPH F038A                                                                                                                                                                                    | 13155                    |  | EGYPTIAN HIEROGLYPH G019                                                    |
| 1312A           |  | EGYPTIAN HIEROGLYPH F039                                                                                                                                                                                     | 13156                    |  | EGYPTIAN HIEROGLYPH G020                                                    |
| 1312B           |  | EGYPTIAN HIEROGLYPH F040                                                                                                                                                                                     | 13157                    |  | EGYPTIAN HIEROGLYPH G020A                                                   |
| 1312C           |  | EGYPTIAN HIEROGLYPH F041                                                                                                                                                                                     | 13158                    |  | EGYPTIAN HIEROGLYPH G021                                                    |
| 1312D           |  | EGYPTIAN HIEROGLYPH F042                                                                                                                                                                                     | 13159                    |  | EGYPTIAN HIEROGLYPH G022                                                    |
| 1312E           |  | EGYPTIAN HIEROGLYPH F043                                                                                                                                                                                     | 1315A                    |  | EGYPTIAN HIEROGLYPH G023                                                    |
| 1312F           |  | EGYPTIAN HIEROGLYPH F044                                                                                                                                                                                     | 1315B                    |  | EGYPTIAN HIEROGLYPH G024                                                    |
| 13130           |  | EGYPTIAN HIEROGLYPH F045                                                                                                                                                                                     | 1315C                    |  | EGYPTIAN HIEROGLYPH G025                                                    |
| 13131           |  | EGYPTIAN HIEROGLYPH F045A                                                                                                                                                                                    | 1315D                    |  | EGYPTIAN HIEROGLYPH G026                                                    |
| 13132           |  | EGYPTIAN HIEROGLYPH F046                                                                                                                                                                                     | 1315E                    |  | EGYPTIAN HIEROGLYPH G026A                                                   |
| 13133           |  | EGYPTIAN HIEROGLYPH F046A<br>• rotated version of 13132                                                                                                                                                      | 1315F                    |  | EGYPTIAN HIEROGLYPH G027                                                    |
| 13134           |  | EGYPTIAN HIEROGLYPH F047<br>• mirrored version of 13132                                                                                                                                                      | 13160                    |  | EGYPTIAN HIEROGLYPH G028                                                    |
| 13135           |  | EGYPTIAN HIEROGLYPH F047A<br>• mirrored version of 13133                                                                                                                                                     | 13161                    |  | EGYPTIAN HIEROGLYPH G029                                                    |
| 13136           |  | EGYPTIAN HIEROGLYPH F048                                                                                                                                                                                     | 13162                    |  | EGYPTIAN HIEROGLYPH G030                                                    |
| 13137           |  | EGYPTIAN HIEROGLYPH F049<br>• mirrored version of 13136                                                                                                                                                      | 13163                    |  | EGYPTIAN HIEROGLYPH G031                                                    |
| 13138           |  | EGYPTIAN HIEROGLYPH F050                                                                                                                                                                                     | 13164                    |  | EGYPTIAN HIEROGLYPH G032                                                    |
| 13139           |  | EGYPTIAN HIEROGLYPH F051<br>~ 13139 FE00 rotated 90 degrees<br>~ 13139 FE02 rotated 270 degrees                                                                                                              | 13165                    |  | EGYPTIAN HIEROGLYPH G033                                                    |
| 1313A           |  | EGYPTIAN HIEROGLYPH F051A                                                                                                                                                                                    | 13166                    |  | EGYPTIAN HIEROGLYPH G034                                                    |
| 1313B           |  | EGYPTIAN HIEROGLYPH F051B<br>• variant of 1313A                                                                                                                                                              | 13167                    |  | EGYPTIAN HIEROGLYPH G035                                                    |
| 1313C           |  | EGYPTIAN HIEROGLYPH F051C<br>• rotated version of 13139                                                                                                                                                      | 13168                    |  | EGYPTIAN HIEROGLYPH G036                                                    |
| 1313D           |  | EGYPTIAN HIEROGLYPH F052                                                                                                                                                                                     | 13169                    |  | EGYPTIAN HIEROGLYPH G036A<br>• stylistic variant, use of 13168 is preferred |
| 1313E           |  | EGYPTIAN HIEROGLYPH F053                                                                                                                                                                                     | 1316A                    |  | EGYPTIAN HIEROGLYPH G037                                                    |
| <b>G. Birds</b> |  |                                                                                                                                                                                                              | 1316B                    |  | EGYPTIAN HIEROGLYPH G037A<br>• stylistic variant, use of 1316A is preferred |
| 1313F           |  | EGYPTIAN HIEROGLYPH G001<br>• Egyptian vulture, Egyptological alef<br>• not to be confused with 13142<br>• transliterated as A723<br>→ 05D0 hebrew letter alef<br>→ 0623 arabic letter alef with hamza above | 1316C                    |  | EGYPTIAN HIEROGLYPH G038<br>• goose                                         |
| 13140           |  | EGYPTIAN HIEROGLYPH G002                                                                                                                                                                                     | 1316D                    |  | EGYPTIAN HIEROGLYPH G039<br>• duck                                          |
| 13141           |  | EGYPTIAN HIEROGLYPH G003                                                                                                                                                                                     | 1316E                    |  | EGYPTIAN HIEROGLYPH G040                                                    |
| 13142           |  | EGYPTIAN HIEROGLYPH G004<br>• phonogram 'tw'<br>• not to be confused with 1313F                                                                                                                              | 1316F                    |  | EGYPTIAN HIEROGLYPH G041                                                    |
| 13143           |  | EGYPTIAN HIEROGLYPH G005                                                                                                                                                                                     | 13170                    |  | EGYPTIAN HIEROGLYPH G042                                                    |
| 13144           |  | EGYPTIAN HIEROGLYPH G006                                                                                                                                                                                     | 13171                    |  | EGYPTIAN HIEROGLYPH G043<br>• transliterated as w                           |
| 13145           |  | EGYPTIAN HIEROGLYPH G006A                                                                                                                                                                                    | 13172                    |  | EGYPTIAN HIEROGLYPH G043A                                                   |
| 13146           |  | EGYPTIAN HIEROGLYPH G007                                                                                                                                                                                     | 13173                    |  | EGYPTIAN HIEROGLYPH G044                                                    |
| 13147           |  | EGYPTIAN HIEROGLYPH G007A                                                                                                                                                                                    | 13174                    |  | EGYPTIAN HIEROGLYPH G045                                                    |
| 13148           |  | EGYPTIAN HIEROGLYPH G007B                                                                                                                                                                                    | 13175                    |  | EGYPTIAN HIEROGLYPH G045A                                                   |
| 13149           |  | EGYPTIAN HIEROGLYPH G008                                                                                                                                                                                     | 13176                    |  | EGYPTIAN HIEROGLYPH G046                                                    |
| 1314A           |  | EGYPTIAN HIEROGLYPH G009                                                                                                                                                                                     | 13177                    |  | EGYPTIAN HIEROGLYPH G047                                                    |
| 1314B           |  | EGYPTIAN HIEROGLYPH G010                                                                                                                                                                                     | 13178                    |  | EGYPTIAN HIEROGLYPH G048                                                    |
| 1314C           |  | EGYPTIAN HIEROGLYPH G011                                                                                                                                                                                     | 13179                    |  | EGYPTIAN HIEROGLYPH G049                                                    |
| 1314D           |  | EGYPTIAN HIEROGLYPH G011A                                                                                                                                                                                    | 1317A                    |  | EGYPTIAN HIEROGLYPH G050                                                    |
| 1314E           |  | EGYPTIAN HIEROGLYPH G012                                                                                                                                                                                     | 1317B                    |  | EGYPTIAN HIEROGLYPH G051                                                    |
| 1314F           |  | EGYPTIAN HIEROGLYPH G013                                                                                                                                                                                     | 1317C                    |  | EGYPTIAN HIEROGLYPH G052                                                    |
|                 |  |                                                                                                                                                                                                              | 1317D                    |  | EGYPTIAN HIEROGLYPH G053                                                    |
|                 |  |                                                                                                                                                                                                              | 1317E                    |  | EGYPTIAN HIEROGLYPH G054                                                    |
|                 |  |                                                                                                                                                                                                              | <b>H. Parts of birds</b> |  |                                                                             |
|                 |  |                                                                                                                                                                                                              | 1317F                    |  | EGYPTIAN HIEROGLYPH H001                                                    |
|                 |  |                                                                                                                                                                                                              | 13180                    |  | EGYPTIAN HIEROGLYPH H002                                                    |
|                 |  |                                                                                                                                                                                                              | 13181                    |  | EGYPTIAN HIEROGLYPH H003                                                    |
|                 |  |                                                                                                                                                                                                              | 13182                    |  | EGYPTIAN HIEROGLYPH H004                                                    |
|                 |  |                                                                                                                                                                                                              | 13183                    |  | EGYPTIAN HIEROGLYPH H005<br>~ 13183 FE02 rotated 270 degrees                |
|                 |  |                                                                                                                                                                                                              | 13184                    |  | EGYPTIAN HIEROGLYPH H006                                                    |



- 13185  EGYPTIAN HIEROGLYPH H006A  
• from hieratic
- 13186  EGYPTIAN HIEROGLYPH H007
- 13187  EGYPTIAN HIEROGLYPH H008  
~ 13187 FE01 rotated 180 degrees

**I. Amphibious animals, reptiles, etc.**

- 13188  EGYPTIAN HIEROGLYPH I001
- 13189  EGYPTIAN HIEROGLYPH I002
- 1318A  EGYPTIAN HIEROGLYPH I003
- 1318B  EGYPTIAN HIEROGLYPH I004
- 1318C  EGYPTIAN HIEROGLYPH I005
- 1318D  EGYPTIAN HIEROGLYPH I005A
- 1318E  EGYPTIAN HIEROGLYPH I006
- 1318F  EGYPTIAN HIEROGLYPH I007
- 13190  EGYPTIAN HIEROGLYPH I008  
• 100,000
- 13191  EGYPTIAN HIEROGLYPH I009  
• transliterated as f
- 13192  EGYPTIAN HIEROGLYPH I009A
- 13193  EGYPTIAN HIEROGLYPH I010  
• transliterated as 1E0F d
- 13194  EGYPTIAN HIEROGLYPH I010A
- 13195  EGYPTIAN HIEROGLYPH I011
- 13196  EGYPTIAN HIEROGLYPH I011A
- 13197  EGYPTIAN HIEROGLYPH I012
- 13198  EGYPTIAN HIEROGLYPH I013
- 13199  EGYPTIAN HIEROGLYPH I014
- 1319A  EGYPTIAN HIEROGLYPH I015

**K. Fishes and parts of fishes**

- 1319B  EGYPTIAN HIEROGLYPH K001
- 1319C  EGYPTIAN HIEROGLYPH K002
- 1319D  EGYPTIAN HIEROGLYPH K003
- 1319E  EGYPTIAN HIEROGLYPH K004
- 1319F  EGYPTIAN HIEROGLYPH K005
- 131A0  EGYPTIAN HIEROGLYPH K006  
~ 131A0 FE00 rotated 90 degrees  
~ 131A0 FE02 rotated 270 degrees
- 131A1  EGYPTIAN HIEROGLYPH K007
- 131A2  EGYPTIAN HIEROGLYPH K008

**L. Invertebrata and lesser animals**

- 131A3  EGYPTIAN HIEROGLYPH L001
- 131A4  EGYPTIAN HIEROGLYPH L002
- 131A5  EGYPTIAN HIEROGLYPH L002A
- 131A6  EGYPTIAN HIEROGLYPH L003
- 131A7  EGYPTIAN HIEROGLYPH L004
- 131A8  EGYPTIAN HIEROGLYPH L005
- 131A9  EGYPTIAN HIEROGLYPH L006
- 131AA  EGYPTIAN HIEROGLYPH L006A  
• mirrored version of 131A9
- 131AB  EGYPTIAN HIEROGLYPH L007
- 131AC  EGYPTIAN HIEROGLYPH L008

**M. Trees and plants**

- 131AD  EGYPTIAN HIEROGLYPH M001
- 131AE  EGYPTIAN HIEROGLYPH M001A
- 131AF  EGYPTIAN HIEROGLYPH M001B
- 131B0  EGYPTIAN HIEROGLYPH M002
- 131B1  EGYPTIAN HIEROGLYPH M003  
~ 131B1 FE00 rotated 90 degrees  
~ 131B1 FE01 rotated 180 degrees
- 131B2  EGYPTIAN HIEROGLYPH M003A

- 131B3  EGYPTIAN HIEROGLYPH M004
- 131B4  EGYPTIAN HIEROGLYPH M005
- 131B5  EGYPTIAN HIEROGLYPH M006
- 131B6  EGYPTIAN HIEROGLYPH M007
- 131B7  EGYPTIAN HIEROGLYPH M008
- 131B8  EGYPTIAN HIEROGLYPH M009  
~ 131B8 FE00 rotated 90 degrees
- 131B9  EGYPTIAN HIEROGLYPH M010  
~ 131B9 FE00 rotated 90 degrees
- 131BA  EGYPTIAN HIEROGLYPH M010A  
~ 131BA FE02 rotated 270 degrees
- 131BB  EGYPTIAN HIEROGLYPH M011
- 131BC  EGYPTIAN HIEROGLYPH M012  
• 1,000
- 131BD  EGYPTIAN HIEROGLYPH M012A  
• 2,000
- 131BE  EGYPTIAN HIEROGLYPH M012B  
• 3,000
- 131BF  EGYPTIAN HIEROGLYPH M012C  
• 4,000
- 131C0  EGYPTIAN HIEROGLYPH M012D  
• 5,000
- 131C1  EGYPTIAN HIEROGLYPH M012E  
• 6,000
- 131C2  EGYPTIAN HIEROGLYPH M012F  
• 7,000
- 131C3  EGYPTIAN HIEROGLYPH M012G  
• 8,000
- 131C4  EGYPTIAN HIEROGLYPH M012H  
• 9,000
- 131C5  EGYPTIAN HIEROGLYPH M013
- 131C6  EGYPTIAN HIEROGLYPH M014
- 131C7  EGYPTIAN HIEROGLYPH M015
- 131C8  EGYPTIAN HIEROGLYPH M015A
- 131C9  EGYPTIAN HIEROGLYPH M016
- 131CA  EGYPTIAN HIEROGLYPH M016A
- 131CB  EGYPTIAN HIEROGLYPH M017  
• egyptological yod  
• transliterated as A7BD i  
→ 05D9 𐤎 hebrew letter yod  
→ 064A 𐤎 arabic letter yeh  
~ 131CB FE00 rotated 90 degrees
- 131CC  EGYPTIAN HIEROGLYPH M017A  
• phonogram 'y'  
→ 133ED 𐤎 egyptian hieroglyph z004
- 131CD  EGYPTIAN HIEROGLYPH M018
- 131CE  EGYPTIAN HIEROGLYPH M019
- 131CF  EGYPTIAN HIEROGLYPH M020
- 131D0  EGYPTIAN HIEROGLYPH M021
- 131D1  EGYPTIAN HIEROGLYPH M022  
• classifier 'bud, lotus bud'
- 131D2  EGYPTIAN HIEROGLYPH M022A  
• phonogram 'nn'
- 131D3  EGYPTIAN HIEROGLYPH M023
- 131D4  EGYPTIAN HIEROGLYPH M024
- 131D5  EGYPTIAN HIEROGLYPH M024A
- 131D6  EGYPTIAN HIEROGLYPH M025
- 131D7  EGYPTIAN HIEROGLYPH M026
- 131D8  EGYPTIAN HIEROGLYPH M027
- 131D9  EGYPTIAN HIEROGLYPH M028
- 131DA  EGYPTIAN HIEROGLYPH M028A
- 131DB  EGYPTIAN HIEROGLYPH M029

## 131DC

## Egyptian Hieroglyphs

## 13227

|                             |  |                                                                                                                                                |
|-----------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------|
| 131DC                       |  | EGYPTIAN HIEROGLYPH M030                                                                                                                       |
| 131DD                       |  | EGYPTIAN HIEROGLYPH M031                                                                                                                       |
| 131DE                       |  | EGYPTIAN HIEROGLYPH M031A                                                                                                                      |
| 131DF                       |  | EGYPTIAN HIEROGLYPH M032                                                                                                                       |
| 131E0                       |  | EGYPTIAN HIEROGLYPH M033                                                                                                                       |
| 131E1                       |  | EGYPTIAN HIEROGLYPH M033A<br>• variant of 131E0                                                                                                |
| 131E2                       |  | EGYPTIAN HIEROGLYPH M033B<br>• variant of 131E0                                                                                                |
| 131E3                       |  | EGYPTIAN HIEROGLYPH M034                                                                                                                       |
| 131E4                       |  | EGYPTIAN HIEROGLYPH M035                                                                                                                       |
| 131E5                       |  | EGYPTIAN HIEROGLYPH M036                                                                                                                       |
| 131E6                       |  | EGYPTIAN HIEROGLYPH M037<br>• older variant of 131E5                                                                                           |
| 131E7                       |  | EGYPTIAN HIEROGLYPH M038                                                                                                                       |
| 131E8                       |  | EGYPTIAN HIEROGLYPH M039                                                                                                                       |
| 131E9                       |  | EGYPTIAN HIEROGLYPH M040<br>• phonogram 'js'<br>• not to be confused with 132A7 or 1342A                                                       |
| 131EA                       |  | EGYPTIAN HIEROGLYPH M040A                                                                                                                      |
| 131EB                       |  | EGYPTIAN HIEROGLYPH M041                                                                                                                       |
| 131EC                       |  | EGYPTIAN HIEROGLYPH M042                                                                                                                       |
| 131ED                       |  | EGYPTIAN HIEROGLYPH M043                                                                                                                       |
| 131EE                       |  | EGYPTIAN HIEROGLYPH M044<br>• thorn<br>• not to be confused with 133DA<br>~ 131EE FE01 rotated 180 degrees<br>~ 131EE FE02 rotated 270 degrees |
| <b>N. Sky, earth, water</b> |  |                                                                                                                                                |
| 131EF                       |  | EGYPTIAN HIEROGLYPH N001                                                                                                                       |
| 131F0                       |  | EGYPTIAN HIEROGLYPH N002                                                                                                                       |
| 131F1                       |  | EGYPTIAN HIEROGLYPH N003<br>• older variant of 131F0                                                                                           |
| 131F2                       |  | EGYPTIAN HIEROGLYPH N004                                                                                                                       |
| 131F3                       |  | EGYPTIAN HIEROGLYPH N005<br>• sun<br>• not to be confused with 13082 or 133F8                                                                  |
| 131F4                       |  | EGYPTIAN HIEROGLYPH N006                                                                                                                       |
| 131F5                       |  | EGYPTIAN HIEROGLYPH N007                                                                                                                       |
| 131F6                       |  | EGYPTIAN HIEROGLYPH N008                                                                                                                       |
| 131F7                       |  | EGYPTIAN HIEROGLYPH N009<br>• variant of 131F8                                                                                                 |
| 131F8                       |  | EGYPTIAN HIEROGLYPH N010<br>• variant of 131F7<br>~ 131F8 FE01 rotated 180 degrees                                                             |
| 131F9                       |  | EGYPTIAN HIEROGLYPH N011<br>~ 131F9 FE00 rotated 90 degrees<br>~ 131F9 FE01 rotated 180 degrees                                                |
| 131FA                       |  | EGYPTIAN HIEROGLYPH N012<br>~ 131FA FE00 rotated 90 degrees<br>~ 131FA FE01 rotated 180 degrees                                                |
| 131FB                       |  | EGYPTIAN HIEROGLYPH N013                                                                                                                       |
| 131FC                       |  | EGYPTIAN HIEROGLYPH N014                                                                                                                       |
| 131FD                       |  | EGYPTIAN HIEROGLYPH N015                                                                                                                       |
| 131FE                       |  | EGYPTIAN HIEROGLYPH N016                                                                                                                       |
| 131FF                       |  | EGYPTIAN HIEROGLYPH N017<br>• land<br>• variant of 131FE                                                                                       |
| 13200                       |  | EGYPTIAN HIEROGLYPH N018<br>• island<br>• not to be confused with 132F0, 133D4, or 133F3                                                       |

|                                 |  |                                                                                                                                                                     |
|---------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13201                           |  | EGYPTIAN HIEROGLYPH N018A                                                                                                                                           |
| 13202                           |  | EGYPTIAN HIEROGLYPH N018B                                                                                                                                           |
| 13203                           |  | EGYPTIAN HIEROGLYPH N019<br>• logogram 'akhti'                                                                                                                      |
| 13204                           |  | EGYPTIAN HIEROGLYPH N020                                                                                                                                            |
| 13205                           |  | EGYPTIAN HIEROGLYPH N021                                                                                                                                            |
| 13206                           |  | EGYPTIAN HIEROGLYPH N022                                                                                                                                            |
| 13207                           |  | EGYPTIAN HIEROGLYPH N023                                                                                                                                            |
| 13208                           |  | EGYPTIAN HIEROGLYPH N024                                                                                                                                            |
| 13209                           |  | EGYPTIAN HIEROGLYPH N025                                                                                                                                            |
| 1320A                           |  | EGYPTIAN HIEROGLYPH N025A<br>• stylistic variant, use of 13209 is preferred                                                                                         |
| 1320B                           |  | EGYPTIAN HIEROGLYPH N026                                                                                                                                            |
| 1320C                           |  | EGYPTIAN HIEROGLYPH N027                                                                                                                                            |
| 1320D                           |  | EGYPTIAN HIEROGLYPH N028                                                                                                                                            |
| 1320E                           |  | EGYPTIAN HIEROGLYPH N029<br>• hill<br>• not to be confused with 133D8<br>• transliterated as q or as 1E33 k<br>→ 05E7 hebrew letter qof<br>→ 0642 arabic letter qaf |
| 1320F                           |  | EGYPTIAN HIEROGLYPH N030                                                                                                                                            |
| 13210                           |  | EGYPTIAN HIEROGLYPH N031                                                                                                                                            |
| 13211                           |  | EGYPTIAN HIEROGLYPH N032                                                                                                                                            |
| 13212                           |  | EGYPTIAN HIEROGLYPH N033<br>• classifier 'granule, grain'<br>• not to be confused with 130C9                                                                        |
| 13213                           |  | EGYPTIAN HIEROGLYPH N033A<br>• classifier 'granules, grains'<br>• not to be confused with 133E7                                                                     |
| 13214                           |  | EGYPTIAN HIEROGLYPH N034                                                                                                                                            |
| 13215                           |  | EGYPTIAN HIEROGLYPH N034A<br>• stylistic variant, use of 13214 is preferred                                                                                         |
| 13216                           |  | EGYPTIAN HIEROGLYPH N035<br>• transliterated as n<br>~ 13216 FE02 rotated 270 degrees                                                                               |
| 13217                           |  | EGYPTIAN HIEROGLYPH N035A<br>• classifier 'liquid'                                                                                                                  |
| 13218                           |  | EGYPTIAN HIEROGLYPH N036                                                                                                                                            |
| 13219                           |  | EGYPTIAN HIEROGLYPH N037<br>• lake<br>• transliterated as 0161 š<br>• not to be confused with 1328C                                                                 |
| 1321A                           |  | EGYPTIAN HIEROGLYPH N037A<br>• variant of 13219                                                                                                                     |
| 1321B                           |  | EGYPTIAN HIEROGLYPH N038<br>• variant of 13219                                                                                                                      |
| 1321C                           |  | EGYPTIAN HIEROGLYPH N039<br>• variant of 13219                                                                                                                      |
| 1321D                           |  | EGYPTIAN HIEROGLYPH N040                                                                                                                                            |
| 1321E                           |  | EGYPTIAN HIEROGLYPH N041                                                                                                                                            |
| 1321F                           |  | EGYPTIAN HIEROGLYPH N042<br>• variant of 1321E                                                                                                                      |
| <b>NL. Nomes of Lower Egypt</b> |  |                                                                                                                                                                     |
| 13220                           |  | EGYPTIAN HIEROGLYPH NL001                                                                                                                                           |
| 13221                           |  | EGYPTIAN HIEROGLYPH NL002                                                                                                                                           |
| 13222                           |  | EGYPTIAN HIEROGLYPH NL003                                                                                                                                           |
| 13223                           |  | EGYPTIAN HIEROGLYPH NL004                                                                                                                                           |
| 13224                           |  | EGYPTIAN HIEROGLYPH NL005                                                                                                                                           |
| 13225                           |  | EGYPTIAN HIEROGLYPH NL005A                                                                                                                                          |
| 13226                           |  | EGYPTIAN HIEROGLYPH NL006                                                                                                                                           |
| 13227                           |  | EGYPTIAN HIEROGLYPH NL007                                                                                                                                           |



|       |  |                            |
|-------|--|----------------------------|
| 13228 |  | EGYPTIAN HIEROGLYPH NL008  |
| 13229 |  | EGYPTIAN HIEROGLYPH NL009  |
| 1322A |  | EGYPTIAN HIEROGLYPH NL010  |
| 1322B |  | EGYPTIAN HIEROGLYPH NL011  |
| 1322C |  | EGYPTIAN HIEROGLYPH NL012  |
| 1322D |  | EGYPTIAN HIEROGLYPH NL013  |
| 1322E |  | EGYPTIAN HIEROGLYPH NL014  |
| 1322F |  | EGYPTIAN HIEROGLYPH NL015  |
| 13230 |  | EGYPTIAN HIEROGLYPH NL016  |
| 13231 |  | EGYPTIAN HIEROGLYPH NL017  |
| 13232 |  | EGYPTIAN HIEROGLYPH NL017A |
| 13233 |  | EGYPTIAN HIEROGLYPH NL018  |
| 13234 |  | EGYPTIAN HIEROGLYPH NL019  |
| 13235 |  | EGYPTIAN HIEROGLYPH NL020  |

**NU. Nomes of Upper Egypt**

|       |  |                            |
|-------|--|----------------------------|
| 13236 |  | EGYPTIAN HIEROGLYPH NU001  |
| 13237 |  | EGYPTIAN HIEROGLYPH NU002  |
| 13238 |  | EGYPTIAN HIEROGLYPH NU003  |
| 13239 |  | EGYPTIAN HIEROGLYPH NU004  |
| 1323A |  | EGYPTIAN HIEROGLYPH NU005  |
| 1323B |  | EGYPTIAN HIEROGLYPH NU006  |
| 1323C |  | EGYPTIAN HIEROGLYPH NU007  |
| 1323D |  | EGYPTIAN HIEROGLYPH NU008  |
| 1323E |  | EGYPTIAN HIEROGLYPH NU009  |
| 1323F |  | EGYPTIAN HIEROGLYPH NU010  |
| 13240 |  | EGYPTIAN HIEROGLYPH NU010A |
| 13241 |  | EGYPTIAN HIEROGLYPH NU011  |
| 13242 |  | EGYPTIAN HIEROGLYPH NU011A |
| 13243 |  | EGYPTIAN HIEROGLYPH NU012  |
| 13244 |  | EGYPTIAN HIEROGLYPH NU013  |
| 13245 |  | EGYPTIAN HIEROGLYPH NU014  |
| 13246 |  | EGYPTIAN HIEROGLYPH NU015  |
| 13247 |  | EGYPTIAN HIEROGLYPH NU016  |
| 13248 |  | EGYPTIAN HIEROGLYPH NU017  |
| 13249 |  | EGYPTIAN HIEROGLYPH NU018  |
| 1324A |  | EGYPTIAN HIEROGLYPH NU018A |
| 1324B |  | EGYPTIAN HIEROGLYPH NU019  |
| 1324C |  | EGYPTIAN HIEROGLYPH NU020  |
| 1324D |  | EGYPTIAN HIEROGLYPH NU021  |
| 1324E |  | EGYPTIAN HIEROGLYPH NU022  |
| 1324F |  | EGYPTIAN HIEROGLYPH NU022A |

**O. Buildings, parts of buildings, etc.**

|       |  |                                                                                  |
|-------|--|----------------------------------------------------------------------------------|
| 13250 |  | EGYPTIAN HIEROGLYPH O001                                                         |
| 13251 |  | EGYPTIAN HIEROGLYPH O001A                                                        |
| 13252 |  | EGYPTIAN HIEROGLYPH O002                                                         |
| 13253 |  | EGYPTIAN HIEROGLYPH O003                                                         |
| 13254 |  | EGYPTIAN HIEROGLYPH O004                                                         |
|       |  | • transliterated as h<br>→ 05D4 ה hebrew letter he<br>→ 0647 ه arabic letter heh |
| 13255 |  | EGYPTIAN HIEROGLYPH O005                                                         |
| 13256 |  | EGYPTIAN HIEROGLYPH O005A                                                        |
|       |  | • mirrored version of 13255                                                      |
| 13257 |  | EGYPTIAN HIEROGLYPH O006                                                         |
|       |  | ~ 13257 FE01 rotated 180 degrees                                                 |
| 13258 |  | EGYPTIAN HIEROGLYPH O006A                                                        |
|       |  | • beginning of hwt or serekh enclosure<br>→ 13282 egyptian hieroglyph o033a      |
| 13259 |  | EGYPTIAN HIEROGLYPH O006B                                                        |
|       |  | • beginning of low hwt enclosure                                                 |

|       |  |                                                                     |
|-------|--|---------------------------------------------------------------------|
| 1325A |  | EGYPTIAN HIEROGLYPH O006C                                           |
|       |  | • beginning of high hwt enclosure                                   |
| 1325B |  | EGYPTIAN HIEROGLYPH O006D                                           |
|       |  | • end of high hwt enclosure                                         |
| 1325C |  | EGYPTIAN HIEROGLYPH O006E                                           |
|       |  | • end of low hwt enclosure                                          |
| 1325D |  | EGYPTIAN HIEROGLYPH O006F                                           |
|       |  | • end of hwt enclosure                                              |
| 1325E |  | EGYPTIAN HIEROGLYPH O007                                            |
| 1325F |  | EGYPTIAN HIEROGLYPH O008                                            |
| 13260 |  | EGYPTIAN HIEROGLYPH O009                                            |
| 13261 |  | EGYPTIAN HIEROGLYPH O010                                            |
| 13262 |  | EGYPTIAN HIEROGLYPH O010A                                           |
| 13263 |  | EGYPTIAN HIEROGLYPH O010B                                           |
| 13264 |  | EGYPTIAN HIEROGLYPH O010C                                           |
| 13265 |  | EGYPTIAN HIEROGLYPH O011                                            |
| 13266 |  | EGYPTIAN HIEROGLYPH O012                                            |
| 13267 |  | EGYPTIAN HIEROGLYPH O013                                            |
| 13268 |  | EGYPTIAN HIEROGLYPH O014                                            |
| 13269 |  | EGYPTIAN HIEROGLYPH O015                                            |
| 1326A |  | EGYPTIAN HIEROGLYPH O016                                            |
| 1326B |  | EGYPTIAN HIEROGLYPH O017                                            |
| 1326C |  | EGYPTIAN HIEROGLYPH O018                                            |
| 1326D |  | EGYPTIAN HIEROGLYPH O019                                            |
| 1326E |  | EGYPTIAN HIEROGLYPH O019A                                           |
| 1326F |  | EGYPTIAN HIEROGLYPH O020                                            |
| 13270 |  | EGYPTIAN HIEROGLYPH O020A                                           |
| 13271 |  | EGYPTIAN HIEROGLYPH O021                                            |
| 13272 |  | EGYPTIAN HIEROGLYPH O022                                            |
| 13273 |  | EGYPTIAN HIEROGLYPH O023                                            |
| 13274 |  | EGYPTIAN HIEROGLYPH O024                                            |
| 13275 |  | EGYPTIAN HIEROGLYPH O024A                                           |
| 13276 |  | EGYPTIAN HIEROGLYPH O025                                            |
| 13277 |  | EGYPTIAN HIEROGLYPH O025A                                           |
| 13278 |  | EGYPTIAN HIEROGLYPH O026                                            |
| 13279 |  | EGYPTIAN HIEROGLYPH O027                                            |
| 1327A |  | EGYPTIAN HIEROGLYPH O028                                            |
| 1327B |  | EGYPTIAN HIEROGLYPH O029                                            |
|       |  | ~ 1327B FE02 rotated 270 degrees                                    |
| 1327C |  | EGYPTIAN HIEROGLYPH O029A                                           |
|       |  | • rotated variant of 1327B                                          |
| 1327D |  | EGYPTIAN HIEROGLYPH O030                                            |
|       |  | • supporting pole<br>• not to be confused with 13361                |
| 1327E |  | EGYPTIAN HIEROGLYPH O030A                                           |
| 1327F |  | EGYPTIAN HIEROGLYPH O031                                            |
|       |  | ~ 1327F FE00 rotated 90 degrees<br>~ 1327F FE01 rotated 180 degrees |
| 13280 |  | EGYPTIAN HIEROGLYPH O032                                            |
| 13281 |  | EGYPTIAN HIEROGLYPH O033                                            |
|       |  | • classifier 'serekh'                                               |
| 13282 |  | EGYPTIAN HIEROGLYPH O033A                                           |
|       |  | • end of serekh enclosure<br>→ 13258 egyptian hieroglyph o006a      |
| 13283 |  | EGYPTIAN HIEROGLYPH O034                                            |
|       |  | • transliterated as s or as z<br>→ 132F4 egyptian hieroglyph s029   |
| 13284 |  | EGYPTIAN HIEROGLYPH O035                                            |
| 13285 |  | EGYPTIAN HIEROGLYPH O036                                            |
|       |  | ~ 13285 FE00 rotated 90 degrees                                     |
| 13286 |  | EGYPTIAN HIEROGLYPH O036A                                           |
|       |  | • beginning of fortified wall cartouche                             |

- 13287  EGYPTIAN HIEROGLYPH O036B  
• end of fortified wall cartouche
- 13288  EGYPTIAN HIEROGLYPH O036C  
• beginning of fortified wall enclosure
- 13289  EGYPTIAN HIEROGLYPH O036D  
• end of fortified wall enclosure
- 1328A  EGYPTIAN HIEROGLYPH O037
- 1328B  EGYPTIAN HIEROGLYPH O038
- 1328C  EGYPTIAN HIEROGLYPH O039  
• stone, brick  
• not to be confused with 13219   
~ 1328C FE00 rotated 90 degrees
- 1328D  EGYPTIAN HIEROGLYPH O040
- 1328E  EGYPTIAN HIEROGLYPH O041
- 1328F  EGYPTIAN HIEROGLYPH O042
- 13290  EGYPTIAN HIEROGLYPH O043  
• older variant of 1328F 
- 13291  EGYPTIAN HIEROGLYPH O044
- 13292  EGYPTIAN HIEROGLYPH O045
- 13293  EGYPTIAN HIEROGLYPH O046
- 13294  EGYPTIAN HIEROGLYPH O047
- 13295  EGYPTIAN HIEROGLYPH O048
- 13296  EGYPTIAN HIEROGLYPH O049
- 13297  EGYPTIAN HIEROGLYPH O050
- 13298  EGYPTIAN HIEROGLYPH O050A
- 13299  EGYPTIAN HIEROGLYPH O050B  
• mirrored version of 13298 
- 1329A  EGYPTIAN HIEROGLYPH O051

**P. Ships and parts of ships**

- 1329B  EGYPTIAN HIEROGLYPH P001  
• classifier 'ship, travel'
- 1329C  EGYPTIAN HIEROGLYPH P001A  
• classifier 'upset, overturn'
- 1329D  EGYPTIAN HIEROGLYPH P002
- 1329E  EGYPTIAN HIEROGLYPH P003  
• sacred ship
- 1329F  EGYPTIAN HIEROGLYPH P003A  
• mirrored variant of 1329E 
- 132A0  EGYPTIAN HIEROGLYPH P004
- 132A1  EGYPTIAN HIEROGLYPH P005
- 132A2  EGYPTIAN HIEROGLYPH P006
- 132A3  EGYPTIAN HIEROGLYPH P007
- 132A4  EGYPTIAN HIEROGLYPH P008  
~ 132A4 FE01 rotated 180 degrees  
~ 132A4 FE02 rotated 270 degrees
- 132A5  EGYPTIAN HIEROGLYPH P009
- 132A6  EGYPTIAN HIEROGLYPH P010
- 132A7  EGYPTIAN HIEROGLYPH P011  
• mooring post  
• not to be confused with 131E9  or 1342A 

**Q. Domestic and funerary furniture**

- 132A8  EGYPTIAN HIEROGLYPH Q001
- 132A9  EGYPTIAN HIEROGLYPH Q002
- 132AA  EGYPTIAN HIEROGLYPH Q003  
• transliterated as p  
~ 132AA FE00 rotated 90 degrees
- 132AB  EGYPTIAN HIEROGLYPH Q004
- 132AC  EGYPTIAN HIEROGLYPH Q005
- 132AD  EGYPTIAN HIEROGLYPH Q006
- 132AE  EGYPTIAN HIEROGLYPH Q007

**R. Temple furniture and sacred emblems**

- 132AF  EGYPTIAN HIEROGLYPH R001
- 132B0  EGYPTIAN HIEROGLYPH R002
- 132B1  EGYPTIAN HIEROGLYPH R002A
- 132B2  EGYPTIAN HIEROGLYPH R003
- 132B3  EGYPTIAN HIEROGLYPH R003A
- 132B4  EGYPTIAN HIEROGLYPH R003B
- 132B5  EGYPTIAN HIEROGLYPH R004
- 132B6  EGYPTIAN HIEROGLYPH R005
- 132B7  EGYPTIAN HIEROGLYPH R006
- 132B8  EGYPTIAN HIEROGLYPH R007
- 132B9  EGYPTIAN HIEROGLYPH R008
- 132BA  EGYPTIAN HIEROGLYPH R009
- 132BB  EGYPTIAN HIEROGLYPH R010
- 132BC  EGYPTIAN HIEROGLYPH R010A
- 132BD  EGYPTIAN HIEROGLYPH R011
- 132BE  EGYPTIAN HIEROGLYPH R012
- 132BF  EGYPTIAN HIEROGLYPH R013
- 132C0  EGYPTIAN HIEROGLYPH R014
- 132C1  EGYPTIAN HIEROGLYPH R015
- 132C2  EGYPTIAN HIEROGLYPH R016
- 132C3  EGYPTIAN HIEROGLYPH R016A
- 132C4  EGYPTIAN HIEROGLYPH R017
- 132C5  EGYPTIAN HIEROGLYPH R018
- 132C6  EGYPTIAN HIEROGLYPH R019
- 132C7  EGYPTIAN HIEROGLYPH R020
- 132C8  EGYPTIAN HIEROGLYPH R021
- 132C9  EGYPTIAN HIEROGLYPH R022
- 132CA  EGYPTIAN HIEROGLYPH R023
- 132CB  EGYPTIAN HIEROGLYPH R024  
~ 132CB FE00 rotated 90 degrees
- 132CC  EGYPTIAN HIEROGLYPH R025
- 132CD  EGYPTIAN HIEROGLYPH R026
- 132CE  EGYPTIAN HIEROGLYPH R027
- 132CF  EGYPTIAN HIEROGLYPH R028
- 132D0  EGYPTIAN HIEROGLYPH R029

**S. Crowns, dress, staves, etc.**

- 132D1  EGYPTIAN HIEROGLYPH S001
- 132D2  EGYPTIAN HIEROGLYPH S002
- 132D3  EGYPTIAN HIEROGLYPH S002A
- 132D4  EGYPTIAN HIEROGLYPH S003
- 132D5  EGYPTIAN HIEROGLYPH S004
- 132D6  EGYPTIAN HIEROGLYPH S005
- 132D7  EGYPTIAN HIEROGLYPH S006
- 132D8  EGYPTIAN HIEROGLYPH S006A
- 132D9  EGYPTIAN HIEROGLYPH S007
- 132DA  EGYPTIAN HIEROGLYPH S008
- 132DB  EGYPTIAN HIEROGLYPH S009
- 132DC  EGYPTIAN HIEROGLYPH S010  
~ 132DC FE00 rotated 90 degrees
- 132DD  EGYPTIAN HIEROGLYPH S011
- 132DE  EGYPTIAN HIEROGLYPH S012
- 132DF  EGYPTIAN HIEROGLYPH S013
- 132E0  EGYPTIAN HIEROGLYPH S014
- 132E1  EGYPTIAN HIEROGLYPH S014A
- 132E2  EGYPTIAN HIEROGLYPH S014B
- 132E3  EGYPTIAN HIEROGLYPH S015
- 132E4  EGYPTIAN HIEROGLYPH S016
- 132E5  EGYPTIAN HIEROGLYPH S017
- 132E6  EGYPTIAN HIEROGLYPH S017A

|                                      |  |                                                                                                  |
|--------------------------------------|--|--------------------------------------------------------------------------------------------------|
| 132E7                                |  | EGYPTIAN HIEROGLYPH S018<br>~ 132E7 FE00 rotated 90 degrees<br>~ 132E7 FE02 rotated 270 degrees  |
| 132E8                                |  | EGYPTIAN HIEROGLYPH S019                                                                         |
| 132E9                                |  | EGYPTIAN HIEROGLYPH S020<br>~ 132E9 FE02 rotated 270 degrees                                     |
| 132EA                                |  | EGYPTIAN HIEROGLYPH S021                                                                         |
| 132EB                                |  | EGYPTIAN HIEROGLYPH S022                                                                         |
| 132EC                                |  | EGYPTIAN HIEROGLYPH S023                                                                         |
| 132ED                                |  | EGYPTIAN HIEROGLYPH S024                                                                         |
| 132EE                                |  | EGYPTIAN HIEROGLYPH S025                                                                         |
| 132EF                                |  | EGYPTIAN HIEROGLYPH S026                                                                         |
| 132F0                                |  | EGYPTIAN HIEROGLYPH S026A<br>• loin-cloth<br>• not to be confused with 13200 , 133D4 , or 133F3  |
| 132F1                                |  | EGYPTIAN HIEROGLYPH S026B                                                                        |
| 132F2                                |  | EGYPTIAN HIEROGLYPH S027                                                                         |
| 132F3                                |  | EGYPTIAN HIEROGLYPH S028                                                                         |
| 132F4                                |  | EGYPTIAN HIEROGLYPH S029<br>• transliterated as s or as z<br>→ 13283  egyptian hieroglyph o034   |
| 132F5                                |  | EGYPTIAN HIEROGLYPH S030                                                                         |
| 132F6                                |  | EGYPTIAN HIEROGLYPH S031                                                                         |
| 132F7                                |  | EGYPTIAN HIEROGLYPH S032                                                                         |
| 132F8                                |  | EGYPTIAN HIEROGLYPH S033<br>~ 132F8 FE02 rotated 270 degrees                                     |
| 132F9                                |  | EGYPTIAN HIEROGLYPH S034                                                                         |
| 132FA                                |  | EGYPTIAN HIEROGLYPH S035                                                                         |
| 132FB                                |  | EGYPTIAN HIEROGLYPH S035A<br>• variant of 132FA                                                  |
| 132FC                                |  | EGYPTIAN HIEROGLYPH S036<br>• older variant of 132FA                                             |
| 132FD                                |  | EGYPTIAN HIEROGLYPH S037<br>~ 132FD FE02 rotated 270 degrees                                     |
| 132FE                                |  | EGYPTIAN HIEROGLYPH S038                                                                         |
| 132FF                                |  | EGYPTIAN HIEROGLYPH S039                                                                         |
| 13300                                |  | EGYPTIAN HIEROGLYPH S040<br>• phonogram 'wss'                                                    |
| 13301                                |  | EGYPTIAN HIEROGLYPH S041<br>• phonogram 'dsm'                                                    |
| 13302                                |  | EGYPTIAN HIEROGLYPH S042<br>~ 13302 FE02 rotated 270 degrees                                     |
| 13303                                |  | EGYPTIAN HIEROGLYPH S043<br>~ 13303 FE02 rotated 270 degrees                                     |
| 13304                                |  | EGYPTIAN HIEROGLYPH S044                                                                         |
| 13305                                |  | EGYPTIAN HIEROGLYPH S045                                                                         |
| 13306                                |  | EGYPTIAN HIEROGLYPH S046                                                                         |
| <b>T. Warfare, hunting, butchery</b> |  |                                                                                                  |
| 13307                                |  | EGYPTIAN HIEROGLYPH T001<br>~ 13307 FE00 rotated 90 degrees                                      |
| 13308                                |  | EGYPTIAN HIEROGLYPH T002<br>• classifier 'striking, hitting'<br>~ 13308 FE01 rotated 180 degrees |
| 13309                                |  | EGYPTIAN HIEROGLYPH T003<br>• classifier 'mace'                                                  |
| 1330A                                |  | EGYPTIAN HIEROGLYPH T003A                                                                        |
| 1330B                                |  | EGYPTIAN HIEROGLYPH T004                                                                         |
| 1330C                                |  | EGYPTIAN HIEROGLYPH T005                                                                         |
| 1330D                                |  | EGYPTIAN HIEROGLYPH T006                                                                         |
| 1330E                                |  | EGYPTIAN HIEROGLYPH T007                                                                         |
| 1330F                                |  | EGYPTIAN HIEROGLYPH T007A                                                                        |
| 13310                                |  | EGYPTIAN HIEROGLYPH T008<br>• older variant of 13311                                             |
| 13311                                |  | EGYPTIAN HIEROGLYPH T008A<br>~ 13311 FE02 rotated 270 degrees                                    |
| 13312                                |  | EGYPTIAN HIEROGLYPH T009<br>~ 13312 FE01 rotated 180 degrees<br>~ 13312 FE02 rotated 270 degrees |
| 13313                                |  | EGYPTIAN HIEROGLYPH T009A<br>• older variant of 13312                                            |
| 13314                                |  | EGYPTIAN HIEROGLYPH T010<br>~ 13314 FE01 rotated 180 degrees<br>~ 13314 FE02 rotated 270 degrees |
| 13315                                |  | EGYPTIAN HIEROGLYPH T011                                                                         |
| 13316                                |  | EGYPTIAN HIEROGLYPH T011A                                                                        |
| 13317                                |  | EGYPTIAN HIEROGLYPH T012                                                                         |
| 13318                                |  | EGYPTIAN HIEROGLYPH T013                                                                         |
| 13319                                |  | EGYPTIAN HIEROGLYPH T014                                                                         |
| 1331A                                |  | EGYPTIAN HIEROGLYPH T015<br>• older variant of 13319                                             |
| 1331B                                |  | EGYPTIAN HIEROGLYPH T016<br>~ 1331B FE00 rotated 90 degrees<br>~ 1331B FE01 rotated 180 degrees  |
| 1331C                                |  | EGYPTIAN HIEROGLYPH T016A<br>~ 1331C FE02 rotated 270 degrees                                    |
| 1331D                                |  | EGYPTIAN HIEROGLYPH T017                                                                         |
| 1331E                                |  | EGYPTIAN HIEROGLYPH T018                                                                         |
| 1331F                                |  | EGYPTIAN HIEROGLYPH T019                                                                         |
| 13320                                |  | EGYPTIAN HIEROGLYPH T020<br>• older variant of 1331F                                             |
| 13321                                |  | EGYPTIAN HIEROGLYPH T021<br>~ 13321 FE01 rotated 180 degrees<br>~ 13321 FE02 rotated 270 degrees |
| 13322                                |  | EGYPTIAN HIEROGLYPH T022<br>~ 13322 FE00 rotated 90 degrees<br>~ 13322 FE01 rotated 180 degrees  |
| 13323                                |  | EGYPTIAN HIEROGLYPH T023<br>• more recent variant of 13322                                       |
| 13324                                |  | EGYPTIAN HIEROGLYPH T024                                                                         |
| 13325                                |  | EGYPTIAN HIEROGLYPH T025                                                                         |
| 13326                                |  | EGYPTIAN HIEROGLYPH T026                                                                         |
| 13327                                |  | EGYPTIAN HIEROGLYPH T027<br>• older variant of 13326                                             |
| 13328                                |  | EGYPTIAN HIEROGLYPH T028                                                                         |
| 13329                                |  | EGYPTIAN HIEROGLYPH T029                                                                         |
| 1332A                                |  | EGYPTIAN HIEROGLYPH T030<br>• classifier 'knife, cutting'                                        |
| 1332B                                |  | EGYPTIAN HIEROGLYPH T031<br>• phonogram 'sšm'                                                    |
| 1332C                                |  | EGYPTIAN HIEROGLYPH T032                                                                         |
| 1332D                                |  | EGYPTIAN HIEROGLYPH T032A                                                                        |
| 1332E                                |  | EGYPTIAN HIEROGLYPH T033<br>• older variant of 13326                                             |
| 1332F                                |  | EGYPTIAN HIEROGLYPH T033A                                                                        |
| 13330                                |  | EGYPTIAN HIEROGLYPH T034                                                                         |
| 13331                                |  | EGYPTIAN HIEROGLYPH T035<br>• variant of 13330                                                   |
| 13332                                |  | EGYPTIAN HIEROGLYPH T036<br>~ 13331 FE01 rotated 180 degrees<br>~ 13331 FE02 rotated 270 degrees |

**U. Agriculture, crafts, and professions**

- 13333  EGYPTIAN HIEROGLYPH U001
- 13334  EGYPTIAN HIEROGLYPH U002  
• stylistic variant of 13333 
- 13335  EGYPTIAN HIEROGLYPH U003
- 13336  EGYPTIAN HIEROGLYPH U004
- 13337  EGYPTIAN HIEROGLYPH U005  
• stylistic variant of 13336 
- 13338  EGYPTIAN HIEROGLYPH U006
- 13339  EGYPTIAN HIEROGLYPH U006A  
• stylistic variant of 13338 
- 1333A  EGYPTIAN HIEROGLYPH U006B  
• mirrored version of 13339 
- 1333B  EGYPTIAN HIEROGLYPH U007  
• variant of 13338   
~ 1333B FE00 rotated 90 degrees
- 1333C  EGYPTIAN HIEROGLYPH U008  
• variant of 1333B   
~ 1333C FE00 rotated 90 degrees
- 1333D  EGYPTIAN HIEROGLYPH U009
- 1333E  EGYPTIAN HIEROGLYPH U010
- 1333F  EGYPTIAN HIEROGLYPH U011
- 13340  EGYPTIAN HIEROGLYPH U012
- 13341  EGYPTIAN HIEROGLYPH U013
- 13342  EGYPTIAN HIEROGLYPH U014
- 13343  EGYPTIAN HIEROGLYPH U015
- 13344  EGYPTIAN HIEROGLYPH U016
- 13345  EGYPTIAN HIEROGLYPH U017
- 13346  EGYPTIAN HIEROGLYPH U018  
• variant of 13345 
- 13347  EGYPTIAN HIEROGLYPH U019
- 13348  EGYPTIAN HIEROGLYPH U020  
• older variant of 13347 
- 13349  EGYPTIAN HIEROGLYPH U021
- 1334A  EGYPTIAN HIEROGLYPH U022  
~ 1334A FE02 rotated 270 degrees
- 1334B  EGYPTIAN HIEROGLYPH U023
- 1334C  EGYPTIAN HIEROGLYPH U023A  
• stylistic variant of 1334B 
- 1334D  EGYPTIAN HIEROGLYPH U024
- 1334E  EGYPTIAN HIEROGLYPH U025  
• older variant of 1334D 
- 1334F  EGYPTIAN HIEROGLYPH U026
- 13350  EGYPTIAN HIEROGLYPH U027  
• older variant of 1334F 
- 13351  EGYPTIAN HIEROGLYPH U028
- 13352  EGYPTIAN HIEROGLYPH U029  
• older variant of 13351 
- 13353  EGYPTIAN HIEROGLYPH U029A
- 13354  EGYPTIAN HIEROGLYPH U030
- 13355  EGYPTIAN HIEROGLYPH U031
- 13356  EGYPTIAN HIEROGLYPH U032
- 13357  EGYPTIAN HIEROGLYPH U032A
- 13358  EGYPTIAN HIEROGLYPH U033
- 13359  EGYPTIAN HIEROGLYPH U034
- 1335A  EGYPTIAN HIEROGLYPH U035
- 1335B  EGYPTIAN HIEROGLYPH U036
- 1335C  EGYPTIAN HIEROGLYPH U037
- 1335D  EGYPTIAN HIEROGLYPH U038
- 1335E  EGYPTIAN HIEROGLYPH U039
- 1335F  EGYPTIAN HIEROGLYPH U040  
• cursive variant of 1335E 

- 13360  EGYPTIAN HIEROGLYPH U041
- 13361  EGYPTIAN HIEROGLYPH U042  
• pitchfork  
• not to be confused with 1327D   
~ 13361 FE02 rotated 270 degrees

**V. Rope, fiber, baskets, bags, etc.**

- 13362  EGYPTIAN HIEROGLYPH V001  
• 100  
• classifier 'cord, rope'  
• not to be confused with 133F2 
- 13363  EGYPTIAN HIEROGLYPH V001A  
• 200
- 13364  EGYPTIAN HIEROGLYPH V001B  
• 300
- 13365  EGYPTIAN HIEROGLYPH V001C  
• 400
- 13366  EGYPTIAN HIEROGLYPH V001D  
• 500
- 13367  EGYPTIAN HIEROGLYPH V001E  
• 600
- 13368  EGYPTIAN HIEROGLYPH V001F  
• 700
- 13369  EGYPTIAN HIEROGLYPH V001G  
• 800
- 1336A  EGYPTIAN HIEROGLYPH V001H  
• 900
- 1336B  EGYPTIAN HIEROGLYPH V001I  
• 500
- 1336C  EGYPTIAN HIEROGLYPH V002
- 1336D  EGYPTIAN HIEROGLYPH V002A
- 1336E  EGYPTIAN HIEROGLYPH V003
- 1336F  EGYPTIAN HIEROGLYPH V004
- 13370  EGYPTIAN HIEROGLYPH V005
- 13371  EGYPTIAN HIEROGLYPH V006  
• phonogram 'ss'
- 13372  EGYPTIAN HIEROGLYPH V007  
• phonogram 'sn'
- 13373  EGYPTIAN HIEROGLYPH V007A  
~ 13373 FE02 rotated 270 degrees
- 13374  EGYPTIAN HIEROGLYPH V007B
- 13375  EGYPTIAN HIEROGLYPH V008
- 13376  EGYPTIAN HIEROGLYPH V009
- 13377  EGYPTIAN HIEROGLYPH V010  
• logogram 'name'  
~ 13377 FE00 rotated 90 degrees
- 13378  EGYPTIAN HIEROGLYPH V011  
• classifier 'restrain, split'  
→ 1342F  egyptian hieroglyph v011d  
~ 13378 FE00 rotated 90 degrees
- 13379  EGYPTIAN HIEROGLYPH V011A  
• beginning of cartouche
- 1337A  EGYPTIAN HIEROGLYPH V011B  
• end of cartouche
- 1337B  EGYPTIAN HIEROGLYPH V011C  
• end of knotless cartouche
- 1337C  EGYPTIAN HIEROGLYPH V012
- 1337D  EGYPTIAN HIEROGLYPH V012A  
~ 1337D FE02 rotated 270 degrees
- 1337E  EGYPTIAN HIEROGLYPH V012B
- 1337F  EGYPTIAN HIEROGLYPH V013  
• transliterated as 1E6F 



|       |  |                                  |
|-------|--|----------------------------------|
| 13380 |  | EGYPTIAN HIEROGLYPH V014         |
|       |  | • variant of 1337F               |
| 13381 |  | EGYPTIAN HIEROGLYPH V015         |
| 13382 |  | EGYPTIAN HIEROGLYPH V016         |
| 13383 |  | EGYPTIAN HIEROGLYPH V017         |
| 13384 |  | EGYPTIAN HIEROGLYPH V018         |
|       |  | • older variant of 13383         |
| 13385 |  | EGYPTIAN HIEROGLYPH V019         |
|       |  | ~ 13385 FE02 rotated 270 degrees |
| 13386 |  | EGYPTIAN HIEROGLYPH V020         |
|       |  | • 10                             |
|       |  | • not to be confused with 133AD  |
| 13387 |  | EGYPTIAN HIEROGLYPH V020A        |
|       |  | • 20                             |
|       |  | • not to be confused with 133AE  |
| 13388 |  | EGYPTIAN HIEROGLYPH V020B        |
|       |  | • 30                             |
| 13389 |  | EGYPTIAN HIEROGLYPH V020C        |
|       |  | • 40                             |
| 1338A |  | EGYPTIAN HIEROGLYPH V020D        |
|       |  | • 50                             |
| 1338B |  | EGYPTIAN HIEROGLYPH V020E        |
|       |  | • 60                             |
| 1338C |  | EGYPTIAN HIEROGLYPH V020F        |
|       |  | • 70                             |
| 1338D |  | EGYPTIAN HIEROGLYPH V020G        |
|       |  | • 80                             |
| 1338E |  | EGYPTIAN HIEROGLYPH V020H        |
|       |  | • 90                             |
| 1338F |  | EGYPTIAN HIEROGLYPH V020I        |
|       |  | • 20                             |
|       |  | • variant of 13387               |
| 13390 |  | EGYPTIAN HIEROGLYPH V020J        |
|       |  | • 30                             |
|       |  | • variant of 13388               |
| 13391 |  | EGYPTIAN HIEROGLYPH V020K        |
|       |  | • 40                             |
|       |  | • variant of 13389               |
| 13392 |  | EGYPTIAN HIEROGLYPH V020L        |
|       |  | • 50                             |
|       |  | • variant of 1338A               |
| 13393 |  | EGYPTIAN HIEROGLYPH V021         |
| 13394 |  | EGYPTIAN HIEROGLYPH V022         |
| 13395 |  | EGYPTIAN HIEROGLYPH V023         |
|       |  | • older variant of 13394         |
| 13396 |  | EGYPTIAN HIEROGLYPH V023A        |
| 13397 |  | EGYPTIAN HIEROGLYPH V024         |
| 13398 |  | EGYPTIAN HIEROGLYPH V025         |
|       |  | • more recent variant of 13397   |
| 13399 |  | EGYPTIAN HIEROGLYPH V026         |
|       |  | ~ 13399 FE00 rotated 90 degrees  |
| 1339A |  | EGYPTIAN HIEROGLYPH V027         |
|       |  | • older variant of 13399         |
|       |  | ~ 1339A FE00 rotated 90 degrees  |
| 1339B |  | EGYPTIAN HIEROGLYPH V028         |
|       |  | • transliterated as 1E25         |
|       |  | → 062D                           |
| 1339C |  | EGYPTIAN HIEROGLYPH V028A        |
| 1339D |  | EGYPTIAN HIEROGLYPH V029         |
| 1339E |  | EGYPTIAN HIEROGLYPH V029A        |
| 1339F |  | EGYPTIAN HIEROGLYPH V030         |

|       |  |                                   |
|-------|--|-----------------------------------|
| 133A0 |  | EGYPTIAN HIEROGLYPH V030A         |
|       |  | • stylistic variant, use of 1339F |
| 133A1 |  | EGYPTIAN HIEROGLYPH V031          |
|       |  | • transliterated as k             |
|       |  | → 05DB                            |
|       |  | → 0643                            |
| 133A2 |  | EGYPTIAN HIEROGLYPH V031A         |
|       |  | • from hieratic                   |
| 133A3 |  | EGYPTIAN HIEROGLYPH V032          |
| 133A4 |  | EGYPTIAN HIEROGLYPH V033          |
| 133A5 |  | EGYPTIAN HIEROGLYPH V033A         |
| 133A6 |  | EGYPTIAN HIEROGLYPH V034          |
|       |  | • more recent variant of 133A4    |
| 133A7 |  | EGYPTIAN HIEROGLYPH V035          |
| 133A8 |  | EGYPTIAN HIEROGLYPH V036          |
| 133A9 |  | EGYPTIAN HIEROGLYPH V037          |
| 133AA |  | EGYPTIAN HIEROGLYPH V037A         |
| 133AB |  | EGYPTIAN HIEROGLYPH V038          |
|       |  | • bandage                         |
|       |  | • not to be confused with 1308B   |
| 133AC |  | EGYPTIAN HIEROGLYPH V039          |
| 133AD |  | EGYPTIAN HIEROGLYPH V040          |
|       |  | • 10 in dates                     |
|       |  | • not to be confused with 13386   |
| 133AE |  | EGYPTIAN HIEROGLYPH V040A         |
|       |  | • 20 in dates                     |
|       |  | • not to be confused with 13387   |

## W. Vessels of stone and earthenware

|       |  |                                   |
|-------|--|-----------------------------------|
| 133AF |  | EGYPTIAN HIEROGLYPH W001          |
|       |  | ~ 133AF FE02 rotated 270 degrees  |
| 133B0 |  | EGYPTIAN HIEROGLYPH W002          |
|       |  | ~ 133B0 FE02 rotated 270 degrees  |
| 133B1 |  | EGYPTIAN HIEROGLYPH W003          |
| 133B2 |  | EGYPTIAN HIEROGLYPH W003A         |
|       |  | • stylistic variant, use of 133B1 |
| 133B3 |  | EGYPTIAN HIEROGLYPH W004          |
| 133B4 |  | EGYPTIAN HIEROGLYPH W005          |
| 133B5 |  | EGYPTIAN HIEROGLYPH W006          |
| 133B6 |  | EGYPTIAN HIEROGLYPH W007          |
| 133B7 |  | EGYPTIAN HIEROGLYPH W008          |
| 133B8 |  | EGYPTIAN HIEROGLYPH W009          |
| 133B9 |  | EGYPTIAN HIEROGLYPH W009A         |
|       |  | • mirrored version of 133B8       |
| 133BA |  | EGYPTIAN HIEROGLYPH W010          |
| 133BB |  | EGYPTIAN HIEROGLYPH W010A         |
| 133BC |  | EGYPTIAN HIEROGLYPH W011          |
|       |  | • transliterated as g             |
| 133BD |  | EGYPTIAN HIEROGLYPH W012          |
|       |  | • older variant of 133BC          |
| 133BE |  | EGYPTIAN HIEROGLYPH W013          |
| 133BF |  | EGYPTIAN HIEROGLYPH W014          |
|       |  | ~ 133BF FE02 rotated 270 degrees  |
| 133C0 |  | EGYPTIAN HIEROGLYPH W014A         |
| 133C1 |  | EGYPTIAN HIEROGLYPH W015          |
| 133C2 |  | EGYPTIAN HIEROGLYPH W016          |
| 133C3 |  | EGYPTIAN HIEROGLYPH W017          |
| 133C4 |  | EGYPTIAN HIEROGLYPH W017A         |
|       |  | • cursive variant of 133C3        |
| 133C5 |  | EGYPTIAN HIEROGLYPH W018          |
|       |  | • older variant of 133C3          |
| 133C6 |  | EGYPTIAN HIEROGLYPH W018A         |
|       |  | • cursive variant of 133C5        |

|       |  |                             |
|-------|--|-----------------------------|
| 133C7 |  | EGYPTIAN HIEROGLYPH W019    |
| 133C8 |  | EGYPTIAN HIEROGLYPH W020    |
| 133C9 |  | EGYPTIAN HIEROGLYPH W021    |
| 133CA |  | EGYPTIAN HIEROGLYPH W022    |
| 133CB |  | EGYPTIAN HIEROGLYPH W023    |
| 133CC |  | EGYPTIAN HIEROGLYPH W024    |
|       |  | • phonogram 'nw'            |
| 133CD |  | EGYPTIAN HIEROGLYPH W024A   |
|       |  | • monogram 'nw(n)' or 'nww' |
| 133CE |  | EGYPTIAN HIEROGLYPH W025    |

**X. Loaves and cakes**

|       |  |                                             |
|-------|--|---------------------------------------------|
| 133CF |  | EGYPTIAN HIEROGLYPH X001                    |
|       |  | • transliterated as t                       |
| 133D0 |  | EGYPTIAN HIEROGLYPH X002                    |
| 133D1 |  | EGYPTIAN HIEROGLYPH X003                    |
|       |  | • variant of 133D0                          |
| 133D2 |  | EGYPTIAN HIEROGLYPH X004                    |
| 133D3 |  | EGYPTIAN HIEROGLYPH X004A                   |
|       |  | • variant of 133D2                          |
|       |  | ~ 133D3 FE00 rotated 90 degrees             |
| 133D4 |  | EGYPTIAN HIEROGLYPH X004B                   |
|       |  | • cake                                      |
|       |  | • variant of 133D2                          |
|       |  | • not to be confused with 13200<br>or 133F3 |
| 133D5 |  | EGYPTIAN HIEROGLYPH X005                    |
|       |  | • hieratic                                  |
|       |  | • variant of 133D4                          |
| 133D6 |  | EGYPTIAN HIEROGLYPH X006                    |
| 133D7 |  | EGYPTIAN HIEROGLYPH X006A                   |
| 133D8 |  | EGYPTIAN HIEROGLYPH X007                    |
|       |  | • classifier 'food'                         |
|       |  | • not to be confused with 1320E             |
| 133D9 |  | EGYPTIAN HIEROGLYPH X008                    |
| 133DA |  | EGYPTIAN HIEROGLYPH X008A                   |
|       |  | • bread                                     |
|       |  | • variant of 133D9                          |
|       |  | • not to be confused with 131EE             |

**Y. Writings, games, music**

|       |  |                                  |
|-------|--|----------------------------------|
| 133DB |  | EGYPTIAN HIEROGLYPH Y001         |
| 133DC |  | EGYPTIAN HIEROGLYPH Y001A        |
|       |  | • rotated variant of 133DB       |
| 133DD |  | EGYPTIAN HIEROGLYPH Y002         |
|       |  | • older variant of 133DB         |
|       |  | ~ 133DD FE02 rotated 270 degrees |
| 133DE |  | EGYPTIAN HIEROGLYPH Y003         |
| 133DF |  | EGYPTIAN HIEROGLYPH Y004         |
|       |  | • mirrored version of 133DE      |
| 133E0 |  | EGYPTIAN HIEROGLYPH Y005         |
| 133E1 |  | EGYPTIAN HIEROGLYPH Y006         |
| 133E2 |  | EGYPTIAN HIEROGLYPH Y007         |
| 133E3 |  | EGYPTIAN HIEROGLYPH Y008         |

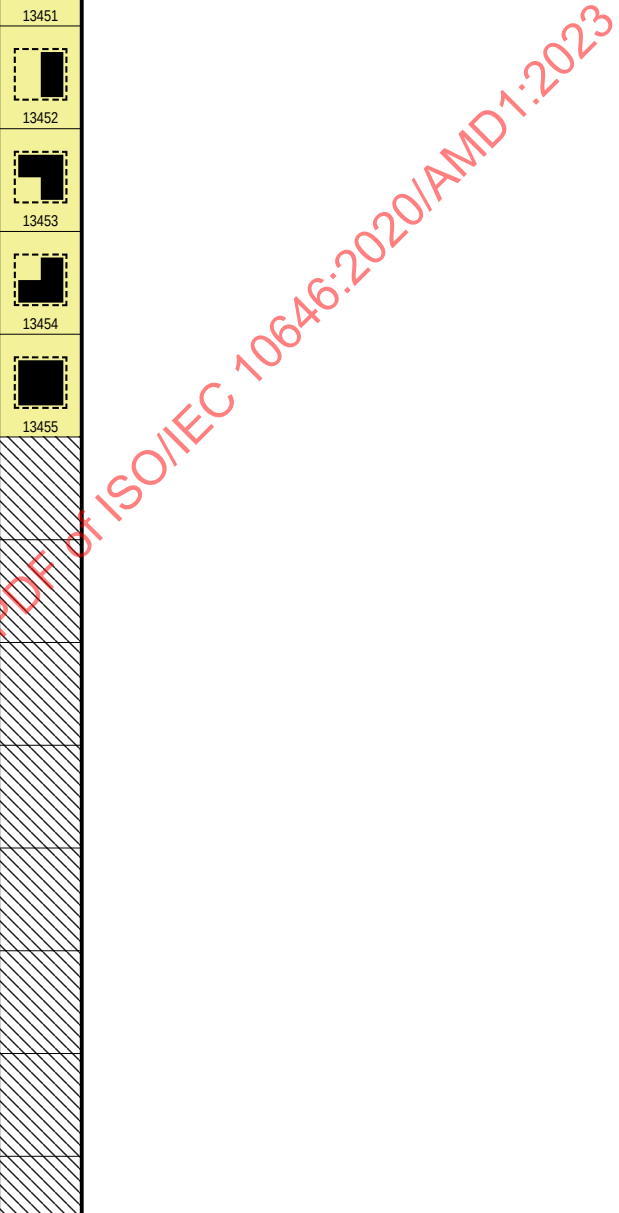
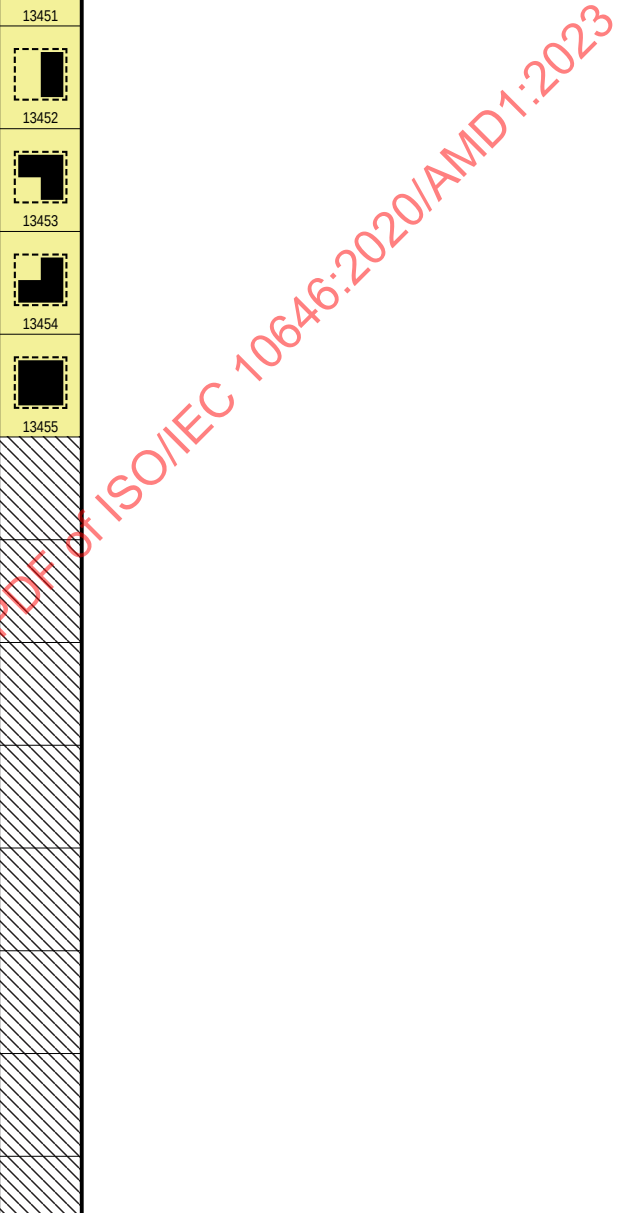
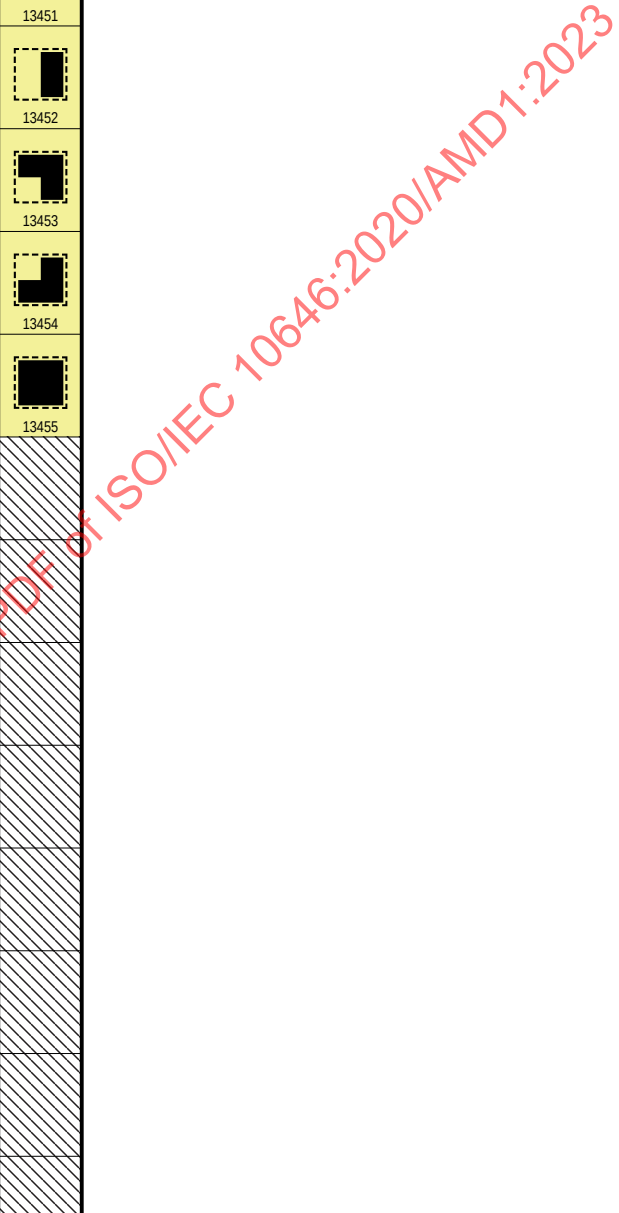
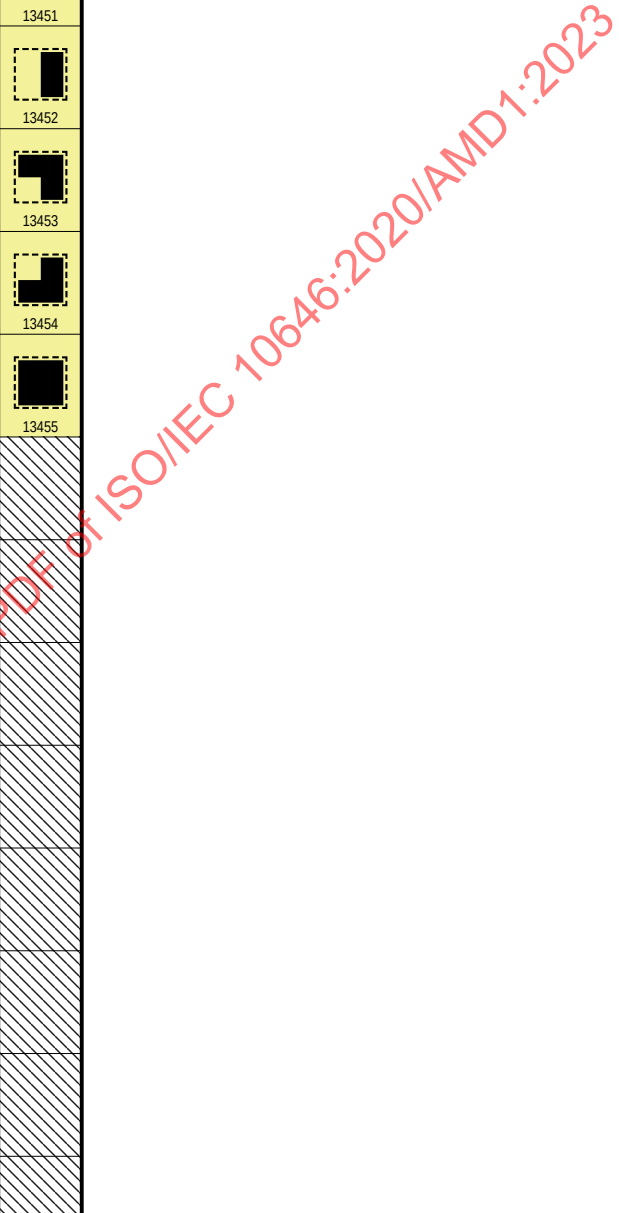
**Z. Strokes, signs derived from Hieratic, geometrical figures**

|       |  |                                 |
|-------|--|---------------------------------|
| 133E4 |  | EGYPTIAN HIEROGLYPH Z001        |
|       |  | • semogram index                |
|       |  | • classifier 'single'           |
|       |  | • not to be confused with 133FA |
| 133E5 |  | EGYPTIAN HIEROGLYPH Z002        |
|       |  | • classifier 'plural'           |
|       |  | • not to be confused with 133FC |

|       |  |                                             |
|-------|--|---------------------------------------------|
| 133E6 |  | EGYPTIAN HIEROGLYPH Z002A                   |
|       |  | • stylistic variant of 133E5                |
| 133E7 |  | EGYPTIAN HIEROGLYPH Z002B                   |
|       |  | • classifier 'plural'                       |
|       |  | • not to be confused with 13213             |
| 133E8 |  | EGYPTIAN HIEROGLYPH Z002C                   |
|       |  | • variant of 133E6                          |
| 133E9 |  | EGYPTIAN HIEROGLYPH Z002D                   |
|       |  | • variant of 133E8                          |
| 133EA |  | EGYPTIAN HIEROGLYPH Z003                    |
|       |  | • variant of 133E5                          |
| 133EB |  | EGYPTIAN HIEROGLYPH Z003A                   |
|       |  | • variant of 133EA                          |
| 133EC |  | EGYPTIAN HIEROGLYPH Z003B                   |
|       |  | • variant of 133E7                          |
| 133ED |  | EGYPTIAN HIEROGLYPH Z004                    |
|       |  | • classifier 'dual'                         |
|       |  | • transliterated as y                       |
|       |  | → 131CC                                     |
| 133EE |  | EGYPTIAN HIEROGLYPH Z004A                   |
|       |  | • variant of 133ED                          |
|       |  | • classifier 'dual'                         |
|       |  | • transliterated as y                       |
|       |  | • not to be confused with 133FB             |
| 133EF |  | EGYPTIAN HIEROGLYPH Z005                    |
| 133F0 |  | EGYPTIAN HIEROGLYPH Z005A                   |
|       |  | • variant of 133EF                          |
| 133F1 |  | EGYPTIAN HIEROGLYPH Z006                    |
| 133F2 |  | EGYPTIAN HIEROGLYPH Z007                    |
|       |  | • phonogram 'w'                             |
|       |  | • not to be confused with 13362             |
|       |  | ~ 133F2 FE00 rotated 90 degrees             |
| 133F3 |  | EGYPTIAN HIEROGLYPH Z008                    |
|       |  | • oval                                      |
|       |  | • not to be confused with 13200<br>or 133D4 |
| 133F4 |  | EGYPTIAN HIEROGLYPH Z009                    |
| 133F5 |  | EGYPTIAN HIEROGLYPH Z010                    |
|       |  | • older variant of 133F4                    |
|       |  | ~ 133F5 FE00 rotated 90 degrees             |
| 133F6 |  | EGYPTIAN HIEROGLYPH Z011                    |
|       |  | ~ 133F6 FE00 rotated 90 degrees             |
| 133F7 |  | EGYPTIAN HIEROGLYPH Z012                    |
|       |  | • hieratic                                  |
| 133F8 |  | EGYPTIAN HIEROGLYPH Z013                    |
|       |  | • circle, unmarked round sign               |
|       |  | • not to be confused with 13082<br>or 131F3 |
| 133F9 |  | EGYPTIAN HIEROGLYPH Z014                    |
|       |  | • hieratic                                  |
| 133FA |  | EGYPTIAN HIEROGLYPH Z015                    |
|       |  | • 1                                         |
|       |  | • not to be confused with 133E4             |
| 133FB |  | EGYPTIAN HIEROGLYPH Z015A                   |
|       |  | • 2                                         |
|       |  | • not to be confused with 133EE             |
| 133FC |  | EGYPTIAN HIEROGLYPH Z015B                   |
|       |  | • 3                                         |
|       |  | • not to be confused with 133E5<br>→ 133EA  |
| 133FD |  | EGYPTIAN HIEROGLYPH Z015C                   |
|       |  | • 4                                         |
| 133FE |  | EGYPTIAN HIEROGLYPH Z015D                   |
|       |  | • 5                                         |

|                                                                           |  |                                                                                                                                      |
|---------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|
| 133FF                                                                     |  | EGYPTIAN HIEROGLYPH Z015E<br>• 6                                                                                                     |
| 13400                                                                     |  | EGYPTIAN HIEROGLYPH Z015F<br>• 7                                                                                                     |
| 13401                                                                     |  | EGYPTIAN HIEROGLYPH Z015G<br>• 8                                                                                                     |
| 13402                                                                     |  | EGYPTIAN HIEROGLYPH Z015H<br>• 9                                                                                                     |
| 13403                                                                     |  | EGYPTIAN HIEROGLYPH Z015I<br>• 5<br>~ 13403 FE00 rotated 90 degrees                                                                  |
| 13404                                                                     |  | EGYPTIAN HIEROGLYPH Z016<br>• 1 in dates                                                                                             |
| 13405                                                                     |  | EGYPTIAN HIEROGLYPH Z016A<br>• 2 in dates                                                                                            |
| 13406                                                                     |  | EGYPTIAN HIEROGLYPH Z016B<br>• 3 in dates                                                                                            |
| 13407                                                                     |  | EGYPTIAN HIEROGLYPH Z016C<br>• 4 in dates                                                                                            |
| 13408                                                                     |  | EGYPTIAN HIEROGLYPH Z016D<br>• 5 in dates                                                                                            |
| 13409                                                                     |  | EGYPTIAN HIEROGLYPH Z016E<br>• 6 in dates                                                                                            |
| 1340A                                                                     |  | EGYPTIAN HIEROGLYPH Z016F<br>• 7 in dates                                                                                            |
| 1340B                                                                     |  | EGYPTIAN HIEROGLYPH Z016G<br>• 8 in dates                                                                                            |
| 1340C                                                                     |  | EGYPTIAN HIEROGLYPH Z016H<br>• 9 in dates                                                                                            |
| <b>Aa. Unclassified</b>                                                   |  |                                                                                                                                      |
| 1340D                                                                     |  | EGYPTIAN HIEROGLYPH AA001<br>• transliterated as 1E2B                                                                                |
| 1340E                                                                     |  | EGYPTIAN HIEROGLYPH AA002                                                                                                            |
| 1340F                                                                     |  | EGYPTIAN HIEROGLYPH AA003                                                                                                            |
| 13410                                                                     |  | EGYPTIAN HIEROGLYPH AA004                                                                                                            |
| 13411                                                                     |  | EGYPTIAN HIEROGLYPH AA005                                                                                                            |
| 13412                                                                     |  | EGYPTIAN HIEROGLYPH AA006                                                                                                            |
| 13413                                                                     |  | EGYPTIAN HIEROGLYPH AA007                                                                                                            |
| 13414                                                                     |  | EGYPTIAN HIEROGLYPH AA007A<br>• mirrored version of 13413                                                                            |
| 13415                                                                     |  | EGYPTIAN HIEROGLYPH AA007B                                                                                                           |
| 13416                                                                     |  | EGYPTIAN HIEROGLYPH AA008<br>~ 13416 FE00 rotated 90 degrees                                                                         |
| 13417                                                                     |  | EGYPTIAN HIEROGLYPH AA009                                                                                                            |
| 13418                                                                     |  | EGYPTIAN HIEROGLYPH AA010                                                                                                            |
| 13419                                                                     |  | EGYPTIAN HIEROGLYPH AA011<br>~ 13419 FE00 rotated 90 degrees<br>~ 13419 FE01 rotated 180 degrees<br>~ 13419 FE02 rotated 270 degrees |
| 1341A                                                                     |  | EGYPTIAN HIEROGLYPH AA012<br>• older variant of 13419                                                                                |
| 1341B                                                                     |  | EGYPTIAN HIEROGLYPH AA013                                                                                                            |
| 1341C                                                                     |  | EGYPTIAN HIEROGLYPH AA014<br>• older variant of 1341B                                                                                |
| 1341D                                                                     |  | EGYPTIAN HIEROGLYPH AA015                                                                                                            |
| 1341E                                                                     |  | EGYPTIAN HIEROGLYPH AA016<br>• variant of 1341D                                                                                      |
| 1341F                                                                     |  | EGYPTIAN HIEROGLYPH AA017                                                                                                            |
| 13420                                                                     |  | EGYPTIAN HIEROGLYPH AA018<br>• more recent variant of 1341F                                                                          |
| 13421                                                                     |  | EGYPTIAN HIEROGLYPH AA019                                                                                                            |
| 13422                                                                     |  | EGYPTIAN HIEROGLYPH AA020                                                                                                            |
| 13423                                                                     |  | EGYPTIAN HIEROGLYPH AA021<br>~ 13423 FE00 rotated 90 degrees                                                                         |
| 13424                                                                     |  | EGYPTIAN HIEROGLYPH AA022                                                                                                            |
| 13425                                                                     |  | EGYPTIAN HIEROGLYPH AA023                                                                                                            |
| 13426                                                                     |  | EGYPTIAN HIEROGLYPH AA024<br>• older variant of 13425                                                                                |
| 13427                                                                     |  | EGYPTIAN HIEROGLYPH AA025                                                                                                            |
| 13428                                                                     |  | EGYPTIAN HIEROGLYPH AA026                                                                                                            |
| 13429                                                                     |  | EGYPTIAN HIEROGLYPH AA027                                                                                                            |
| 1342A                                                                     |  | EGYPTIAN HIEROGLYPH AA028<br>• phonogram 'qd'<br>• not to be confused with 131E9                                                     |
| 1342B                                                                     |  | EGYPTIAN HIEROGLYPH AA029<br>• older variant of 1342A                                                                                |
| 1342C                                                                     |  | EGYPTIAN HIEROGLYPH AA030<br>~ 1342C FE02 rotated 270 degrees                                                                        |
| 1342D                                                                     |  | EGYPTIAN HIEROGLYPH AA031<br>• older variant of 1342C                                                                                |
| 1342E                                                                     |  | EGYPTIAN HIEROGLYPH AA032<br>~ 1342E FE02 rotated 270 degrees                                                                        |
| <b>Addition to group V</b>                                                |  |                                                                                                                                      |
| <i>This is part of the cartouche set: 13379, 1337A, 1337B, and 1342F.</i> |  |                                                                                                                                      |
| 1342F                                                                     |  | EGYPTIAN HIEROGLYPH V011D<br>• knotted beginning of cartouche<br>• not to be confused with 13378                                     |



|   | 1343                                                                                         | 1344                                                                                         | 1345                                                                                       |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0 | <br>13430   | <br>13440   | <br>13450 |
| 1 | <br>13431   | <br>13441   | <br>13451 |
| 2 | <br>13432   | <br>13442   | <br>13452 |
| 3 | <br>13433   | <br>13443   | <br>13453 |
| 4 | <br>13434   | <br>13444   | <br>13454 |
| 5 | <br>13435   | <br>13445   | <br>13455 |
| 6 | <br>13436 | <br>13446 |         |
| 7 | <br>13437 | <br>13447 |                                                                                            |
| 8 | <br>13438 | <br>13448 |                                                                                            |
| 9 | <br>13439 | <br>13449 |         |
| A | <br>1343A | <br>1344A |                                                                                            |
| B | <br>1343B | <br>1344B |                                                                                            |
| C | <br>1343C | <br>1344C |         |
| D | <br>1343D | <br>1344D |                                                                                            |
| E | <br>1343E | <br>1344E |                                                                                            |
| F | <br>1343F | <br>1344F |         |

These format controls are used to render Egyptian hieroglyphic spatial arrangements, including quadrats, overlays, insertions, and blank, lost or damaged sections.

#### Joiners

- 13430  EGYPTIAN HIEROGLYPH VERTICAL JOINER  
= sign separator: subordination (Manuel de Codage)
- 13431  EGYPTIAN HIEROGLYPH HORIZONTAL JOINER  
= sign separator: juxtaposition (Manuel de Codage)

#### Sign insertion controls

- 13432  EGYPTIAN HIEROGLYPH INSERT AT TOP START
- 13433  EGYPTIAN HIEROGLYPH INSERT AT BOTTOM START
- 13434  EGYPTIAN HIEROGLYPH INSERT AT TOP END
- 13435  EGYPTIAN HIEROGLYPH INSERT AT BOTTOM END

#### Sign stacking control

- 13436  EGYPTIAN HIEROGLYPH OVERLAY MIDDLE

#### Segment scoping delimiters

- 13437  EGYPTIAN HIEROGLYPH BEGIN SEGMENT
- 13438  EGYPTIAN HIEROGLYPH END SEGMENT

#### Sign insertion controls

- 13439  EGYPTIAN HIEROGLYPH INSERT AT MIDDLE
- 1343A  EGYPTIAN HIEROGLYPH INSERT AT TOP
- 1343B  EGYPTIAN HIEROGLYPH INSERT AT BOTTOM

#### Enclosure controls

- 1343C  EGYPTIAN HIEROGLYPH BEGIN ENCLOSURE
- 1343D  EGYPTIAN HIEROGLYPH END ENCLOSURE
- 1343E  EGYPTIAN HIEROGLYPH BEGIN WALLED ENCLOSURE
- 1343F  EGYPTIAN HIEROGLYPH END WALLED ENCLOSURE

#### Mirror control

- 13440  EGYPTIAN HIEROGLYPH MIRROR HORIZONTALLY

#### Blank and lost signs

- 13441  EGYPTIAN HIEROGLYPH FULL BLANK
- 13442  EGYPTIAN HIEROGLYPH HALF BLANK
- 13443  EGYPTIAN HIEROGLYPH LOST SIGN  
~ 13443 FE00 expanded
- 13444  EGYPTIAN HIEROGLYPH HALF LOST SIGN  
~ 13444 FE00 expanded
- 13445  EGYPTIAN HIEROGLYPH TALL LOST SIGN  
~ 13445 FE00 expanded
- 13446  EGYPTIAN HIEROGLYPH WIDE LOST SIGN  
~ 13446 FE00 expanded

#### Damage modifiers

- 13447  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT TOP START
- 13448  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT BOTTOM START
- 13449  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT START
- 1344A  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT TOP END
- 1344B  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT TOP
- 1344C  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT BOTTOM START AND TOP END

- 1344D  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT START AND TOP
- 1344E  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT BOTTOM END
- 1344F  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT TOP START AND BOTTOM END
- 13450  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT BOTTOM
- 13451  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT START AND BOTTOM
- 13452  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT END
- 13453  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT TOP AND END
- 13454  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED AT BOTTOM AND END
- 13455  EGYPTIAN HIEROGLYPH MODIFIER DAMAGED

|   | 16A7       | 16A8       | 16A9       | 16AA       | 16AB       | 16AC       |
|---|------------|------------|------------|------------|------------|------------|
| 0 | ᄀ<br>16A70 | ᄁ<br>16A80 | ᄂ<br>16A90 | ᄃ<br>16AA0 | ᄄ<br>16AB0 | ᄅ<br>16AC0 |
| 1 | ᄆ<br>16A71 | ᄇ<br>16A81 | ᄈ<br>16A91 | ᄉ<br>16AA1 | ᄊ<br>16AB1 | ᄋ<br>16AC1 |
| 2 | ᄌ<br>16A72 | ᄍ<br>16A82 | ᄎ<br>16A92 | ᄏ<br>16AA2 | ᄐ<br>16AB2 | ᄑ<br>16AC2 |
| 3 | ᄒ<br>16A73 | ᄓ<br>16A83 | ᄔ<br>16A93 | ᄕ<br>16AA3 | ᄖ<br>16AB3 | ᄗ<br>16AC3 |
| 4 | ᄙ<br>16A74 | ᄚ<br>16A84 | ᄛ<br>16A94 | ᄜ<br>16AA4 | ᄝ<br>16AB4 | ᄞ<br>16AC4 |
| 5 | ᄟ<br>16A75 | ᄠ<br>16A85 | ᄡ<br>16A95 | ᄢ<br>16AA5 | ᄣ<br>16AB5 | ᄤ<br>16AC5 |
| 6 | ᄦ<br>16A76 | ᄧ<br>16A86 | ᄨ<br>16A96 | ᄩ<br>16AA6 | ᄪ<br>16AB6 | ᄫ<br>16AC6 |
| 7 | ᄭ<br>16A77 | ᄮ<br>16A87 | ᄯ<br>16A97 | ᄰ<br>16AA7 | ᄱ<br>16AB7 | ᄲ<br>16AC7 |
| 8 | ᄴ<br>16A78 | ᄵ<br>16A88 | ᄶ<br>16A98 | ᄷ<br>16AA8 | ᄸ<br>16AB8 | ᄹ<br>16AC8 |
| 9 | ᄺ<br>16A79 | ᄻ<br>16A89 | ᄼ<br>16A99 | ᄽ<br>16AA9 | ᄾ<br>16AB9 | ᄿ<br>16AC9 |
| A | ᄽ<br>16A7A | ᄾ<br>16A8A | ᄿ<br>16A9A | ᄾ<br>16AAA | ᄿ<br>16ABA |            |
| B | ᄾ<br>16A7B | ᄿ<br>16A8B | ᄾ<br>16A9B | ᄾ<br>16AAB | ᄿ<br>16ABB |            |
| C | ᄿ<br>16A7C | ᄾ<br>16A8C | ᄿ<br>16A9C | ᄾ<br>16AAC | ᄿ<br>16ABC |            |
| D | ᄿ<br>16A7D | ᄾ<br>16A8D | ᄿ<br>16A9D | ᄾ<br>16AAD | ᄿ<br>16ABD |            |
| E | ᄿ<br>16A7E | ᄾ<br>16A8E | ᄿ<br>16A9E | ᄾ<br>16AAE | ᄿ<br>16ABE |            |
| F | ᄿ<br>16A7F | ᄾ<br>16A8F | ᄿ<br>16A9F | ᄾ<br>16AAF |            |            |

**Vowels**

|       |   |                         |
|-------|---|-------------------------|
| 16A70 | ᄀ | TANGSA LETTER OZ        |
| 16A71 | ᄁ | TANGSA LETTER OC        |
| 16A72 | ᄂ | TANGSA LETTER OQ        |
| 16A73 | ᄃ | TANGSA LETTER OX        |
| 16A74 | ᄄ | TANGSA LETTER AZ        |
| 16A75 | ᄅ | TANGSA LETTER AC        |
| 16A76 | ᄆ | TANGSA LETTER AQ        |
| 16A77 | ᄇ | TANGSA LETTER AX        |
| 16A78 | ᄈ | TANGSA LETTER VZ        |
| 16A79 | ᄉ | TANGSA LETTER VC        |
| 16A7A | ᄊ | TANGSA LETTER VQ        |
| 16A7B | ᄋ | TANGSA LETTER VX        |
| 16A7C | ᄌ | TANGSA LETTER EZ        |
| 16A7D | ᄍ | TANGSA LETTER EC        |
| 16A7E | ᄎ | TANGSA LETTER EQ        |
| 16A7F | ᄏ | TANGSA LETTER EX        |
| 16A80 | ᄐ | TANGSA LETTER IZ        |
| 16A81 | ᄑ | TANGSA LETTER IC        |
| 16A82 | ᄒ | TANGSA LETTER IQ        |
| 16A83 | ᄓ | TANGSA LETTER IX        |
| 16A84 | ᄔ | TANGSA LETTER UZ        |
| 16A85 | ᄕ | TANGSA LETTER UC        |
| 16A86 | ᄖ | TANGSA LETTER UQ        |
| 16A87 | ᄗ | TANGSA LETTER UX        |
| 16A88 | ᄘ | TANGSA LETTER AWZ       |
| 16A89 | ᄙ | TANGSA LETTER AWC       |
| 16A8A | ᄚ | TANGSA LETTER AWQ       |
| 16A8B | ᄛ | TANGSA LETTER AWX       |
| 16A8C | ᄜ | TANGSA LETTER UIZ       |
| 16A8D | ᄝ | TANGSA LETTER UIC       |
| 16A8E | ᄞ | TANGSA LETTER UIQ       |
| 16A8F | ᄟ | TANGSA LETTER UIX       |
| 16A90 | ᄠ | TANGSA LETTER FINAL NG  |
| 16A91 | ᄡ | TANGSA LETTER LONG UEX  |
| 16A92 | ᄢ | TANGSA LETTER SHORT UEZ |
| 16A93 | ᄣ | TANGSA LETTER SHORT AWX |
| 16A94 | ᄤ | TANGSA LETTER UEC       |
| 16A95 | ᄥ | TANGSA LETTER UEZ       |
| 16A96 | ᄦ | TANGSA LETTER UEQ       |
| 16A97 | ᄧ | TANGSA LETTER UEX       |
| 16A98 | ᄨ | TANGSA LETTER UIUZ      |
| 16A99 | ᄩ | TANGSA LETTER UIUC      |
| 16A9A | ᄪ | TANGSA LETTER UIUQ      |
| 16A9B | ᄫ | TANGSA LETTER UIUX      |
| 16A9C | ᄬ | TANGSA LETTER MZ        |
| 16A9D | ᄭ | TANGSA LETTER MC        |
| 16A9E | ᄮ | TANGSA LETTER MQ        |
| 16A9F | ᄯ | TANGSA LETTER MX        |

**Consonants**

|       |   |                   |
|-------|---|-------------------|
| 16AA0 | ᄰ | TANGSA LETTER KA  |
| 16AA1 | ᄱ | TANGSA LETTER KHA |
| 16AA2 | ᄲ | TANGSA LETTER GA  |
| 16AA3 | ᄳ | TANGSA LETTER NGA |
| 16AA4 | ᄴ | TANGSA LETTER SA  |
| 16AA5 | ᄵ | TANGSA LETTER YA  |
| 16AA6 | ᄶ | TANGSA LETTER WA  |
| 16AA7 | ᄷ | TANGSA LETTER PA  |
| 16AA8 | ᄸ | TANGSA LETTER NYA |
| 16AA9 | ᄹ | TANGSA LETTER PHA |
| 16AAA | ᄺ | TANGSA LETTER BA  |

|       |   |                    |
|-------|---|--------------------|
| 16AAB | ᄻ | TANGSA LETTER MA   |
| 16AAC | ᄼ | TANGSA LETTER NA   |
| 16AAD | ᄽ | TANGSA LETTER HA   |
| 16AAE | ᄾ | TANGSA LETTER LA   |
| 16AAF | ᄿ | TANGSA LETTER HTA  |
| 16AB0 | ᅀ | TANGSA LETTER TA   |
| 16AB1 | ᅁ | TANGSA LETTER DA   |
| 16AB2 | ᅂ | TANGSA LETTER RA   |
| 16AB3 | ᅃ | TANGSA LETTER NHA  |
| 16AB4 | ᅄ | TANGSA LETTER SHA  |
| 16AB5 | ᅅ | TANGSA LETTER CA   |
| 16AB6 | ᅆ | TANGSA LETTER TSA  |
| 16AB7 | ᅇ | TANGSA LETTER GHA  |
| 16AB8 | ᅈ | TANGSA LETTER HTTA |
| 16AB9 | ᅉ | TANGSA LETTER THA  |
| 16ABA | ᅊ | TANGSA LETTER XA   |
| 16ABB | ᅋ | TANGSA LETTER FA   |
| 16ABC | ᅌ | TANGSA LETTER DHA  |
| 16ABD | ᅍ | TANGSA LETTER CHA  |
| 16ABE | ᅎ | TANGSA LETTER ZA   |

**Digits**

|       |   |                    |
|-------|---|--------------------|
| 16AC0 | ᅏ | TANGSA DIGIT ZERO  |
| 16AC1 | ᅐ | TANGSA DIGIT ONE   |
| 16AC2 | ᅑ | TANGSA DIGIT TWO   |
| 16AC3 | ᅒ | TANGSA DIGIT THREE |
| 16AC4 | ᅓ | TANGSA DIGIT FOUR  |
| 16AC5 | ᅔ | TANGSA DIGIT FIVE  |
| 16AC6 | ᅕ | TANGSA DIGIT SIX   |
| 16AC7 | ᅖ | TANGSA DIGIT SEVEN |
| 16AC8 | ᅗ | TANGSA DIGIT EIGHT |
| 16AC9 | ᅘ | TANGSA DIGIT NINE  |

|   | 18B0 | 18B1 | 18B2 | 18B3 | 18B4 | 18B5 | 18B6 | 18B7 | 18B8 | 18B9 | 18BA | 18BB | 18BC | 18BD | 18BE | 18BF |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 𐰀    | 𐰁    | 𐰂    | 𐰃    | 𐰄    | 𐰅    | 𐰆    | 𐰇    | 𐰈    | 𐰉    | 𐰊    | 𐰋    | 𐰌    | 𐰍    | 𐰎    | 𐰏    |
| 1 | 𐰐    | 𐰑    | 𐰒    | 𐰓    | 𐰔    | 𐰕    | 𐰖    | 𐰗    | 𐰘    | 𐰙    | 𐰚    | 𐰛    | 𐰜    | 𐰝    | 𐰞    | 𐰟    |
| 2 | 𐰠    | 𐰡    | 𐰢    | 𐰣    | 𐰤    | 𐰥    | 𐰦    | 𐰧    | 𐰨    | 𐰩    | 𐰪    | 𐰫    | 𐰬    | 𐰭    | 𐰮    | 𐰯    |
| 3 | 𐰰    | 𐰱    | 𐰲    | 𐰳    | 𐰴    | 𐰵    | 𐰶    | 𐰷    | 𐰸    | 𐰹    | 𐰺    | 𐰻    | 𐰼    | 𐰽    | 𐰾    | 𐰿    |
| 4 | 𐱀    | 𐱁    | 𐱂    | 𐱃    | 𐱄    | 𐱅    | 𐱆    | 𐱇    | 𐱈    | 𐱉    | 𐱊    | 𐱋    | 𐱌    | 𐱍    | 𐱎    | 𐱏    |
| 5 | 𐱐    | 𐱑    | 𐱒    | 𐱓    | 𐱔    | 𐱕    | 𐱖    | 𐱗    | 𐱘    | 𐱙    | 𐱚    | 𐱛    | 𐱜    | 𐱝    | 𐱞    | 𐱟    |
| 6 | 𐱠    | 𐱡    | 𐱢    | 𐱣    | 𐱤    | 𐱥    | 𐱦    | 𐱧    | 𐱨    | 𐱩    | 𐱪    | 𐱫    | 𐱬    | 𐱭    | 𐱮    | 𐱯    |
| 7 | 𐱰    | 𐱱    | 𐱲    | 𐱳    | 𐱴    | 𐱵    | 𐱶    | 𐱷    | 𐱸    | 𐱹    | 𐱺    | 𐱻    | 𐱼    | 𐱽    | 𐱾    | 𐱿    |
| 8 | 𐲀    | 𐲁    | 𐲂    | 𐲃    | 𐲄    | 𐲅    | 𐲆    | 𐲇    | 𐲈    | 𐲉    | 𐲊    | 𐲋    | 𐲌    | 𐲍    | 𐲎    | 𐲏    |
| 9 | 𐲐    | 𐲑    | 𐲒    | 𐲓    | 𐲔    | 𐲕    | 𐲖    | 𐲗    | 𐲘    | 𐲙    | 𐲚    | 𐲛    | 𐲜    | 𐲝    | 𐲞    | 𐲟    |
| A | 𐲠    | 𐲡    | 𐲢    | 𐲣    | 𐲤    | 𐲥    | 𐲦    | 𐲧    | 𐲨    | 𐲩    | 𐲪    | 𐲫    | 𐲬    | 𐲭    | 𐲮    | 𐲯    |
| B | 𐲰    | 𐲱    | 𐲲    | 𐲳    | 𐲴    | 𐲵    | 𐲶    | 𐲷    | 𐲸    | 𐲹    | 𐲺    | 𐲻    | 𐲼    | 𐲽    | 𐲾    | 𐲿    |
| C | 𐳀    | 𐳁    | 𐳂    | 𐳃    | 𐳄    | 𐳅    | 𐳆    | 𐳇    | 𐳈    | 𐳉    | 𐳊    | 𐳋    | 𐳌    | 𐳍    | 𐳎    | 𐳏    |
| D | 𐳐    | 𐳑    | 𐳒    | 𐳓    | 𐳔    | 𐳕    | 𐳖    | 𐳗    | 𐳘    | 𐳙    | 𐳚    | 𐳛    | 𐳜    | 𐳝    | 𐳞    | 𐳟    |
| E | 𐳠    | 𐳡    | 𐳢    | 𐳣    | 𐳤    | 𐳥    | 𐳦    | 𐳧    | 𐳨    | 𐳩    | 𐳪    | 𐳫    | 𐳬    | 𐳭    | 𐳮    | 𐳯    |
| F | 𐳰    | 𐳱    | 𐳲    | 𐳳    | 𐳴    | 𐳵    | 𐳶    | 𐳷    | 𐳸    | 𐳹    | 𐳺    | 𐳻    | 𐳼    | 𐳽    | 𐳾    | 𐳿    |

|   | 18C0 | 18C1 | 18C2 | 18C3 | 18C4 | 18C5 | 18C6 | 18C7 | 18C8 | 18C9 | 18CA | 18CB | 18CC | 18CD | 18CE | 18CF |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 𐰀    | 𐰁    | 𐰂    | 𐰃    | 𐰄    | 𐰅    | 𐰆    | 𐰇    | 𐰈    | 𐰉    | 𐰊    | 𐰋    | 𐰌    | 𐰍    |      |      |
| 1 | 𐰎    | 𐰏    | 𐰐    | 𐰑    | 𐰒    | 𐰓    | 𐰔    | 𐰕    | 𐰖    | 𐰗    | 𐰘    | 𐰙    | 𐰚    | 𐰛    |      |      |
| 2 | 𐰜    | 𐰝    | 𐰞    | 𐰟    | 𐰠    | 𐰡    | 𐰢    | 𐰣    | 𐰤    | 𐰥    | 𐰦    | 𐰧    | 𐰨    | 𐰩    |      |      |
| 3 | 𐰪    | 𐰫    | 𐰬    | 𐰭    | 𐰮    | 𐰯    | 𐰰    | 𐰱    | 𐰲    | 𐰳    | 𐰴    | 𐰵    | 𐰶    | 𐰷    |      |      |
| 4 | 𐰸    | 𐰹    | 𐰺    | 𐰻    | 𐰼    | 𐰽    | 𐰾    | 𐰿    | 𐱀    | 𐱁    | 𐱂    | 𐱃    | 𐱄    | 𐱅    |      |      |
| 5 | 𐱆    | 𐱇    | 𐱈    | 𐱉    | 𐱊    | 𐱋    | 𐱌    | 𐱍    | 𐱎    | 𐱏    | 𐱐    | 𐱑    | 𐱒    | 𐱓    |      |      |
| 6 | 𐱔    | 𐱕    | 𐱖    | 𐱗    | 𐱘    | 𐱙    | 𐱚    | 𐱛    | 𐱜    | 𐱝    | 𐱞    | 𐱟    | 𐱠    | 𐱡    |      |      |
| 7 | 𐱢    | 𐱣    | 𐱤    | 𐱥    | 𐱦    | 𐱧    | 𐱨    | 𐱩    | 𐱪    | 𐱫    | 𐱬    | 𐱭    | 𐱮    | 𐱯    |      |      |
| 8 | 𐱰    | 𐱱    | 𐱲    | 𐱳    | 𐱴    | 𐱵    | 𐱶    | 𐱷    | 𐱸    | 𐱹    | 𐱺    | 𐱻    | 𐱼    | 𐱽    |      |      |
| 9 | 𐱾    | 𐱿    | 𐲀    | 𐲁    | 𐲂    | 𐲃    | 𐲄    | 𐲅    | 𐲆    | 𐲇    | 𐲈    | 𐲉    | 𐲊    | 𐲋    |      |      |
| A | 𐲌    | 𐲍    | 𐲎    | 𐲏    | 𐲐    | 𐲑    | 𐲒    | 𐲓    | 𐲔    | 𐲕    | 𐲖    | 𐲗    | 𐲘    | 𐲙    |      |      |
| B | 𐲚    | 𐲛    | 𐲜    | 𐲝    | 𐲞    | 𐲟    | 𐲠    | 𐲡    | 𐲢    | 𐲣    | 𐲤    | 𐲥    | 𐲦    | 𐲧    |      |      |
| C | 𐲨    | 𐲩    | 𐲪    | 𐲫    | 𐲬    | 𐲭    | 𐲮    | 𐲯    | 𐲰    | 𐲱    | 𐲲    | 𐲳    | 𐲴    | 𐲵    |      |      |
| D | 𐲶    | 𐲷    | 𐲸    | 𐲹    | 𐲺    | 𐲻    | 𐲼    | 𐲽    | 𐲾    | 𐲿    | 𐳀    | 𐳁    | 𐳂    | 𐳃    |      |      |
| E | 𐳄    | 𐳅    | 𐳆    | 𐳇    | 𐳈    | 𐳉    | 𐳊    | 𐳋    | 𐳌    | 𐳍    | 𐳎    | 𐳏    | 𐳐    | 𐳑    |      |      |
| F | 𐳒    | 𐳓    | 𐳔    | 𐳕    | 𐳖    | 𐳗    | 𐳘    | 𐳙    | 𐳚    | 𐳛    | 𐳜    | 𐳝    | 𐳞    | 𐳟    |      |      |

## 18B00

## Khitan Small Script

## 18B74

## Iteration mark

18B00 𐰀 KHITAN SMALL SCRIPT CHARACTER-18B00

## Radical-01

18B01 一 KHITAN SMALL SCRIPT CHARACTER-18B01  
 18B02 丁 KHITAN SMALL SCRIPT CHARACTER-18B02  
 18B03 千 KHITAN SMALL SCRIPT CHARACTER-18B03  
 18B04 王 KHITAN SMALL SCRIPT CHARACTER-18B04  
 18B05 玉 KHITAN SMALL SCRIPT CHARACTER-18B05  
 18B06 𐰆 KHITAN SMALL SCRIPT CHARACTER-18B06  
 18B07 𐰇 KHITAN SMALL SCRIPT CHARACTER-18B07  
 18B08 𐰈 KHITAN SMALL SCRIPT CHARACTER-18B08  
 18B09 𐰉 KHITAN SMALL SCRIPT CHARACTER-18B09  
 18B0A 𐰊 KHITAN SMALL SCRIPT CHARACTER-18B0A  
 18B0B 𐰋 KHITAN SMALL SCRIPT CHARACTER-18B0B  
 18B0C 𐰌 KHITAN SMALL SCRIPT CHARACTER-18B0C  
 18B0D 𐰍 KHITAN SMALL SCRIPT CHARACTER-18B0D  
 18B0E 𐰎 KHITAN SMALL SCRIPT CHARACTER-18B0E  
 18B0F 𐰏 KHITAN SMALL SCRIPT CHARACTER-18B0F  
 18B10 𐰐 KHITAN SMALL SCRIPT CHARACTER-18B10  
 18B11 𐰑 KHITAN SMALL SCRIPT CHARACTER-18B11  
 18B12 𐰒 KHITAN SMALL SCRIPT CHARACTER-18B12  
 18B13 𐰓 KHITAN SMALL SCRIPT CHARACTER-18B13  
 18B14 𐰔 KHITAN SMALL SCRIPT CHARACTER-18B14  
 18B15 𐰕 KHITAN SMALL SCRIPT CHARACTER-18B15  
 18B16 𐰖 KHITAN SMALL SCRIPT CHARACTER-18B16  
 18B17 𐰗 KHITAN SMALL SCRIPT CHARACTER-18B17  
 18B18 𐰘 KHITAN SMALL SCRIPT CHARACTER-18B18  
 18B19 𐰙 KHITAN SMALL SCRIPT CHARACTER-18B19  
 18B1A 𐰚 KHITAN SMALL SCRIPT CHARACTER-18B1A  
 18B1B 𐰛 KHITAN SMALL SCRIPT CHARACTER-18B1B  
 18B1C 𐰜 KHITAN SMALL SCRIPT CHARACTER-18B1C  
 18B1D 𐰝 KHITAN SMALL SCRIPT CHARACTER-18B1D  
 18B1E 𐰞 KHITAN SMALL SCRIPT CHARACTER-18B1E  
 18B1F 𐰟 KHITAN SMALL SCRIPT CHARACTER-18B1F  
 18B20 𐰠 KHITAN SMALL SCRIPT CHARACTER-18B20  
 18B21 𐰡 KHITAN SMALL SCRIPT CHARACTER-18B21  
 18B22 𐰢 KHITAN SMALL SCRIPT CHARACTER-18B22  
 18B23 𐰣 KHITAN SMALL SCRIPT CHARACTER-18B23  
 18B24 𐰤 KHITAN SMALL SCRIPT CHARACTER-18B24  
 18B25 𐰥 KHITAN SMALL SCRIPT CHARACTER-18B25  
 18B26 𐰦 KHITAN SMALL SCRIPT CHARACTER-18B26  
 18B27 𐰧 KHITAN SMALL SCRIPT CHARACTER-18B27  
 18B28 𐰨 KHITAN SMALL SCRIPT CHARACTER-18B28  
 18B29 𐰩 KHITAN SMALL SCRIPT CHARACTER-18B29  
 18B2A 𐰪 KHITAN SMALL SCRIPT CHARACTER-18B2A  
 18B2B 𐰫 KHITAN SMALL SCRIPT CHARACTER-18B2B  
 18B2C 𐰬 KHITAN SMALL SCRIPT CHARACTER-18B2C  
 18B2D 𐰭 KHITAN SMALL SCRIPT CHARACTER-18B2D  
 18B2E 𐰮 KHITAN SMALL SCRIPT CHARACTER-18B2E  
 18B2F 𐰯 KHITAN SMALL SCRIPT CHARACTER-18B2F  
 18B30 𐰰 KHITAN SMALL SCRIPT CHARACTER-18B30  
 18B31 𐰱 KHITAN SMALL SCRIPT CHARACTER-18B31  
 18B32 𐰲 KHITAN SMALL SCRIPT CHARACTER-18B32  
 18B33 𐰳 KHITAN SMALL SCRIPT CHARACTER-18B33  
 18B34 𐰴 KHITAN SMALL SCRIPT CHARACTER-18B34  
 18B35 𐰵 KHITAN SMALL SCRIPT CHARACTER-18B35

## Radical-02

18B36 十 KHITAN SMALL SCRIPT CHARACTER-18B36  
 18B37 𐰶 KHITAN SMALL SCRIPT CHARACTER-18B37  
 18B38 𐰷 KHITAN SMALL SCRIPT CHARACTER-18B38

18B39 𐰸 KHITAN SMALL SCRIPT CHARACTER-18B39  
 18B3A 𐰹 KHITAN SMALL SCRIPT CHARACTER-18B3A  
 18B3B 𐰺 KHITAN SMALL SCRIPT CHARACTER-18B3B  
 18B3C 𐰻 KHITAN SMALL SCRIPT CHARACTER-18B3C  
 18B3D 𐰼 KHITAN SMALL SCRIPT CHARACTER-18B3D  
 18B3E 𐰽 KHITAN SMALL SCRIPT CHARACTER-18B3E  
 18B3F 𐰾 KHITAN SMALL SCRIPT CHARACTER-18B3F  
 18B40 𐰿 KHITAN SMALL SCRIPT CHARACTER-18B40  
 18B41 𐱀 KHITAN SMALL SCRIPT CHARACTER-18B41  
 18B42 𐱁 KHITAN SMALL SCRIPT CHARACTER-18B42  
 18B43 𐱂 KHITAN SMALL SCRIPT CHARACTER-18B43  
 18B44 𐱃 KHITAN SMALL SCRIPT CHARACTER-18B44  
 18B45 𐱄 KHITAN SMALL SCRIPT CHARACTER-18B45  
 18B46 𐱅 KHITAN SMALL SCRIPT CHARACTER-18B46  
 18B47 𐱆 KHITAN SMALL SCRIPT CHARACTER-18B47  
 18B48 𐱇 KHITAN SMALL SCRIPT CHARACTER-18B48  
 18B49 𐱈 KHITAN SMALL SCRIPT CHARACTER-18B49  
 18B4A 𐱉 KHITAN SMALL SCRIPT CHARACTER-18B4A  
 18B4B 𐱊 KHITAN SMALL SCRIPT CHARACTER-18B4B  
 18B4C 𐱋 KHITAN SMALL SCRIPT CHARACTER-18B4C  
 18B4D 𐱌 KHITAN SMALL SCRIPT CHARACTER-18B4D  
 18B4E 𐱍 KHITAN SMALL SCRIPT CHARACTER-18B4E  
 18B4F 𐱎 KHITAN SMALL SCRIPT CHARACTER-18B4F  
 18B50 𐱏 KHITAN SMALL SCRIPT CHARACTER-18B50  
 18B51 𐱐 KHITAN SMALL SCRIPT CHARACTER-18B51  
 18B52 𐱑 KHITAN SMALL SCRIPT CHARACTER-18B52  
 18B53 𐱒 KHITAN SMALL SCRIPT CHARACTER-18B53  
 18B54 𐱓 KHITAN SMALL SCRIPT CHARACTER-18B54  
 18B55 𐱔 KHITAN SMALL SCRIPT CHARACTER-18B55  
 18B56 𐱕 KHITAN SMALL SCRIPT CHARACTER-18B56  
 18B57 𐱖 KHITAN SMALL SCRIPT CHARACTER-18B57  
 18B58 𐱗 KHITAN SMALL SCRIPT CHARACTER-18B58  
 18B59 𐱘 KHITAN SMALL SCRIPT CHARACTER-18B59  
 18B5A 𐱙 KHITAN SMALL SCRIPT CHARACTER-18B5A  
 18B5B 𐱚 KHITAN SMALL SCRIPT CHARACTER-18B5B  
 18B5C 𐱛 KHITAN SMALL SCRIPT CHARACTER-18B5C  
 18B5D 𐱜 KHITAN SMALL SCRIPT CHARACTER-18B5D  
 18B5E 𐱝 KHITAN SMALL SCRIPT CHARACTER-18B5E  
 18B5F 𐱞 KHITAN SMALL SCRIPT CHARACTER-18B5F  
 18B60 𐱟 KHITAN SMALL SCRIPT CHARACTER-18B60  
 18B61 𐱠 KHITAN SMALL SCRIPT CHARACTER-18B61  
 18B62 𐱡 KHITAN SMALL SCRIPT CHARACTER-18B62  
 18B63 𐱢 KHITAN SMALL SCRIPT CHARACTER-18B63  
 18B64 𐱣 KHITAN SMALL SCRIPT CHARACTER-18B64  
 18B65 𐱤 KHITAN SMALL SCRIPT CHARACTER-18B65  
 18B66 𐱥 KHITAN SMALL SCRIPT CHARACTER-18B66  
 18B67 𐱦 KHITAN SMALL SCRIPT CHARACTER-18B67  
 18B68 𐱧 KHITAN SMALL SCRIPT CHARACTER-18B68  
 18B69 𐱨 KHITAN SMALL SCRIPT CHARACTER-18B69

## Radical-03

18B6A 𐱩 KHITAN SMALL SCRIPT CHARACTER-18B6A  
 18B6B 𐱪 KHITAN SMALL SCRIPT CHARACTER-18B6B  
 18B6C 𐱫 KHITAN SMALL SCRIPT CHARACTER-18B6C  
 18B6D 𐱬 KHITAN SMALL SCRIPT CHARACTER-18B6D  
 18B6E 𐱭 KHITAN SMALL SCRIPT CHARACTER-18B6E  
 18B6F 𐱮 KHITAN SMALL SCRIPT CHARACTER-18B6F  
 18B70 𐱯 KHITAN SMALL SCRIPT CHARACTER-18B70  
 18B71 𐱰 KHITAN SMALL SCRIPT CHARACTER-18B71  
 18B72 𐱱 KHITAN SMALL SCRIPT CHARACTER-18B72  
 18B73 𐱲 KHITAN SMALL SCRIPT CHARACTER-18B73  
 18B74 𐱳 KHITAN SMALL SCRIPT CHARACTER-18B74



## 18B75

## Khitan Small Script

## 18BEA

18B75 𐰇 KHITAN SMALL SCRIPT CHARACTER-18B75  
 18B76 𐰈 KHITAN SMALL SCRIPT CHARACTER-18B76  
 18B77 𐰉 KHITAN SMALL SCRIPT CHARACTER-18B77  
 18B78 𐰊 KHITAN SMALL SCRIPT CHARACTER-18B78  
 18B79 𐰋 KHITAN SMALL SCRIPT CHARACTER-18B79  
 18B7A 𐰌 KHITAN SMALL SCRIPT CHARACTER-18B7A  
 18B7B 𐰍 KHITAN SMALL SCRIPT CHARACTER-18B7B  
 18B7C 𐰎 KHITAN SMALL SCRIPT CHARACTER-18B7C  
 18B7D 𐰏 KHITAN SMALL SCRIPT CHARACTER-18B7D  
 18B7E 𐰐 KHITAN SMALL SCRIPT CHARACTER-18B7E  
 18B7F 𐰑 KHITAN SMALL SCRIPT CHARACTER-18B7F  
 18B80 𐰒 KHITAN SMALL SCRIPT CHARACTER-18B80  
 18B81 𐰓 KHITAN SMALL SCRIPT CHARACTER-18B81  
 18B82 𐰔 KHITAN SMALL SCRIPT CHARACTER-18B82  
 18B83 𐰕 KHITAN SMALL SCRIPT CHARACTER-18B83  
 18B84 𐰖 KHITAN SMALL SCRIPT CHARACTER-18B84  
 18B85 𐰗 KHITAN SMALL SCRIPT CHARACTER-18B85  
 18B86 𐰘 KHITAN SMALL SCRIPT CHARACTER-18B86  
 18B87 𐰙 KHITAN SMALL SCRIPT CHARACTER-18B87  
 18B88 𐰚 KHITAN SMALL SCRIPT CHARACTER-18B88  
 18B89 𐰛 KHITAN SMALL SCRIPT CHARACTER-18B89  
 18B8A 𐰜 KHITAN SMALL SCRIPT CHARACTER-18B8A  
 18B8B 𐰝 KHITAN SMALL SCRIPT CHARACTER-18B8B  
 18B8C 𐰞 KHITAN SMALL SCRIPT CHARACTER-18B8C  
 18B8D 𐰟 KHITAN SMALL SCRIPT CHARACTER-18B8D  
 18B8E 𐰠 KHITAN SMALL SCRIPT CHARACTER-18B8E  
 18B8F 𐰡 KHITAN SMALL SCRIPT CHARACTER-18B8F  
 18B90 𐰢 KHITAN SMALL SCRIPT CHARACTER-18B90  
 18B91 𐰣 KHITAN SMALL SCRIPT CHARACTER-18B91  
 18B92 𐰤 KHITAN SMALL SCRIPT CHARACTER-18B92  
 18B93 𐰥 KHITAN SMALL SCRIPT CHARACTER-18B93

## Radical-04

18B94 𐰦 KHITAN SMALL SCRIPT CHARACTER-18B94  
 18B95 𐰧 KHITAN SMALL SCRIPT CHARACTER-18B95  
 18B96 𐰨 KHITAN SMALL SCRIPT CHARACTER-18B96  
 18B97 𐰩 KHITAN SMALL SCRIPT CHARACTER-18B97  
 18B98 𐰪 KHITAN SMALL SCRIPT CHARACTER-18B98  
 18B99 𐰫 KHITAN SMALL SCRIPT CHARACTER-18B99  
 18B9A 𐰬 KHITAN SMALL SCRIPT CHARACTER-18B9A  
 18B9B 𐰭 KHITAN SMALL SCRIPT CHARACTER-18B9B  
 18B9C 𐰮 KHITAN SMALL SCRIPT CHARACTER-18B9C  
 18B9D 𐰯 KHITAN SMALL SCRIPT CHARACTER-18B9D  
 18B9E 𐰰 KHITAN SMALL SCRIPT CHARACTER-18B9E  
 18B9F 𐰱 KHITAN SMALL SCRIPT CHARACTER-18B9F  
 18BA0 𐰲 KHITAN SMALL SCRIPT CHARACTER-18BA0  
 18BA1 𐰳 KHITAN SMALL SCRIPT CHARACTER-18BA1  
 18BA2 𐰴 KHITAN SMALL SCRIPT CHARACTER-18BA2  
 18BA3 𐰵 KHITAN SMALL SCRIPT CHARACTER-18BA3  
 18BA4 𐰶 KHITAN SMALL SCRIPT CHARACTER-18BA4  
 18BA5 𐰷 KHITAN SMALL SCRIPT CHARACTER-18BA5  
 18BA6 𐰸 KHITAN SMALL SCRIPT CHARACTER-18BA6  
 18BA7 𐰹 KHITAN SMALL SCRIPT CHARACTER-18BA7  
 18BA8 𐰺 KHITAN SMALL SCRIPT CHARACTER-18BA8  
 18BA9 𐰻 KHITAN SMALL SCRIPT CHARACTER-18BA9  
 18BAA 𐰼 KHITAN SMALL SCRIPT CHARACTER-18BAA  
 18BAB 𐰽 KHITAN SMALL SCRIPT CHARACTER-18BAB  
 18BAC 𐰾 KHITAN SMALL SCRIPT CHARACTER-18BAC

## Radical-05

18BAD 𐰿 KHITAN SMALL SCRIPT CHARACTER-18BAD  
 18BAE 𐱀 KHITAN SMALL SCRIPT CHARACTER-18BAE  
 18BAF 𐱁 KHITAN SMALL SCRIPT CHARACTER-18BAF

18BB0 𐱂 KHITAN SMALL SCRIPT CHARACTER-18BB0  
 18BB1 𐱃 KHITAN SMALL SCRIPT CHARACTER-18BB1  
 18BB2 𐱄 KHITAN SMALL SCRIPT CHARACTER-18BB2  
 18BB3 𐱅 KHITAN SMALL SCRIPT CHARACTER-18BB3  
 18BB4 𐱆 KHITAN SMALL SCRIPT CHARACTER-18BB4  
 18BB5 𐱇 KHITAN SMALL SCRIPT CHARACTER-18BB5  
 18BB6 𐱈 KHITAN SMALL SCRIPT CHARACTER-18BB6  
 18BB7 𐱉 KHITAN SMALL SCRIPT CHARACTER-18BB7  
 18BB8 𐱊 KHITAN SMALL SCRIPT CHARACTER-18BB8  
 18BB9 𐱋 KHITAN SMALL SCRIPT CHARACTER-18BB9  
 18BBA 𐱌 KHITAN SMALL SCRIPT CHARACTER-18BBA  
 18BBB 𐱍 KHITAN SMALL SCRIPT CHARACTER-18BBB  
 18BBC 𐱎 KHITAN SMALL SCRIPT CHARACTER-18BBC  
 18BBD 𐱏 KHITAN SMALL SCRIPT CHARACTER-18BBD  
 18BBE 𐱐 KHITAN SMALL SCRIPT CHARACTER-18BBE  
 18BBF 𐱑 KHITAN SMALL SCRIPT CHARACTER-18BBF  
 18BC0 𐱒 KHITAN SMALL SCRIPT CHARACTER-18BC0  
 18BC1 𐱓 KHITAN SMALL SCRIPT CHARACTER-18BC1  
 18BC2 𐱔 KHITAN SMALL SCRIPT CHARACTER-18BC2  
 18BC3 𐱕 KHITAN SMALL SCRIPT CHARACTER-18BC3  
 18BC4 𐱖 KHITAN SMALL SCRIPT CHARACTER-18BC4  
 18BC5 𐱗 KHITAN SMALL SCRIPT CHARACTER-18BC5  
 18BC6 𐱘 KHITAN SMALL SCRIPT CHARACTER-18BC6  
 18BC7 𐱙 KHITAN SMALL SCRIPT CHARACTER-18BC7  
 18BC8 𐱚 KHITAN SMALL SCRIPT CHARACTER-18BC8  
 18BC9 𐱛 KHITAN SMALL SCRIPT CHARACTER-18BC9  
 18BCA 𐱜 KHITAN SMALL SCRIPT CHARACTER-18BCA  
 18BCB 𐱝 KHITAN SMALL SCRIPT CHARACTER-18BCB  
 18BCC 𐱞 KHITAN SMALL SCRIPT CHARACTER-18BCC  
 18BCD 𐱟 KHITAN SMALL SCRIPT CHARACTER-18BCD  
 18BCE 𐱠 KHITAN SMALL SCRIPT CHARACTER-18BCE  
 18BCF 𐱡 KHITAN SMALL SCRIPT CHARACTER-18BCF  
 18BD0 𐱢 KHITAN SMALL SCRIPT CHARACTER-18BD0  
 18BD1 𐱣 KHITAN SMALL SCRIPT CHARACTER-18BD1

## Radical-06

18BD2 𐱤 KHITAN SMALL SCRIPT CHARACTER-18BD2  
 18BD3 𐱥 KHITAN SMALL SCRIPT CHARACTER-18BD3  
 18BD4 𐱦 KHITAN SMALL SCRIPT CHARACTER-18BD4  
 18BD5 𐱧 KHITAN SMALL SCRIPT CHARACTER-18BD5  
 18BD6 𐱨 KHITAN SMALL SCRIPT CHARACTER-18BD6  
 18BD7 𐱩 KHITAN SMALL SCRIPT CHARACTER-18BD7  
 18BD8 𐱪 KHITAN SMALL SCRIPT CHARACTER-18BD8  
 18BD9 𐱫 KHITAN SMALL SCRIPT CHARACTER-18BD9  
 18BDA 𐱬 KHITAN SMALL SCRIPT CHARACTER-18BDA  
 18BDB 𐱭 KHITAN SMALL SCRIPT CHARACTER-18BDB  
 18BDC 𐱮 KHITAN SMALL SCRIPT CHARACTER-18BDC  
 18BDD 𐱯 KHITAN SMALL SCRIPT CHARACTER-18BDD  
 18BDE 𐱰 KHITAN SMALL SCRIPT CHARACTER-18BDE  
 → 18CCA 𐱱 khitan small script character-18cca  
 18BDF 𐱲 KHITAN SMALL SCRIPT CHARACTER-18BDF  
 18BE0 𐱳 KHITAN SMALL SCRIPT CHARACTER-18BE0  
 18BE1 𐱴 KHITAN SMALL SCRIPT CHARACTER-18BE1  
 18BE2 𐱵 KHITAN SMALL SCRIPT CHARACTER-18BE2  
 18BE3 𐱶 KHITAN SMALL SCRIPT CHARACTER-18BE3  
 18BE4 𐱷 KHITAN SMALL SCRIPT CHARACTER-18BE4  
 18BE5 𐱸 KHITAN SMALL SCRIPT CHARACTER-18BE5  
 18BE6 𐱹 KHITAN SMALL SCRIPT CHARACTER-18BE6  
 18BE7 𐱺 KHITAN SMALL SCRIPT CHARACTER-18BE7  
 18BE8 𐱻 KHITAN SMALL SCRIPT CHARACTER-18BE8  
 18BE9 𐱼 KHITAN SMALL SCRIPT CHARACTER-18BE9  
 18BEA 𐱽 KHITAN SMALL SCRIPT CHARACTER-18BEA

## 18BEB

## Khitan Small Script

## 18C5B

18BEB 𐰇 KHITAN SMALL SCRIPT CHARACTER-18BEB  
 18BEC 𐰈 KHITAN SMALL SCRIPT CHARACTER-18BEC  
 18BED 𐰉 KHITAN SMALL SCRIPT CHARACTER-18BED  
 18BEE 𐰊 KHITAN SMALL SCRIPT CHARACTER-18BEE  
 18BEF 𐰋 KHITAN SMALL SCRIPT CHARACTER-18BEF  
 18BF0 𐰌 KHITAN SMALL SCRIPT CHARACTER-18BF0  
 18BF1 𐰍 KHITAN SMALL SCRIPT CHARACTER-18BF1  
 18BF2 𐰎 KHITAN SMALL SCRIPT CHARACTER-18BF2  
 18BF3 𐰏 KHITAN SMALL SCRIPT CHARACTER-18BF3  
 18BF4 𐰐 KHITAN SMALL SCRIPT CHARACTER-18BF4  
 18BF5 𐰑 KHITAN SMALL SCRIPT CHARACTER-18BF5  
 18BF6 𐰒 KHITAN SMALL SCRIPT CHARACTER-18BF6  
 18BF7 𐰓 KHITAN SMALL SCRIPT CHARACTER-18BF7  
 18BF8 𐰔 KHITAN SMALL SCRIPT CHARACTER-18BF8  
 18BF9 𐰕 KHITAN SMALL SCRIPT CHARACTER-18BF9  
 18BFA 𐰖 KHITAN SMALL SCRIPT CHARACTER-18BFA  
 18BFB 𐰗 KHITAN SMALL SCRIPT CHARACTER-18BFB  
 18BFC 𐰘 KHITAN SMALL SCRIPT CHARACTER-18BFC  
 18BFD 𐰙 KHITAN SMALL SCRIPT CHARACTER-18BFD  
 18BFE 𐰚 KHITAN SMALL SCRIPT CHARACTER-18BFE  
 18BFF 𐰛 KHITAN SMALL SCRIPT CHARACTER-18BFF  
 18C00 𐰜 KHITAN SMALL SCRIPT CHARACTER-18C00

## Radical-07

18C01 𐰝 KHITAN SMALL SCRIPT CHARACTER-18C01  
 18C02 𐰞 KHITAN SMALL SCRIPT CHARACTER-18C02  
 18C03 𐰟 KHITAN SMALL SCRIPT CHARACTER-18C03  
 18C04 𐰠 KHITAN SMALL SCRIPT CHARACTER-18C04  
 18C05 𐰡 KHITAN SMALL SCRIPT CHARACTER-18C05  
 18C06 𐰢 KHITAN SMALL SCRIPT CHARACTER-18C06  
 18C07 𐰣 KHITAN SMALL SCRIPT CHARACTER-18C07  
 18C08 𐰤 KHITAN SMALL SCRIPT CHARACTER-18C08  
 18C09 𐰥 KHITAN SMALL SCRIPT CHARACTER-18C09  
 18C0A 𐰦 KHITAN SMALL SCRIPT CHARACTER-18C0A  
 18C0B 𐰧 KHITAN SMALL SCRIPT CHARACTER-18C0B  
 18C0C 𐰨 KHITAN SMALL SCRIPT CHARACTER-18C0C  
 18C0D 𐰩 KHITAN SMALL SCRIPT CHARACTER-18C0D  
 18C0E 𐰪 KHITAN SMALL SCRIPT CHARACTER-18C0E  
 18C0F 𐰫 KHITAN SMALL SCRIPT CHARACTER-18C0F  
 18C10 𐰬 KHITAN SMALL SCRIPT CHARACTER-18C10  
 18C11 𐰭 KHITAN SMALL SCRIPT CHARACTER-18C11  
 18C12 𐰮 KHITAN SMALL SCRIPT CHARACTER-18C12

## Radical-08

18C13 𐰯 KHITAN SMALL SCRIPT CHARACTER-18C13  
 18C14 𐰰 KHITAN SMALL SCRIPT CHARACTER-18C14  
 18C15 𐰱 KHITAN SMALL SCRIPT CHARACTER-18C15  
 18C16 𐰲 KHITAN SMALL SCRIPT CHARACTER-18C16  
 18C17 𐰳 KHITAN SMALL SCRIPT CHARACTER-18C17  
 18C18 𐰴 KHITAN SMALL SCRIPT CHARACTER-18C18  
 18C19 𐰵 KHITAN SMALL SCRIPT CHARACTER-18C19  
 18C1A 𐰶 KHITAN SMALL SCRIPT CHARACTER-18C1A  
 18C1B 𐰷 KHITAN SMALL SCRIPT CHARACTER-18C1B  
 18C1C 𐰸 KHITAN SMALL SCRIPT CHARACTER-18C1C  
 18C1D 𐰹 KHITAN SMALL SCRIPT CHARACTER-18C1D  
 18C1E 𐰺 KHITAN SMALL SCRIPT CHARACTER-18C1E  
 18C1F 𐰻 KHITAN SMALL SCRIPT CHARACTER-18C1F  
 18C20 𐰼 KHITAN SMALL SCRIPT CHARACTER-18C20  
 18C21 𐰽 KHITAN SMALL SCRIPT CHARACTER-18C21  
 18C22 𐰾 KHITAN SMALL SCRIPT CHARACTER-18C22  
 18C23 𐰿 KHITAN SMALL SCRIPT CHARACTER-18C23  
 18C24 𐱀 KHITAN SMALL SCRIPT CHARACTER-18C24  
 18C25 𐱁 KHITAN SMALL SCRIPT CHARACTER-18C25

18C26 𐱂 KHITAN SMALL SCRIPT CHARACTER-18C26  
 18C27 𐱃 KHITAN SMALL SCRIPT CHARACTER-18C27

## Radical-09

18C28 𐱄 KHITAN SMALL SCRIPT CHARACTER-18C28  
 18C29 𐱅 KHITAN SMALL SCRIPT CHARACTER-18C29  
 18C2A 𐱆 KHITAN SMALL SCRIPT CHARACTER-18C2A  
 18C2B 𐱇 KHITAN SMALL SCRIPT CHARACTER-18C2B  
 18C2C 𐱈 KHITAN SMALL SCRIPT CHARACTER-18C2C  
 18C2D 𐱉 KHITAN SMALL SCRIPT CHARACTER-18C2D  
 18C2E 𐱊 KHITAN SMALL SCRIPT CHARACTER-18C2E

## Radical-10

18C2F 𐱋 KHITAN SMALL SCRIPT CHARACTER-18C2F  
 18C30 𐱌 KHITAN SMALL SCRIPT CHARACTER-18C30  
 18C31 𐱍 KHITAN SMALL SCRIPT CHARACTER-18C31  
 18C32 𐱎 KHITAN SMALL SCRIPT CHARACTER-18C32  
 18C33 𐱏 KHITAN SMALL SCRIPT CHARACTER-18C33  
 18C34 𐱐 KHITAN SMALL SCRIPT CHARACTER-18C34  
 18C35 𐱑 KHITAN SMALL SCRIPT CHARACTER-18C35  
 18C36 𐱒 KHITAN SMALL SCRIPT CHARACTER-18C36

## Radical-11

18C37 𐱓 KHITAN SMALL SCRIPT CHARACTER-18C37  
 18C38 𐱔 KHITAN SMALL SCRIPT CHARACTER-18C38  
 18C39 𐱕 KHITAN SMALL SCRIPT CHARACTER-18C39  
 18C3A 𐱖 KHITAN SMALL SCRIPT CHARACTER-18C3A  
 18C3B 𐱗 KHITAN SMALL SCRIPT CHARACTER-18C3B  
 18C3C 𐱘 KHITAN SMALL SCRIPT CHARACTER-18C3C  
 18C3D 𐱙 KHITAN SMALL SCRIPT CHARACTER-18C3D  
 18C3E 𐱚 KHITAN SMALL SCRIPT CHARACTER-18C3E  
 18C3F 𐱛 KHITAN SMALL SCRIPT CHARACTER-18C3F  
 18C40 𐱜 KHITAN SMALL SCRIPT CHARACTER-18C40  
 18C41 𐱝 KHITAN SMALL SCRIPT CHARACTER-18C41  
 18C42 𐱞 KHITAN SMALL SCRIPT CHARACTER-18C42  
 18C43 𐱟 KHITAN SMALL SCRIPT CHARACTER-18C43  
 18C44 𐱠 KHITAN SMALL SCRIPT CHARACTER-18C44  
 18C45 𐱡 KHITAN SMALL SCRIPT CHARACTER-18C45  
 18C46 𐱢 KHITAN SMALL SCRIPT CHARACTER-18C46  
 18C47 𐱣 KHITAN SMALL SCRIPT CHARACTER-18C47  
 18C48 𐱤 KHITAN SMALL SCRIPT CHARACTER-18C48  
 18C49 𐱥 KHITAN SMALL SCRIPT CHARACTER-18C49  
 18C4A 𐱦 KHITAN SMALL SCRIPT CHARACTER-18C4A  
 18C4B 𐱧 KHITAN SMALL SCRIPT CHARACTER-18C4B

## Radical-12

18C4C 𐱨 KHITAN SMALL SCRIPT CHARACTER-18C4C  
 18C4D 𐱩 KHITAN SMALL SCRIPT CHARACTER-18C4D  
 18C4E 𐱪 KHITAN SMALL SCRIPT CHARACTER-18C4E  
 18C4F 𐱫 KHITAN SMALL SCRIPT CHARACTER-18C4F  
 18C50 𐱬 KHITAN SMALL SCRIPT CHARACTER-18C50  
 18C51 𐱭 KHITAN SMALL SCRIPT CHARACTER-18C51

## Radical-13

18C52 𐱮 KHITAN SMALL SCRIPT CHARACTER-18C52  
 18C53 𐱯 KHITAN SMALL SCRIPT CHARACTER-18C53  
 18C54 𐱰 KHITAN SMALL SCRIPT CHARACTER-18C54  
 18C55 𐱱 KHITAN SMALL SCRIPT CHARACTER-18C55  
 18C56 𐱲 KHITAN SMALL SCRIPT CHARACTER-18C56  
 18C57 𐱳 KHITAN SMALL SCRIPT CHARACTER-18C57  
 18C58 𐱴 KHITAN SMALL SCRIPT CHARACTER-18C58  
 18C59 𐱵 KHITAN SMALL SCRIPT CHARACTER-18C59  
 18C5A 𐱶 KHITAN SMALL SCRIPT CHARACTER-18C5A  
 18C5B 𐱷 KHITAN SMALL SCRIPT CHARACTER-18C5B

## 18C5C

## Khitan Small Script

## 18CCC

|       |   |                                     |
|-------|---|-------------------------------------|
| 18C5C | 𐰵 | KHITAN SMALL SCRIPT CHARACTER-18C5C |
| 18C5D | 𐰶 | KHITAN SMALL SCRIPT CHARACTER-18C5D |
| 18C5E | 𐰷 | KHITAN SMALL SCRIPT CHARACTER-18C5E |
| 18C5F | 𐰸 | KHITAN SMALL SCRIPT CHARACTER-18C5F |
| 18C60 | 𐰹 | KHITAN SMALL SCRIPT CHARACTER-18C60 |
| 18C61 | 𐰺 | KHITAN SMALL SCRIPT CHARACTER-18C61 |
| 18C62 | 𐰻 | KHITAN SMALL SCRIPT CHARACTER-18C62 |
| 18C63 | 𐰼 | KHITAN SMALL SCRIPT CHARACTER-18C63 |

## Radical-14

|       |   |                                     |
|-------|---|-------------------------------------|
| 18C64 | 𐰽 | KHITAN SMALL SCRIPT CHARACTER-18C64 |
| 18C65 | 𐰾 | KHITAN SMALL SCRIPT CHARACTER-18C65 |
| 18C66 | 𐰿 | KHITAN SMALL SCRIPT CHARACTER-18C66 |
| 18C67 | 𐱀 | KHITAN SMALL SCRIPT CHARACTER-18C67 |
| 18C68 | 𐱁 | KHITAN SMALL SCRIPT CHARACTER-18C68 |
| 18C69 | 𐱂 | KHITAN SMALL SCRIPT CHARACTER-18C69 |
| 18C6A | 𐱃 | KHITAN SMALL SCRIPT CHARACTER-18C6A |
| 18C6B | 𐱄 | KHITAN SMALL SCRIPT CHARACTER-18C6B |
| 18C6C | 𐱅 | KHITAN SMALL SCRIPT CHARACTER-18C6C |
| 18C6D | 𐱆 | KHITAN SMALL SCRIPT CHARACTER-18C6D |
| 18C6E | 𐱇 | KHITAN SMALL SCRIPT CHARACTER-18C6E |
| 18C6F | 𐱈 | KHITAN SMALL SCRIPT CHARACTER-18C6F |
| 18C70 | 𐱉 | KHITAN SMALL SCRIPT CHARACTER-18C70 |
| 18C71 | 𐱊 | KHITAN SMALL SCRIPT CHARACTER-18C71 |
| 18C72 | 𐱋 | KHITAN SMALL SCRIPT CHARACTER-18C72 |
| 18C73 | 𐱌 | KHITAN SMALL SCRIPT CHARACTER-18C73 |
| 18C74 | 𐱍 | KHITAN SMALL SCRIPT CHARACTER-18C74 |
| 18C75 | 𐱎 | KHITAN SMALL SCRIPT CHARACTER-18C75 |
| 18C76 | 𐱏 | KHITAN SMALL SCRIPT CHARACTER-18C76 |
| 18C77 | 𐱐 | KHITAN SMALL SCRIPT CHARACTER-18C77 |
| 18C78 | 𐱑 | KHITAN SMALL SCRIPT CHARACTER-18C78 |
| 18C79 | 𐱒 | KHITAN SMALL SCRIPT CHARACTER-18C79 |
| 18C7A | 𐱓 | KHITAN SMALL SCRIPT CHARACTER-18C7A |
| 18C7B | 𐱔 | KHITAN SMALL SCRIPT CHARACTER-18C7B |
| 18C7C | 𐱕 | KHITAN SMALL SCRIPT CHARACTER-18C7C |
| 18C7D | 𐱖 | KHITAN SMALL SCRIPT CHARACTER-18C7D |
| 18C7E | 𐱗 | KHITAN SMALL SCRIPT CHARACTER-18C7E |

## Radical-15

|       |   |                                     |
|-------|---|-------------------------------------|
| 18C7F | 𐱘 | KHITAN SMALL SCRIPT CHARACTER-18C7F |
| 18C80 | 𐱙 | KHITAN SMALL SCRIPT CHARACTER-18C80 |
| 18C81 | 𐱚 | KHITAN SMALL SCRIPT CHARACTER-18C81 |
| 18C82 | 𐱛 | KHITAN SMALL SCRIPT CHARACTER-18C82 |
| 18C83 | 𐱜 | KHITAN SMALL SCRIPT CHARACTER-18C83 |
| 18C84 | 𐱝 | KHITAN SMALL SCRIPT CHARACTER-18C84 |
| 18C85 | 𐱞 | KHITAN SMALL SCRIPT CHARACTER-18C85 |
| 18C86 | 𐱟 | KHITAN SMALL SCRIPT CHARACTER-18C86 |
| 18C87 | 𐱠 | KHITAN SMALL SCRIPT CHARACTER-18C87 |
| 18C88 | 𐱡 | KHITAN SMALL SCRIPT CHARACTER-18C88 |
| 18C89 | 𐱢 | KHITAN SMALL SCRIPT CHARACTER-18C89 |
| 18C8A | 𐱣 | KHITAN SMALL SCRIPT CHARACTER-18C8A |
| 18C8B | 𐱤 | KHITAN SMALL SCRIPT CHARACTER-18C8B |

## Radical-16

|       |   |                                     |
|-------|---|-------------------------------------|
| 18C8C | 𐱥 | KHITAN SMALL SCRIPT CHARACTER-18C8C |
| 18C8D | 𐱦 | KHITAN SMALL SCRIPT CHARACTER-18C8D |
| 18C8E | 𐱧 | KHITAN SMALL SCRIPT CHARACTER-18C8E |
| 18C8F | 𐱨 | KHITAN SMALL SCRIPT CHARACTER-18C8F |
| 18C90 | 𐱩 | KHITAN SMALL SCRIPT CHARACTER-18C90 |
| 18C91 | 𐱪 | KHITAN SMALL SCRIPT CHARACTER-18C91 |
| 18C92 | 𐱫 | KHITAN SMALL SCRIPT CHARACTER-18C92 |
| 18C93 | 𐱬 | KHITAN SMALL SCRIPT CHARACTER-18C93 |
| 18C94 | 𐱭 | KHITAN SMALL SCRIPT CHARACTER-18C94 |

## Radical-17

|       |   |                                     |
|-------|---|-------------------------------------|
| 18C95 | 𐱮 | KHITAN SMALL SCRIPT CHARACTER-18C95 |
| 18C96 | 𐱯 | KHITAN SMALL SCRIPT CHARACTER-18C96 |
| 18C97 | 𐱰 | KHITAN SMALL SCRIPT CHARACTER-18C97 |
| 18C98 | 𐱱 | KHITAN SMALL SCRIPT CHARACTER-18C98 |
| 18C99 | 𐱲 | KHITAN SMALL SCRIPT CHARACTER-18C99 |
| 18C9A | 𐱳 | KHITAN SMALL SCRIPT CHARACTER-18C9A |
| 18C9B | 𐱴 | KHITAN SMALL SCRIPT CHARACTER-18C9B |
| 18C9C | 𐱵 | KHITAN SMALL SCRIPT CHARACTER-18C9C |
| 18C9D | 𐱶 | KHITAN SMALL SCRIPT CHARACTER-18C9D |
| 18C9E | 𐱷 | KHITAN SMALL SCRIPT CHARACTER-18C9E |
| 18C9F | 𐱸 | KHITAN SMALL SCRIPT CHARACTER-18C9F |
| 18CA0 | 𐱹 | KHITAN SMALL SCRIPT CHARACTER-18CA0 |
| 18CA1 | 𐱺 | KHITAN SMALL SCRIPT CHARACTER-18CA1 |
| 18CA2 | 𐱻 | KHITAN SMALL SCRIPT CHARACTER-18CA2 |
| 18CA3 | 𐱼 | KHITAN SMALL SCRIPT CHARACTER-18CA3 |
| 18CA4 | 𐱽 | KHITAN SMALL SCRIPT CHARACTER-18CA4 |
| 18CA5 | 𐱾 | KHITAN SMALL SCRIPT CHARACTER-18CA5 |
| 18CA6 | 𐱿 | KHITAN SMALL SCRIPT CHARACTER-18CA6 |
| 18CA7 | 𐲀 | KHITAN SMALL SCRIPT CHARACTER-18CA7 |
| 18CA8 | 𐲁 | KHITAN SMALL SCRIPT CHARACTER-18CA8 |
| 18CA9 | 𐲂 | KHITAN SMALL SCRIPT CHARACTER-18CA9 |
| 18CAA | 𐲃 | KHITAN SMALL SCRIPT CHARACTER-18CAA |
| 18CAB | 𐲄 | KHITAN SMALL SCRIPT CHARACTER-18CAB |
| 18CAC | 𐲅 | KHITAN SMALL SCRIPT CHARACTER-18CAC |
| 18CAD | 𐲆 | KHITAN SMALL SCRIPT CHARACTER-18CAD |
| 18CAE | 𐲇 | KHITAN SMALL SCRIPT CHARACTER-18CAE |
| 18CAF | 𐲈 | KHITAN SMALL SCRIPT CHARACTER-18CAF |
| 18CB0 | 𐲉 | KHITAN SMALL SCRIPT CHARACTER-18CB0 |
| 18CB1 | 𐲊 | KHITAN SMALL SCRIPT CHARACTER-18CB1 |
| 18CB2 | 𐲋 | KHITAN SMALL SCRIPT CHARACTER-18CB2 |
| 18CB3 | 𐲌 | KHITAN SMALL SCRIPT CHARACTER-18CB3 |
| 18CB4 | 𐲍 | KHITAN SMALL SCRIPT CHARACTER-18CB4 |
| 18CB5 | 𐲎 | KHITAN SMALL SCRIPT CHARACTER-18CB5 |
| 18CB6 | 𐲏 | KHITAN SMALL SCRIPT CHARACTER-18CB6 |
| 18CB7 | 𐲐 | KHITAN SMALL SCRIPT CHARACTER-18CB7 |
| 18CB8 | 𐲑 | KHITAN SMALL SCRIPT CHARACTER-18CB8 |
| 18CB9 | 𐲒 | KHITAN SMALL SCRIPT CHARACTER-18CB9 |
| 18CBA | 𐲓 | KHITAN SMALL SCRIPT CHARACTER-18CBA |
| 18CBB | 𐲔 | KHITAN SMALL SCRIPT CHARACTER-18CBB |
| 18CBC | 𐲕 | KHITAN SMALL SCRIPT CHARACTER-18CBC |
| 18CBD | 𐲖 | KHITAN SMALL SCRIPT CHARACTER-18CBD |
| 18CBE | 𐲗 | KHITAN SMALL SCRIPT CHARACTER-18CBE |
| 18CBF | 𐲘 | KHITAN SMALL SCRIPT CHARACTER-18CBF |

## Radical-18

|       |   |                                                                                      |
|-------|---|--------------------------------------------------------------------------------------|
| 18CC0 | 𐲙 | KHITAN SMALL SCRIPT CHARACTER-18CC0                                                  |
| 18CC1 | 𐲚 | KHITAN SMALL SCRIPT CHARACTER-18CC1                                                  |
| 18CC2 | 𐲛 | KHITAN SMALL SCRIPT CHARACTER-18CC2                                                  |
| 18CC3 | 𐲜 | KHITAN SMALL SCRIPT CHARACTER-18CC3                                                  |
| 18CC4 | 𐲝 | KHITAN SMALL SCRIPT CHARACTER-18CC4                                                  |
| 18CC5 | 𐲞 | KHITAN SMALL SCRIPT CHARACTER-18CC5                                                  |
| 18CC6 | 𐲟 | KHITAN SMALL SCRIPT CHARACTER-18CC6                                                  |
| 18CC7 | 𐲠 | KHITAN SMALL SCRIPT CHARACTER-18CC7                                                  |
| 18CC8 | 𐲡 | KHITAN SMALL SCRIPT CHARACTER-18CC8                                                  |
| 18CC9 | 𐲢 | KHITAN SMALL SCRIPT CHARACTER-18CC9                                                  |
| 18CCA | 𐲣 | KHITAN SMALL SCRIPT CHARACTER-18CCA<br>→ 18BDE 𐲣 khitan small script character-18bde |
| 18CCB | 𐲤 | KHITAN SMALL SCRIPT CHARACTER-18CCB                                                  |

## Radical-19

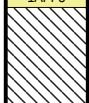
|       |   |                                     |
|-------|---|-------------------------------------|
| 18CCC | 𐲥 | KHITAN SMALL SCRIPT CHARACTER-18CCC |
|-------|---|-------------------------------------|

18CCD 𐰇 KHITAN SMALL SCRIPT CHARACTER-18CCD  
18CCE 𐰈 KHITAN SMALL SCRIPT CHARACTER-18CCE  
18CCF 𐰉 KHITAN SMALL SCRIPT CHARACTER-18CCF  
18CD0 𐰊 KHITAN SMALL SCRIPT CHARACTER-18CD0  
18CD1 𐰋 KHITAN SMALL SCRIPT CHARACTER-18CD1  
18CD2 𐰌 KHITAN SMALL SCRIPT CHARACTER-18CD2

**Radical-20**

18CD3 𐰍 KHITAN SMALL SCRIPT CHARACTER-18CD3  
18CD4 𐰎 KHITAN SMALL SCRIPT CHARACTER-18CD4  
18CD5 𐰏 KHITAN SMALL SCRIPT CHARACTER-18CD5

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|   |                                                                                              |
|---|----------------------------------------------------------------------------------------------|
|   | 1AFF                                                                                         |
| 0 | <br>1AFF0   |
| 1 | <br>1AFF1   |
| 2 | <br>1AFF2   |
| 3 | <br>1AFF3   |
| 4 |             |
| 5 | <br>1AFF5   |
| 6 | <br>1AFF6  |
| 7 | <br>1AFF7 |
| 8 | <br>1AFF8 |
| 9 | <br>1AFF9 |
| A | <br>1AFFA |
| B | <br>1AFFB |
| C |           |
| D | <br>1AFFD |
| E | <br>1AFFE |
| F |           |

This block contains tone marks occasionally used in furigana extensions to annotate Minnan Chinese.

**Tone marks**

|       |                                                                                   |                               |
|-------|-----------------------------------------------------------------------------------|-------------------------------|
| 1AFF0 | /                                                                                 | KATAKANA LETTER MINNAN TONE-2 |
| 1AFF1 | \                                                                                 | KATAKANA LETTER MINNAN TONE-3 |
| 1AFF2 | ˆ                                                                                 | KATAKANA LETTER MINNAN TONE-4 |
| 1AFF3 | <                                                                                 | KATAKANA LETTER MINNAN TONE-5 |
| 1AFF4 |  | <reserved>                    |
| 1AFF5 |                                                                                   | KATAKANA LETTER MINNAN TONE-7 |
| 1AFF6 | ˙                                                                                 | KATAKANA LETTER MINNAN TONE-8 |

**Nasalized tone marks**

|       |                                                                                   |                                         |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------|
| 1AFF7 | ˊ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-1 |
| 1AFF8 | ˋ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-2 |
| 1AFF9 | ˌ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-3 |
| 1AFFA | ˍ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-4 |
| 1AFFB | ˎ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-5 |
| 1AFFC |  | <reserved>                              |
| 1AFFD | ˏ                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-7 |
| 1AFFE | ː                                                                                 | KATAKANA LETTER MINNAN NASALIZED TONE-8 |

|   | 1B10       | 1B11       | 1B12       |
|---|------------|------------|------------|
| 0 | 𪛗<br>1B100 | 𪛘<br>1B110 | 𪛚<br>1B120 |
| 1 | 𪛜<br>1B101 | 𪛞<br>1B111 | 𪛠<br>1B121 |
| 2 | 𪛢<br>1B102 | 𪛤<br>1B112 | 𪛦<br>1B122 |
| 3 | 𪛨<br>1B103 | 𪛩<br>1B113 |            |
| 4 | 𪛬<br>1B104 | 𪛭<br>1B114 |            |
| 5 | 𪛮<br>1B105 | 𪛯<br>1B115 |            |
| 6 | 𪛰<br>1B106 | 𪛱<br>1B116 |            |
| 7 | 𪛲<br>1B107 | 𪛳<br>1B117 |            |
| 8 | 𪛵<br>1B108 | 𪛶<br>1B118 |            |
| 9 | 𪛷<br>1B109 | 𪛸<br>1B119 |            |
| A | 𪛺<br>1B10A | 𪛻<br>1B11A |            |
| B | 𪛽<br>1B10B | 𪛿<br>1B11B |            |
| C | 𪛻<br>1B10C | 𪛼<br>1B11C |            |
| D | 𪛾<br>1B10D | 𪛿<br>1B11D |            |
| E | 𪛿<br>1B10E | 𪛿<br>1B11E |            |
| F | 𪛿<br>1B10F | 𪛿<br>1B11F |            |



**Hentaigana**

|       |   |                             |                       |
|-------|---|-----------------------------|-----------------------|
| 1B100 | 連 | HENTAIGANA LETTER RE-3      | • derived from 9023 連 |
| 1B101 | 麗 | HENTAIGANA LETTER RE-4      | • derived from 9E97 麗 |
| 1B102 | 呂 | HENTAIGANA LETTER RO-1      | • derived from 5442 呂 |
| 1B103 | 露 | HENTAIGANA LETTER RO-2      | • derived from 5442 呂 |
| 1B104 | 婁 | HENTAIGANA LETTER RO-3      | • derived from 5A41 婁 |
| 1B105 | 樓 | HENTAIGANA LETTER RO-4      | • derived from 6A13 樓 |
| 1B106 | 路 | HENTAIGANA LETTER RO-5      | • derived from 8DEF 路 |
| 1B107 | 露 | HENTAIGANA LETTER RO-6      | • derived from 9732 露 |
| 1B108 | 倭 | HENTAIGANA LETTER WA-1      | • derived from 502D 倭 |
| 1B109 | 和 | HENTAIGANA LETTER WA-2      | • derived from 548C 和 |
| 1B10A | ワ | HENTAIGANA LETTER WA-3      | • derived from 548C 和 |
| 1B10B | 王 | HENTAIGANA LETTER WA-4      | • derived from 738B 王 |
| 1B10C | 𠀤 | HENTAIGANA LETTER WA-5      | • derived from 738B 王 |
| 1B10D | 井 | HENTAIGANA LETTER WI-1      | • derived from 4E95 井 |
| 1B10E | 升 | HENTAIGANA LETTER WI-2      | • derived from 4E95 井 |
| 1B10F | 居 | HENTAIGANA LETTER WI-3      | • derived from 5C45 居 |
| 1B110 | 爲 | HENTAIGANA LETTER WI-4      | • derived from 7232 爲 |
| 1B111 | 遺 | HENTAIGANA LETTER WI-5      | • derived from 907A 遺 |
| 1B112 | 惠 | HENTAIGANA LETTER WE-1      | • derived from 60E0 惠 |
| 1B113 | 衛 | HENTAIGANA LETTER WE-2      | • derived from 885E 衛 |
| 1B114 | 衛 | HENTAIGANA LETTER WE-3      | • derived from 885E 衛 |
| 1B115 | 衛 | HENTAIGANA LETTER WE-4      | • derived from 885E 衛 |
| 1B116 | 乎 | HENTAIGANA LETTER WO-1      | • derived from 4E4E 乎 |
| 1B117 | 乎 | HENTAIGANA LETTER WO-2      | • derived from 4E4E 乎 |
| 1B118 | 尾 | HENTAIGANA LETTER WO-3      | • derived from 5C3E 尾 |
| 1B119 | 緒 | HENTAIGANA LETTER WO-4      | • derived from 7DD2 緒 |
| 1B11A | 越 | HENTAIGANA LETTER WO-5      | • derived from 8D8A 越 |
| 1B11B | 遠 | HENTAIGANA LETTER WO-6      | • derived from 9060 遠 |
| 1B11C | 遠 | HENTAIGANA LETTER WO-7      | • derived from 9060 遠 |
| 1B11D | 无 | HENTAIGANA LETTER N-MU-MO-1 | • derived from 65E0 无 |

|       |   |                             |                       |
|-------|---|-----------------------------|-----------------------|
| 1B11E | 无 | HENTAIGANA LETTER N-MU-MO-2 | • derived from 65E0 无 |
|-------|---|-----------------------------|-----------------------|

**Historic Hiragana**

|       |   |                            |                       |
|-------|---|----------------------------|-----------------------|
| 1B11F | 汙 | HIRAGANA LETTER ARCHAIC WU | • derived from 6C59 汙 |
|-------|---|----------------------------|-----------------------|

**Historic Katakana**

|       |   |                            |
|-------|---|----------------------------|
| 1B120 | 𠀤 | KATAKANA LETTER ARCHAIC YI |
| 1B121 | 𠀤 | KATAKANA LETTER ARCHAIC YE |
| 1B122 | 干 | KATAKANA LETTER ARCHAIC WU |



|   | 1B13       | 1B14 | 1B15       | 1B16       |
|---|------------|------|------------|------------|
| 0 |            |      | ゐ<br>1B150 |            |
| 1 |            |      | ゑ<br>1B151 |            |
| 2 | こ<br>1B132 |      | を<br>1B152 |            |
| 3 |            |      |            |            |
| 4 |            |      |            | キ<br>1B164 |
| 5 |            |      | コ<br>1B155 | エ<br>1B165 |
| 6 |            |      |            | ヲ<br>1B166 |
| 7 |            |      |            | ン<br>1B167 |
| 8 |            |      |            |            |
| 9 |            |      |            |            |
| A |            |      |            |            |
| B |            |      |            |            |
| C |            |      |            |            |
| D |            |      |            |            |
| E |            |      |            |            |
| F |            |      |            |            |

## Historic small hiragana letters

## 1B132 こ HIRAGANA LETTER SMALL KO

1B133  <reserved>1B134  <reserved>1B135  <reserved>1B136  <reserved>1B137  <reserved>1B138  <reserved>1B139  <reserved>1B13A  <reserved>1B13B  <reserved>1B13C  <reserved>1B13D  <reserved>1B13E  <reserved>1B13F  <reserved>1B140  <reserved>1B141  <reserved>1B142  <reserved>1B143  <reserved>1B144  <reserved>1B145  <reserved>1B146  <reserved>1B147  <reserved>1B148  <reserved>1B149  <reserved>1B14A  <reserved>1B14B  <reserved>1B14C  <reserved>1B14D  <reserved>1B14E  <reserved>1B14F  <reserved>

1B150 ゐ HIRAGANA LETTER SMALL WI

1B151 ゑ HIRAGANA LETTER SMALL WE

1B152 を HIRAGANA LETTER SMALL WO

## Historic small katakana letters

## 1B155 コ KATAKANA LETTER SMALL KO

1B156  <reserved>1B157  <reserved>1B158  <reserved>1B159  <reserved>1B15A  <reserved>1B15B  <reserved>1B15C  <reserved>1B15D  <reserved>1B15E  <reserved>1B15F  <reserved>1B160  <reserved>1B161  <reserved>1B162  <reserved>1B163  <reserved>

1B164 キ KATAKANA LETTER SMALL WI

1B165 エ KATAKANA LETTER SMALL WE

1B166 ヲ KATAKANA LETTER SMALL WO

1B167 ン KATAKANA LETTER SMALL N

|   | 1CF0                                                                                | 1CF1                                                                                | 1CF2                                                                                | 1CF3                                                                                | 1CF4                                                                                | 1CF5                                                                                | 1CF6                                                                                | 1CF7                                                                                 | 1CF8                                                                                  | 1CF9                                                                                  | 1CFA                                                                                  | 1CFB                                                                                  | 1CFC                                                                                |
|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 2 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 3 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 4 |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                     |
| 5 |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                     |
| 6 |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                     |
| 7 |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| 8 |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| 9 |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| A |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| B |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| C |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| D |  |  |  |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| E |  |  |                                                                                     |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |
| F |  |  |                                                                                     |  |                                                                                     |  |  |  |  |  |  |  |                                                                                     |

## 1CF00

## Znamenny Musical Notation

## 1CF58

## Combining red marks

|       |                 |                                                          |
|-------|-----------------|----------------------------------------------------------|
| 1CF00 | ◌ <sup>1</sup>  | ZNAMENNY COMBINING MARK GORAZDO NIZKO S KRYZHEM ON LEFT  |
| 1CF01 | ◌ <sup>2</sup>  | ZNAMENNY COMBINING MARK NIZKO S KRYZHEM ON LEFT          |
| 1CF02 | ◌ <sup>3</sup>  | ZNAMENNY COMBINING MARK TSATA ON LEFT                    |
| 1CF03 | ◌ <sup>4</sup>  | ZNAMENNY COMBINING MARK GORAZDO NIZKO ON LEFT            |
| 1CF04 | ◌ <sup>5</sup>  | ZNAMENNY COMBINING MARK NIZKO ON LEFT                    |
| 1CF05 | ◌ <sup>6</sup>  | ZNAMENNY COMBINING MARK SREDNE ON LEFT                   |
| 1CF06 | ◌ <sup>7</sup>  | ZNAMENNY COMBINING MARK MALO POVYSHE ON LEFT             |
| 1CF07 | ◌ <sup>8</sup>  | ZNAMENNY COMBINING MARK POVYSHE ON LEFT                  |
| 1CF08 | ◌ <sup>9</sup>  | ZNAMENNY COMBINING MARK VYSOKO ON LEFT                   |
| 1CF09 | ◌ <sup>10</sup> | ZNAMENNY COMBINING MARK MALO POVYSHE S KHOKHLOM ON LEFT  |
| 1CF0A | ◌ <sup>11</sup> | ZNAMENNY COMBINING MARK POVYSHE S KHOKHLOM ON LEFT       |
| 1CF0B | ◌ <sup>12</sup> | ZNAMENNY COMBINING MARK VYSOKO S KHOKHLOM ON LEFT        |
| 1CF0C | ◌ <sup>13</sup> | ZNAMENNY COMBINING MARK GORAZDO NIZKO S KRYZHEM ON RIGHT |
| 1CF0D | ◌ <sup>14</sup> | ZNAMENNY COMBINING MARK NIZKO S KRYZHEM ON RIGHT         |
| 1CF0E | ◌ <sup>15</sup> | ZNAMENNY COMBINING MARK TSATA ON RIGHT                   |
| 1CF0F | ◌ <sup>16</sup> | ZNAMENNY COMBINING MARK GORAZDO NIZKO ON RIGHT           |
| 1CF10 | ◌ <sup>17</sup> | ZNAMENNY COMBINING MARK NIZKO ON RIGHT                   |
| 1CF11 | ◌ <sup>18</sup> | ZNAMENNY COMBINING MARK SREDNE ON RIGHT                  |
| 1CF12 | ◌ <sup>19</sup> | ZNAMENNY COMBINING MARK MALO POVYSHE ON RIGHT            |
| 1CF13 | ◌ <sup>20</sup> | ZNAMENNY COMBINING MARK POVYSHE ON RIGHT                 |
| 1CF14 | ◌ <sup>21</sup> | ZNAMENNY COMBINING MARK VYSOKO ON RIGHT                  |
| 1CF15 | ◌ <sup>22</sup> | ZNAMENNY COMBINING MARK MALO POVYSHE S KHOKHLOM ON RIGHT |
| 1CF16 | ◌ <sup>23</sup> | ZNAMENNY COMBINING MARK POVYSHE S KHOKHLOM ON RIGHT      |
| 1CF17 | ◌ <sup>24</sup> | ZNAMENNY COMBINING MARK VYSOKO S KHOKHLOM ON RIGHT       |
| 1CF18 | ◌ <sup>25</sup> | ZNAMENNY COMBINING MARK TSATA S KRYZHEM                  |
| 1CF19 | ◌ <sup>26</sup> | ZNAMENNY COMBINING MARK MALO POVYSHE S KRYZHEM           |
| 1CF1A | ◌ <sup>27</sup> | ZNAMENNY COMBINING MARK STRANNO MALO POVYSHE             |
| 1CF1B | ◌ <sup>28</sup> | ZNAMENNY COMBINING MARK POVYSHE S KRYZHEM                |
| 1CF1C | ◌ <sup>29</sup> | ZNAMENNY COMBINING MARK POVYSHE STRANNO                  |
| 1CF1D | ◌ <sup>30</sup> | ZNAMENNY COMBINING MARK VYSOKO S KRYZHEM                 |
| 1CF1E | ◌ <sup>31</sup> | ZNAMENNY COMBINING MARK MALO POVYSHE STRANNO             |
| 1CF1F | ◌ <sup>32</sup> | ZNAMENNY COMBINING MARK GORAZDO VYSOKO                   |
| 1CF20 | ◌ <sup>33</sup> | ZNAMENNY COMBINING MARK ZELO                             |
| 1CF21 | ◌ <sup>34</sup> | ZNAMENNY COMBINING MARK ON                               |

|       |                 |                                       |
|-------|-----------------|---------------------------------------|
| 1CF22 | ◌ <sup>35</sup> | ZNAMENNY COMBINING MARK RAVNO         |
| 1CF23 | ◌ <sup>36</sup> | ZNAMENNY COMBINING MARK TIKHAYA       |
| 1CF24 | ◌ <sup>37</sup> | ZNAMENNY COMBINING MARK BORZAYA       |
| 1CF25 | ◌ <sup>38</sup> | ZNAMENNY COMBINING MARK UDARKA        |
| 1CF26 | ◌ <sup>39</sup> | ZNAMENNY COMBINING MARK PODVERTKA     |
| 1CF27 | ◌ <sup>40</sup> | ZNAMENNY COMBINING MARK LOMKA         |
| 1CF28 | ◌ <sup>41</sup> | ZNAMENNY COMBINING MARK KUPNAYA       |
| 1CF29 | ◌ <sup>42</sup> | ZNAMENNY COMBINING MARK KACHKA        |
| 1CF2A | ◌ <sup>43</sup> | ZNAMENNY COMBINING MARK ZEVOK         |
| 1CF2B | ◌ <sup>44</sup> | ZNAMENNY COMBINING MARK SKOBA         |
| 1CF2C | ◌ <sup>45</sup> | ZNAMENNY COMBINING MARK RAZSEKA       |
| 1CF2D | ◌ <sup>46</sup> | ZNAMENNY COMBINING MARK KRYZH ON LEFT |

## Combining black marks

|       |                 |                                                         |
|-------|-----------------|---------------------------------------------------------|
| 1CF30 | ◌ <sup>47</sup> | ZNAMENNY COMBINING TONAL RANGE MARK MRACHNO             |
| 1CF31 | ◌ <sup>48</sup> | ZNAMENNY COMBINING TONAL RANGE MARK SVETLO              |
| 1CF32 | ◌ <sup>49</sup> | ZNAMENNY COMBINING TONAL RANGE MARK TRESVETLO           |
| 1CF33 | ◌ <sup>50</sup> | ZNAMENNY COMBINING MARK ZADERZHKA = ottyazhka           |
| 1CF34 | ◌ <sup>51</sup> | ZNAMENNY COMBINING MARK DEMESTVENNY ZADERZHKA           |
| 1CF35 | ◌ <sup>52</sup> | ZNAMENNY COMBINING MARK OTSECHKA                        |
| 1CF36 | ◌ <sup>53</sup> | ZNAMENNY COMBINING MARK PODCHASHIE                      |
| 1CF37 | ◌ <sup>54</sup> | ZNAMENNY COMBINING MARK PODCHASHIE WITH VERTICAL STROKE |
| 1CF38 | ◌ <sup>55</sup> | ZNAMENNY COMBINING MARK CHASHKA                         |
| 1CF39 | ◌ <sup>56</sup> | ZNAMENNY COMBINING MARK CHASHKA POLNAYA                 |
| 1CF3A | ◌ <sup>57</sup> | ZNAMENNY COMBINING MARK OBLACHKO                        |
| 1CF3B | ◌ <sup>58</sup> | ZNAMENNY COMBINING MARK SOROCHYA NOZHKA = sokolik       |
| 1CF3C | ◌ <sup>59</sup> | ZNAMENNY COMBINING MARK TOCHKA                          |
| 1CF3D | ◌ <sup>60</sup> | ZNAMENNY COMBINING MARK DVOETOCHIE                      |
| 1CF3E | ◌ <sup>61</sup> | ZNAMENNY COMBINING ATTACHING VERTICAL OMET              |
| 1CF3F | ◌ <sup>62</sup> | ZNAMENNY COMBINING MARK CURVED OMET                     |
| 1CF40 | ◌ <sup>63</sup> | ZNAMENNY COMBINING MARK KRYZH                           |
| 1CF41 | ◌ <sup>64</sup> | ZNAMENNY COMBINING LOWER TONAL RANGE INDICATOR          |

## Modifying marks for priznaki

|       |                 |                                          |
|-------|-----------------|------------------------------------------|
| 1CF42 | ◌ <sup>65</sup> | ZNAMENNY PRIZNAK MODIFIER LEVEL-2        |
| 1CF43 | ◌ <sup>66</sup> | ZNAMENNY PRIZNAK MODIFIER LEVEL-3        |
| 1CF44 | ◌ <sup>67</sup> | ZNAMENNY PRIZNAK MODIFIER DIRECTION FLIP |
| 1CF45 | ◌ <sup>68</sup> | ZNAMENNY PRIZNAK MODIFIER KRYZH          |
| 1CF46 | ◌ <sup>69</sup> | ZNAMENNY PRIZNAK MODIFIER ROG            |

## Znamenny neumes

|       |                 |                                          |
|-------|-----------------|------------------------------------------|
| 1CF50 | ◌ <sup>70</sup> | ZNAMENNY NEUME KRYUK                     |
| 1CF51 | ◌ <sup>71</sup> | ZNAMENNY NEUME KRYUK TIKHY               |
| 1CF52 | ◌ <sup>72</sup> | ZNAMENNY NEUME PARAKLIT                  |
| 1CF53 | ◌ <sup>73</sup> | ZNAMENNY NEUME DVA V CHELNU              |
| 1CF54 | ◌ <sup>74</sup> | ZNAMENNY NEUME KLYUCH = kryuk klyuchevoy |
| 1CF55 | ◌ <sup>75</sup> | ZNAMENNY NEUME ZANOZHEK                  |
| 1CF56 | ◌ <sup>76</sup> | ZNAMENNY NEUME STOPITSA                  |
| 1CF57 | ◌ <sup>77</sup> | ZNAMENNY NEUME STOPITSA S OCHKOM         |
| 1CF58 | ◌ <sup>78</sup> | ZNAMENNY NEUME PEREVODKA                 |

|       |                                                                                     |                                                                                            |       |                                                                                     |                                                                                         |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1CF59 |    | ZNAMENNY NEUME PEREVODKA<br>NEPOSTOYANNAYA                                                 | 1CF85 |    | ZNAMENNY NEUME ZMEYTSA<br>= litso                                                       |
| 1CF5A |    | ZNAMENNY NEUME STOPITSA WITH<br>SOROCHYA NOZHKA<br>• not a decomposable character          | 1CF86 |    | ZNAMENNY NEUME STATYA                                                                   |
| 1CF5B |    | ZNAMENNY NEUME CHELYUSTKA                                                                  | 1CF87 |    | ZNAMENNY NEUME STATYA S ZAPYATOY                                                        |
| 1CF5C |    | ZNAMENNY NEUME PALKA                                                                       | 1CF88 |    | ZNAMENNY NEUME STATYA S KRYZHEM                                                         |
| 1CF5D |    | ZNAMENNY NEUME ZAPYATAYA                                                                   | 1CF89 |    | ZNAMENNY NEUME STATYA S ZAPYATOY I<br>KRYZHEM                                           |
| 1CF5E |    | ZNAMENNY NEUME GOLUBCHIK BORZY                                                             | 1CF8A |    | ZNAMENNY NEUME STATYA S KRYZHEM I<br>ZAPYATOY                                           |
| 1CF5F |    | ZNAMENNY NEUME GOLUBCHIK TIKHY                                                             | 1CF8B |    | ZNAMENNY NEUME STATYA ZAKRYTAYA                                                         |
| 1CF60 |    | ZNAMENNY NEUME GOLUBCHIK MRACHNY                                                           | 1CF8C |    | ZNAMENNY NEUME STATYA ZAKRYTAYA S<br>ZAPYATOY                                           |
| 1CF61 |    | ZNAMENNY NEUME GOLUBCHIK SVETLY                                                            | 1CF8D |    | ZNAMENNY NEUME STATYA S ROGOM                                                           |
| 1CF62 |    | ZNAMENNY NEUME GOLUBCHIK TRESVETLY<br>= golubchik nepostoyanny                             | 1CF8E |    | ZNAMENNY NEUME STATYA S DVUMYA<br>ZAPYATYMI                                             |
| 1CF63 |    | ZNAMENNY NEUME VRAKHIYA PROSTAYA                                                           | 1CF8F |    | ZNAMENNY NEUME STATYA S ZAPYATOY I<br>PODCHASHIEM                                       |
| 1CF64 |    | ZNAMENNY NEUME VRAKHIYA MRACHNAYA                                                          | 1CF90 |    | ZNAMENNY NEUME POLKULIZMY<br>• not a decomposable character                             |
| 1CF65 |    | ZNAMENNY NEUME VRAKHIYA SVETLAYA                                                           | 1CF91 |    | ZNAMENNY NEUME STATYA<br>NEPOSTOYANNAYA                                                 |
| 1CF66 |    | ZNAMENNY NEUME VRAKHIYA TRESVETLAYA<br>= vrakhia nepostoyannaya                            | 1CF92 |    | ZNAMENNY NEUME STRELA PROSTAYA                                                          |
| 1CF67 |    | ZNAMENNY NEUME VRAKHIYA KLYUCHEVAYA<br>PROSTAYA                                            | 1CF93 |    | ZNAMENNY NEUME STRELA<br>MRACHNOTIKHAYA                                                 |
| 1CF68 |    | ZNAMENNY NEUME VRAKHIYA KLYUCHEVAYA<br>MRACHNAYA                                           | 1CF94 |    | ZNAMENNY NEUME STRELA KRYZHEVAYA<br>= strela polukryzhevaya                             |
| 1CF69 |  | ZNAMENNY NEUME VRAKHIYA KLYUCHEVAYA<br>SVETLAYA                                            | 1CF95 |  | ZNAMENNY NEUME STRELA<br>POLUPOVODNAYA                                                  |
| 1CF6A |  | ZNAMENNY NEUME VRAKHIYA KLYUCHEVAYA<br>TRESVETLAYA<br>= vrakhia klyuchevaya nepostoyannaya | 1CF96 |  | ZNAMENNY NEUME STRELA POVODNAYA                                                         |
| 1CF6B |  | ZNAMENNY NEUME DOUBLE ZAPYATAYA                                                            | 1CF97 |  | ZNAMENNY NEUME STRELA<br>NEPOSTOYANNAYA                                                 |
| 1CF6C |  | ZNAMENNY NEUME REVERSED CHELYUSTKA                                                         | 1CF98 |  | ZNAMENNY NEUME STRELA<br>KLYUCHEPOVODNAYA                                               |
| 1CF6D |  | ZNAMENNY NEUME DERBITSA                                                                    | 1CF99 |  | ZNAMENNY NEUME STRELA<br>KLYUCHENEPOSTOYANNAYA                                          |
| 1CF6E |  | ZNAMENNY NEUME KHAMILO                                                                     | 1CF9A |  | ZNAMENNY NEUME STRELA TIKHAYA<br>PUTNAYA                                                |
| 1CF6F |  | ZNAMENNY NEUME CHASHKA                                                                     | 1CF9B |  | ZNAMENNY NEUME STRELA DVOEHELNAYA                                                       |
| 1CF70 |  | ZNAMENNY NEUME PODCHASHIE                                                                  | 1CF9C |  | ZNAMENNY NEUME STRELA<br>DVOEHELNOKRYZHEVAYA                                            |
| 1CF71 |  | ZNAMENNY NEUME SKAMEYTSA MRACHNAYA                                                         | 1CF9D |  | ZNAMENNY NEUME STRELA<br>DVOEHELNOPOVODNAYA                                             |
| 1CF72 |  | ZNAMENNY NEUME SKAMEYTSA SVETLAYA                                                          | 1CF9E |  | ZNAMENNY NEUME STRELA DVOEHELNAYA<br>KLYUCHEVAYA                                        |
| 1CF73 |  | ZNAMENNY NEUME SKAMEYTSA<br>TRESVETLAYA                                                    | 1CF9F |  | ZNAMENNY NEUME STRELA<br>DVOEHELNOPOVODNAYA KLYUCHEVAYA                                 |
| 1CF74 |  | ZNAMENNY NEUME SKAMEYTSA TIKHAYA                                                           | 1CFA0 |  | ZNAMENNY NEUME STRELA GROMNAYA WITH<br>SINGLE ZAPYATAYA                                 |
| 1CF75 |  | ZNAMENNY NEUME DEMESTVENNY KLYUCH<br>= skameytsa klyuchevaya                               | 1CFA1 |  | ZNAMENNY NEUME STRELA<br>GROMOPOVODNAYA WITH SINGLE<br>ZAPYATAYA                        |
| 1CF76 |  | ZNAMENNY NEUME SKAMEYTSA<br>KLYUCHEVAYA SVETLAYA                                           | 1CFA2 |  | ZNAMENNY NEUME STRELA GROMNAYA                                                          |
| 1CF77 |  | ZNAMENNY NEUME SKAMEYTSA<br>KLYUCHENEPOSTOYANNAYA                                          | 1CFA3 |  | ZNAMENNY NEUME STRELA<br>GROMOPOVODNAYA                                                 |
| 1CF78 |  | ZNAMENNY NEUME SKAMEYTSA<br>KLYUCHEVAYA TIKHAYA                                            | 1CFA4 |  | ZNAMENNY NEUME STRELA<br>GROMOPOVODNAYA WITH DOUBLE<br>ZAPYATAYA                        |
| 1CF79 |  | ZNAMENNY NEUME SKAMEYTSA<br>DVOEHELNAYA PROSTAYA                                           | 1CFA5 |  | ZNAMENNY NEUME STRELA<br>GROMOKRYZHEVAYA                                                |
| 1CF7A |  | ZNAMENNY NEUME SKAMEYTSA<br>DVOEHELNAYA SVETLAYA                                           | 1CFA6 |  | ZNAMENNY NEUME STRELA<br>GROMOKRYZHEVAYA POVODNAYA<br>= strela gromomrachnaya s kryzhem |
| 1CF7B |  | ZNAMENNY NEUME SKAMEYTSA<br>DVOEHELNAYA NEPOSTOYANNAYA                                     | 1CFA7 |  | ZNAMENNY NEUME MECHIK                                                                   |
| 1CF7C |  | ZNAMENNY NEUME SKAMEYTSA<br>DVOEHELNAYA KLYUCHEVAYA                                        | 1CFA8 |  | ZNAMENNY NEUME MECHIK POVODNY                                                           |
| 1CF7D |  | ZNAMENNY NEUME SLOZHITIE                                                                   | 1CFA9 |  | ZNAMENNY NEUME MECHIK KLYUCHEVOY                                                        |
| 1CF7E |  | ZNAMENNY NEUME SLOZHITIE S ZAPYATOY                                                        |       |                                                                                     |                                                                                         |
| 1CF7F |  | ZNAMENNY NEUME SLOZHITIE ZAKRYTOE                                                          |       |                                                                                     |                                                                                         |
| 1CF80 |  | ZNAMENNY NEUME SLOZHITIE S KRYZHEM                                                         |       |                                                                                     |                                                                                         |
| 1CF81 |  | ZNAMENNY NEUME KRYZH                                                                       |       |                                                                                     |                                                                                         |
| 1CF82 |  | ZNAMENNY NEUME ROG                                                                         |       |                                                                                     |                                                                                         |
| 1CF83 |  | ZNAMENNY NEUME FITA                                                                        |       |                                                                                     |                                                                                         |
| 1CF84 |  | ZNAMENNY NEUME KOBYLA                                                                      |       |                                                                                     |                                                                                         |

|       |                                                                                     |                                                                                                              |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1CFAA |    | ZNAMENNY NEUME MECHIK<br>KLYUCHEPOVODNY                                                                      |
| 1CFAB |    | ZNAMENNY NEUME MECHIK<br>KLYUCHENEPOSTOYANNY                                                                 |
| 1CFAC |    | ZNAMENNY NEUME STRELA<br>TRYASOGLASNAYA                                                                      |
| 1CFAD |    | ZNAMENNY NEUME STRELA<br>TRYASOPOVODNAYA                                                                     |
| 1CFAE |    | ZNAMENNY NEUME STRELA<br>TRYASOSTRELNAYA                                                                     |
| 1CFAF |    | ZNAMENNY NEUME OSOKA                                                                                         |
| 1CFB0 |    | ZNAMENNY NEUME OSOKA SVETLAYA                                                                                |
| 1CFB1 |    | ZNAMENNY NEUME OSOKA TRESVETLAYA<br>= osoka nepostoyannaya                                                   |
| 1CFB2 |    | ZNAMENNY NEUME OSOKA KRYUKOVAYA<br>SVETLAYA                                                                  |
| 1CFB3 |    | ZNAMENNY NEUME OSOKA KLYUCHEVAYA<br>SVETLAYA                                                                 |
| 1CFB4 |    | ZNAMENNY NEUME OSOKA KLYUCHEVAYA<br>NEPOSTOYANNAYA                                                           |
| 1CFB5 |    | ZNAMENNY NEUME STRELA KRYUKOVAYA                                                                             |
| 1CFB6 |    | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>POVODNAYA                                                                |
| 1CFB7 |    | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMNAYA WITH SINGLE ZAPYATAYA                                           |
| 1CFB8 |    | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMOPOVODNAYA WITH SINGLE<br>ZAPYATAYA                                  |
| 1CFB9 |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMNAYA                                                                 |
| 1CFBA |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMOPOVODNAYA                                                           |
| 1CFBB |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMOPOVODNAYA WITH DOUBLE<br>ZAPYATAYA                                  |
| 1CFBC |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMOKRYZHEVAYA                                                          |
| 1CFBD |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>GROMOKRYZHEVAYA POVODNAYA<br>= strela kryukovaya gromomrchnaya s kryzhem |
| 1CFBE |  | ZNAMENNY NEUME STRELA KRYUKOVAYA<br>TRYASKA                                                                  |
| 1CFBF |  | ZNAMENNY NEUME KUFISMA                                                                                       |
| 1CFC0 |  | ZNAMENNY NEUME OBLAKO                                                                                        |
| 1CFC1 |  | ZNAMENNY NEUME DUDA                                                                                          |
| 1CFC2 |  | ZNAMENNY NEUME NEMKA                                                                                         |
| 1CFC3 |  | ZNAMENNY NEUME PAUK                                                                                          |

|   | 1D10 | 1D11 | 1D12 | 1D13 | 1D14 | 1D15 | 1D16 | 1D17 | 1D18 | 1D19 | 1D1A | 1D1B | 1D1C | 1D1D | 1D1E | 1D1F |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 3 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| B |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| D |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| E |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| F |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



**Bars**

|       |       |                                      |
|-------|-------|--------------------------------------|
| 1D100 |       | MUSICAL SYMBOL SINGLE BARLINE        |
| 1D101 |       | MUSICAL SYMBOL DOUBLE BARLINE        |
| 1D102 |       | MUSICAL SYMBOL FINAL BARLINE         |
| 1D103 |       | MUSICAL SYMBOL REVERSE FINAL BARLINE |
| 1D104 | - - - | MUSICAL SYMBOL DASHED BARLINE        |
| 1D105 |       | MUSICAL SYMBOL SHORT BARLINE         |

**Codas**

|       |             |                                  |
|-------|-------------|----------------------------------|
| 1D106 | :           | MUSICAL SYMBOL LEFT REPEAT SIGN  |
| 1D107 | :           | MUSICAL SYMBOL RIGHT REPEAT SIGN |
| 1D108 | :           | MUSICAL SYMBOL REPEAT DOTS       |
| 1D109 | <i>n.s.</i> | MUSICAL SYMBOL DAL SEGNO         |
| 1D10A | <i>n.c.</i> | MUSICAL SYMBOL DA CAPO           |
| 1D10B | ⌘           | MUSICAL SYMBOL SEGNO             |
| 1D10C | ◦           | MUSICAL SYMBOL CODA              |

**Figure repetitions**

|       |    |                                  |
|-------|----|----------------------------------|
| 1D10D | /  | MUSICAL SYMBOL REPEATED FIGURE-1 |
| 1D10E | ⧻  | MUSICAL SYMBOL REPEATED FIGURE-2 |
| 1D10F | ⧻⧻ | MUSICAL SYMBOL REPEATED FIGURE-3 |

**Holds and pauses**

|       |   |                              |
|-------|---|------------------------------|
| 1D110 | ⌒ | MUSICAL SYMBOL FERMATA       |
| 1D111 | ⌒ | MUSICAL SYMBOL FERMATA BELOW |
| 1D112 | ⌒ | MUSICAL SYMBOL BREATH MARK   |
| 1D113 | ⧻ | MUSICAL SYMBOL CAESURA       |

**Staff brackets**

|       |   |                        |
|-------|---|------------------------|
| 1D114 | { | MUSICAL SYMBOL BRACE   |
| 1D115 | [ | MUSICAL SYMBOL BRACKET |

**Staves**

|       |       |                                 |
|-------|-------|---------------------------------|
| 1D116 | —     | MUSICAL SYMBOL ONE-LINE STAFF   |
| 1D117 | ==    | MUSICAL SYMBOL TWO-LINE STAFF   |
| 1D118 | ===   | MUSICAL SYMBOL THREE-LINE STAFF |
| 1D119 | ====  | MUSICAL SYMBOL FOUR-LINE STAFF  |
| 1D11A | ===== | MUSICAL SYMBOL FIVE-LINE STAFF  |
| 1D11B | ===== | MUSICAL SYMBOL SIX-LINE STAFF   |

**Tablature**

|       |   |                                      |
|-------|---|--------------------------------------|
| 1D11C | ▢ | MUSICAL SYMBOL SIX-STRING FRETBOARD  |
| 1D11D | ▣ | MUSICAL SYMBOL FOUR-STRING FRETBOARD |

**Clefs**

|       |         |                                    |
|-------|---------|------------------------------------|
| 1D11E | ♩       | MUSICAL SYMBOL G CLEF              |
|       | → 1F3BC | ♩ musical score                    |
| 1D11F | ♩       | MUSICAL SYMBOL G CLEF OTTAVA ALTA  |
| 1D120 | ♩       | MUSICAL SYMBOL G CLEF OTTAVA BASSA |
| 1D121 | ♩       | MUSICAL SYMBOL C CLEF              |
| 1D122 | ♩       | MUSICAL SYMBOL F CLEF              |
| 1D123 | ♩       | MUSICAL SYMBOL F CLEF OTTAVA ALTA  |
| 1D124 | ♩       | MUSICAL SYMBOL F CLEF OTTAVA BASSA |
| 1D125 | ⌌       | MUSICAL SYMBOL DRUM CLEF-1         |
| 1D126 | ⌌       | MUSICAL SYMBOL DRUM CLEF-2         |

**Rest**

|       |         |                                                                                  |
|-------|---------|----------------------------------------------------------------------------------|
| 1D129 | —       | MUSICAL SYMBOL MULTIPLE MEASURE REST                                             |
|       | •       | used to represent rests of arbitrary lengths, extending across multiple measures |
|       | → 1D13A | ■ musical symbol multi rest                                                      |

**Accidentals**

The most common accidentals are encoded in the *Miscellaneous Symbols block*.

→ 266D ♭ music flat sign

→ 266E ♮ music natural sign

→ 266F ♯ music sharp sign

|       |   |                                   |
|-------|---|-----------------------------------|
| 1D12A | × | MUSICAL SYMBOL DOUBLE SHARP       |
| 1D12B | ♭ | MUSICAL SYMBOL DOUBLE FLAT        |
| 1D12C | ♭ | MUSICAL SYMBOL FLAT UP            |
| 1D12D | ♭ | MUSICAL SYMBOL FLAT DOWN          |
| 1D12E | ♮ | MUSICAL SYMBOL NATURAL UP         |
| 1D12F | ♮ | MUSICAL SYMBOL NATURAL DOWN       |
| 1D130 | ♯ | MUSICAL SYMBOL SHARP UP           |
| 1D131 | ♯ | MUSICAL SYMBOL SHARP DOWN         |
| 1D132 | ♯ | MUSICAL SYMBOL QUARTER TONE SHARP |
| 1D133 | ♭ | MUSICAL SYMBOL QUARTER TONE FLAT  |

**Time signatures**

|       |   |                            |
|-------|---|----------------------------|
| 1D134 | ♩ | MUSICAL SYMBOL COMMON TIME |
| 1D135 | ♩ | MUSICAL SYMBOL CUT TIME    |

**Octaves**

|       |                  |                                   |
|-------|------------------|-----------------------------------|
| 1D136 | 8 <sup>va</sup>  | MUSICAL SYMBOL OTTAVA ALTA        |
| 1D137 | 8 <sup>va</sup>  | MUSICAL SYMBOL OTTAVA BASSA       |
| 1D138 | 15 <sup>ma</sup> | MUSICAL SYMBOL QUINDICESIMA ALTA  |
| 1D139 | 15 <sup>ma</sup> | MUSICAL SYMBOL QUINDICESIMA BASSA |

**Rests**

|       |         |                                               |
|-------|---------|-----------------------------------------------|
| 1D13A | ■       | MUSICAL SYMBOL MULTI REST                     |
|       |         | = double whole-rest, breve rest               |
|       | → 1D129 | — musical symbol multiple measure rest        |
| 1D13B | —       | MUSICAL SYMBOL WHOLE REST                     |
|       |         | = semibreve rest                              |
| 1D13C | —       | MUSICAL SYMBOL HALF REST                      |
|       |         | = minim rest                                  |
| 1D13D | ♩       | MUSICAL SYMBOL QUARTER REST                   |
|       |         | = crochet rest                                |
| 1D13E | ♪       | MUSICAL SYMBOL EIGHTH REST                    |
|       |         | = quaver rest                                 |
| 1D13F | ♪       | MUSICAL SYMBOL SIXTEENTH REST                 |
|       |         | = semiquaver rest                             |
| 1D140 | ♪       | MUSICAL SYMBOL THIRTY-SECOND REST             |
|       |         | = demisemiquaver rest                         |
| 1D141 | ♪       | MUSICAL SYMBOL SIXTY-FOURTH REST              |
|       |         | = hemidemisemiquaver rest,                    |
|       |         | semidemisemiquaver rest                       |
| 1D142 | ♪       | MUSICAL SYMBOL ONE HUNDRED TWENTY-EIGHTH REST |
|       |         | = semihemidemisemiquaver rest,                |
|       |         | quasihemidemisemiquaver rest                  |

**Noteheads**

|       |   |                                              |
|-------|---|----------------------------------------------|
| 1D143 | × | MUSICAL SYMBOL X NOTEHEAD                    |
| 1D144 | + | MUSICAL SYMBOL PLUS NOTEHEAD                 |
| 1D145 | ◦ | MUSICAL SYMBOL CIRCLE X NOTEHEAD             |
| 1D146 | ◻ | MUSICAL SYMBOL SQUARE NOTEHEAD WHITE         |
| 1D147 | ◼ | MUSICAL SYMBOL SQUARE NOTEHEAD BLACK         |
| 1D148 | ◵ | MUSICAL SYMBOL TRIANGLE NOTEHEAD UP WHITE    |
| 1D149 | ◴ | MUSICAL SYMBOL TRIANGLE NOTEHEAD UP BLACK    |
| 1D14A | ◶ | MUSICAL SYMBOL TRIANGLE NOTEHEAD LEFT WHITE  |
| 1D14B | ◷ | MUSICAL SYMBOL TRIANGLE NOTEHEAD LEFT BLACK  |
| 1D14C | ◸ | MUSICAL SYMBOL TRIANGLE NOTEHEAD RIGHT WHITE |
| 1D14D | ◹ | MUSICAL SYMBOL TRIANGLE NOTEHEAD RIGHT BLACK |



|       |   |                                                   |
|-------|---|---------------------------------------------------|
| 1D14E | ▼ | MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN WHITE       |
| 1D14F | ▼ | MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN BLACK       |
| 1D150 | ↗ | MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT WHITE   |
| 1D151 | ↗ | MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT BLACK   |
| 1D152 | ○ | MUSICAL SYMBOL MOON NOTEHEAD WHITE                |
| 1D153 | ● | MUSICAL SYMBOL MOON NOTEHEAD BLACK                |
| 1D154 | ▼ | MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN WHITE |
| 1D155 | ▼ | MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN BLACK |
| 1D156 | ⌋ | MUSICAL SYMBOL PARENTHESIS NOTEHEAD               |
| 1D157 | ○ | MUSICAL SYMBOL VOID NOTEHEAD                      |
| 1D158 | ● | MUSICAL SYMBOL NOTEHEAD BLACK                     |
| 1D159 | □ | MUSICAL SYMBOL NULL NOTEHEAD                      |
| 1D15A | □ | MUSICAL SYMBOL CLUSTER NOTEHEAD WHITE             |
| 1D15B | ■ | MUSICAL SYMBOL CLUSTER NOTEHEAD BLACK             |

**Notes**

|       |   |                                                                                                                       |
|-------|---|-----------------------------------------------------------------------------------------------------------------------|
| 1D15C | ∞ | MUSICAL SYMBOL BREVE                                                                                                  |
| 1D15D | ○ | MUSICAL SYMBOL WHOLE NOTE<br>= semibreve                                                                              |
| 1D15E | ♩ | MUSICAL SYMBOL HALF NOTE<br>= minim<br>≡ 1D157 • 1D165                                                                |
| 1D15F | ♪ | MUSICAL SYMBOL QUARTER NOTE<br>= crotchet<br>→ 2669 ♩ quarter note<br>≡ 1D158 • 1D165                                 |
| 1D160 | ♫ | MUSICAL SYMBOL EIGHTH NOTE<br>= quaver<br>→ 266A ♪ eighth note<br>≡ 1D15F ♩ 1D16E                                     |
| 1D161 | ♫ | MUSICAL SYMBOL SIXTEENTH NOTE<br>= semiquaver<br>≡ 1D15F ♩ 1D16F                                                      |
| 1D162 | ♫ | MUSICAL SYMBOL THIRTY-SECOND NOTE<br>= demisemiquaver<br>≡ 1D15F ♩ 1D170                                              |
| 1D163 | ♫ | MUSICAL SYMBOL SIXTY-FOURTH NOTE<br>= hemidemisemiquaver, semidemisemiquaver<br>≡ 1D15F ♩ 1D171                       |
| 1D164 | ♫ | MUSICAL SYMBOL ONE HUNDRED TWENTY-EIGHTH NOTE<br>= semihemidemisemiquaver, quasihemidemisemiquaver<br>≡ 1D15F ♩ 1D172 |

**Stems**

|       |   |                                            |
|-------|---|--------------------------------------------|
| 1D165 | ⌋ | MUSICAL SYMBOL COMBINING STEM              |
| 1D166 | ⌋ | MUSICAL SYMBOL COMBINING SPRECHGESANG STEM |

**Tremolos**

|       |   |                                    |
|-------|---|------------------------------------|
| 1D167 | ⌋ | MUSICAL SYMBOL COMBINING TREMOLO-1 |
| 1D168 | ⌋ | MUSICAL SYMBOL COMBINING TREMOLO-2 |
| 1D169 | ⌋ | MUSICAL SYMBOL COMBINING TREMOLO-3 |
| 1D16A | ⌋ | MUSICAL SYMBOL FINGERED TREMOLO-1  |
| 1D16B | ⌋ | MUSICAL SYMBOL FINGERED TREMOLO-2  |
| 1D16C | ⌋ | MUSICAL SYMBOL FINGERED TREMOLO-3  |

**Augmentation dot**

|       |   |                                           |
|-------|---|-------------------------------------------|
| 1D16D | ⌋ | MUSICAL SYMBOL COMBINING AUGMENTATION DOT |
|-------|---|-------------------------------------------|

**Flags**

|       |   |                                 |
|-------|---|---------------------------------|
| 1D16E | ⌋ | MUSICAL SYMBOL COMBINING FLAG-1 |
| 1D16F | ⌋ | MUSICAL SYMBOL COMBINING FLAG-2 |
| 1D170 | ⌋ | MUSICAL SYMBOL COMBINING FLAG-3 |
| 1D171 | ⌋ | MUSICAL SYMBOL COMBINING FLAG-4 |
| 1D172 | ⌋ | MUSICAL SYMBOL COMBINING FLAG-5 |

**Beams and slurs**

|       |   |                             |
|-------|---|-----------------------------|
| 1D173 | ⌋ | MUSICAL SYMBOL BEGIN BEAM   |
| 1D174 | ⌋ | MUSICAL SYMBOL END BEAM     |
| 1D175 | ⌋ | MUSICAL SYMBOL BEGIN TIE    |
| 1D176 | ⌋ | MUSICAL SYMBOL END TIE      |
| 1D177 | ⌋ | MUSICAL SYMBOL BEGIN SLUR   |
| 1D178 | ⌋ | MUSICAL SYMBOL END SLUR     |
| 1D179 | ⌋ | MUSICAL SYMBOL BEGIN PHRASE |
| 1D17A | ⌋ | MUSICAL SYMBOL END PHRASE   |

**Articulation**

|       |   |                                           |
|-------|---|-------------------------------------------|
| 1D17B | ⌋ | MUSICAL SYMBOL COMBINING ACCENT           |
| 1D17C | ⌋ | MUSICAL SYMBOL COMBINING STACCATO         |
| 1D17D | ⌋ | MUSICAL SYMBOL COMBINING TENUTO           |
| 1D17E | ⌋ | MUSICAL SYMBOL COMBINING STACCATISSIMO    |
| 1D17F | ⌋ | MUSICAL SYMBOL COMBINING MARCATO          |
| 1D180 | ⌋ | MUSICAL SYMBOL COMBINING MARCATO-STACCATO |
| 1D181 | ⌋ | MUSICAL SYMBOL COMBINING ACCENT-STACCATO  |
| 1D182 | ⌋ | MUSICAL SYMBOL COMBINING LOURE            |
| 1D183 | ⌋ | MUSICAL SYMBOL ARPEGGIATO UP              |
| 1D184 | ⌋ | MUSICAL SYMBOL ARPEGGIATO DOWN            |
| 1D185 | ⌋ | MUSICAL SYMBOL COMBINING DOIT             |
| 1D186 | ⌋ | MUSICAL SYMBOL COMBINING RIP              |
| 1D187 | ⌋ | MUSICAL SYMBOL COMBINING FLIP             |
| 1D188 | ⌋ | MUSICAL SYMBOL COMBINING SMEAR            |
| 1D189 | ⌋ | MUSICAL SYMBOL COMBINING BEND             |
| 1D18A | ⌋ | MUSICAL SYMBOL COMBINING DOUBLE TONGUE    |
| 1D18B | ⌋ | MUSICAL SYMBOL COMBINING TRIPLE TONGUE    |
| 1D18C | ⌋ | MUSICAL SYMBOL RINFORZANDO                |
| 1D18D | ⌋ | MUSICAL SYMBOL SUBITO                     |
| 1D18E | ⌋ | MUSICAL SYMBOL Z                          |

**Dynamics**

|       |   |                            |
|-------|---|----------------------------|
| 1D18F | ⌋ | MUSICAL SYMBOL PIANO       |
| 1D190 | ⌋ | MUSICAL SYMBOL MEZZO       |
| 1D191 | ⌋ | MUSICAL SYMBOL FORTE       |
| 1D192 | ⌋ | MUSICAL SYMBOL CRESCENDO   |
| 1D193 | ⌋ | MUSICAL SYMBOL DECRESCENDO |

**Ornaments**

|       |   |                                    |
|-------|---|------------------------------------|
| 1D194 | ⌋ | MUSICAL SYMBOL GRACE NOTE SLASH    |
| 1D195 | ⌋ | MUSICAL SYMBOL GRACE NOTE NO SLASH |
| 1D196 | ⌋ | MUSICAL SYMBOL TR                  |
| 1D197 | ⌋ | MUSICAL SYMBOL TURN                |
| 1D198 | ⌋ | MUSICAL SYMBOL INVERTED TURN       |
| 1D199 | ⌋ | MUSICAL SYMBOL TURN SLASH          |
| 1D19A | ⌋ | MUSICAL SYMBOL TURN UP             |
| 1D19B | ⌋ | MUSICAL SYMBOL ORNAMENT STROKE-1   |
| 1D19C | ⌋ | MUSICAL SYMBOL ORNAMENT STROKE-2   |

|       |   |                                   |
|-------|---|-----------------------------------|
| 1D19D | ✱ | MUSICAL SYMBOL ORNAMENT STROKE-3  |
| 1D19E | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-4  |
| 1D19F | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-5  |
| 1D1A0 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-6  |
| 1D1A1 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-7  |
| 1D1A2 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-8  |
| 1D1A3 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-9  |
| 1D1A4 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-10 |
| 1D1A5 | ⋈ | MUSICAL SYMBOL ORNAMENT STROKE-11 |

**Analytics**

|       |   |                              |
|-------|---|------------------------------|
| 1D1A6 | ⋈ | MUSICAL SYMBOL HAUPTSTIMME   |
| 1D1A7 | ⋈ | MUSICAL SYMBOL NEBENSTIMME   |
| 1D1A8 | ⋈ | MUSICAL SYMBOL END OF STIMME |
| 1D1A9 | ⋈ | MUSICAL SYMBOL DEGREE SLASH  |

**Instrumentation**

|       |   |                                         |
|-------|---|-----------------------------------------|
| 1D1AA | ⋈ | MUSICAL SYMBOL COMBINING DOWN BOW       |
| 1D1AB | ⋈ | MUSICAL SYMBOL COMBINING UP BOW         |
| 1D1AC | ⋈ | MUSICAL SYMBOL COMBINING HARMONIC       |
| 1D1AD | ⋈ | MUSICAL SYMBOL COMBINING SNAP PIZZICATO |

**Pedals**

|       |   |                                |
|-------|---|--------------------------------|
| 1D1AE | ⋈ | MUSICAL SYMBOL PEDAL MARK      |
| 1D1AF | ⋈ | MUSICAL SYMBOL PEDAL UP MARK   |
| 1D1B0 | ⋈ | MUSICAL SYMBOL HALF PEDAL MARK |

**Miscellaneous symbols**

|       |   |                                 |
|-------|---|---------------------------------|
| 1D1B1 | ⋈ | MUSICAL SYMBOL GLISSANDO UP     |
| 1D1B2 | ⋈ | MUSICAL SYMBOL GLISSANDO DOWN   |
| 1D1B3 | ⋈ | MUSICAL SYMBOL WITH FINGERNAILS |
| 1D1B4 | ⋈ | MUSICAL SYMBOL DAMP             |
| 1D1B5 | ⋈ | MUSICAL SYMBOL DAMP ALL         |

**Mensural notation**

*The following range is specific to Mensural notation.*

**Mensural notes**

|       |   |                                 |
|-------|---|---------------------------------|
| 1D1B6 | ⋈ | MUSICAL SYMBOL MAXIMA           |
| 1D1B7 | ⋈ | MUSICAL SYMBOL LONGA            |
| 1D1B8 | ⋈ | MUSICAL SYMBOL BREVIS           |
| 1D1B9 | ⋈ | MUSICAL SYMBOL SEMIBREVIS WHITE |
| 1D1BA | ⋈ | MUSICAL SYMBOL SEMIBREVIS BLACK |
| 1D1BB | ⋈ | MUSICAL SYMBOL MINIMA           |
| 1D1BC | ⋈ | MUSICAL SYMBOL MINIMA BLACK     |
| 1D1BD | ⋈ | MUSICAL SYMBOL SEMIMINIMA WHITE |
| 1D1BE | ⋈ | MUSICAL SYMBOL SEMIMINIMA BLACK |
| 1D1BF | ⋈ | MUSICAL SYMBOL FUSA WHITE       |
| 1D1C0 | ⋈ | MUSICAL SYMBOL FUSA BLACK       |

**Mensural rests**

|       |   |                                      |
|-------|---|--------------------------------------|
| 1D1C1 | ⋈ | MUSICAL SYMBOL LONGA PERFECTA REST   |
| 1D1C2 | ⋈ | MUSICAL SYMBOL LONGA IMPERFECTA REST |
| 1D1C3 | ⋈ | MUSICAL SYMBOL BREVIS REST           |
| 1D1C4 | ⋈ | MUSICAL SYMBOL SEMIBREVIS REST       |
| 1D1C5 | ⋈ | MUSICAL SYMBOL MINIMA REST           |
| 1D1C6 | ⋈ | MUSICAL SYMBOL SEMIMINIMA REST       |

**Mensural prolations**

|       |   |                                                                          |
|-------|---|--------------------------------------------------------------------------|
| 1D1C7 | ⋈ | MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA                  |
| 1D1C8 | ⋈ | MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE IMPERFECTA                |
| 1D1C9 | ⋈ | MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA DIMINUTION-1     |
| 1D1CA | ⋈ | MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE PERFECTA                |
| 1D1CB | ⋈ | MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA              |
| 1D1CC | ⋈ | MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-1 |
| 1D1CD | ⋈ | MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-2 |
| 1D1CE | ⋈ | MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-3 |

**Miscellaneous symbol**

|       |   |                      |
|-------|---|----------------------|
| 1D1CF | ✱ | MUSICAL SYMBOL CROIX |
|-------|---|----------------------|

**Gregorian notation**

*The following range is specific to Gregorian notation.*

**Clefs**

|       |   |                                 |
|-------|---|---------------------------------|
| 1D1D0 | ⋈ | MUSICAL SYMBOL GREGORIAN C CLEF |
| 1D1D1 | ⋈ | MUSICAL SYMBOL GREGORIAN F CLEF |

**Accidental**

|       |   |                         |
|-------|---|-------------------------|
| 1D1D2 | ⋈ | MUSICAL SYMBOL SQUARE B |
|-------|---|-------------------------|

**Notes**

|       |   |                                   |
|-------|---|-----------------------------------|
| 1D1D3 | ⋈ | MUSICAL SYMBOL VIRGA              |
| 1D1D4 | ⋈ | MUSICAL SYMBOL PODATUS            |
| 1D1D5 | ⋈ | MUSICAL SYMBOL CLIVIS             |
| 1D1D6 | ⋈ | MUSICAL SYMBOL SCANDICUS          |
| 1D1D7 | ⋈ | MUSICAL SYMBOL CLIMACUS           |
| 1D1D8 | ⋈ | MUSICAL SYMBOL TORCULUS           |
| 1D1D9 | ⋈ | MUSICAL SYMBOL PORRECTUS          |
| 1D1DA | ⋈ | MUSICAL SYMBOL PORRECTUS FLEXUS   |
| 1D1DB | ⋈ | MUSICAL SYMBOL SCANDICUS FLEXUS   |
| 1D1DC | ⋈ | MUSICAL SYMBOL TORCULUS RESUPINUS |
| 1D1DD | ⋈ | MUSICAL SYMBOL PES SUBPUNCTIS     |

**Kievan notation**

*The following range is specific to Kievan notation.*

**Clef**

|       |   |                              |
|-------|---|------------------------------|
| 1D1DE | ⋈ | MUSICAL SYMBOL KIEVAN C CLEF |
|       |   | • Tsefaut (do or fa) clef    |

**Ornamentation**

|       |   |                                    |
|-------|---|------------------------------------|
| 1D1DF | ⋈ | MUSICAL SYMBOL KIEVAN END OF PIECE |
|-------|---|------------------------------------|

**Notes**

|       |   |                                                   |
|-------|---|---------------------------------------------------|
| 1D1E0 | ⋈ | MUSICAL SYMBOL KIEVAN FINAL NOTE                  |
|       |   | • nominal note located between the two rectangles |
| 1D1E1 | ⋈ | MUSICAL SYMBOL KIEVAN RECITATIVE MARK             |
|       |   | • nominal note located between the two rectangles |
| 1D1E2 | ⋈ | MUSICAL SYMBOL KIEVAN WHOLE NOTE                  |
|       |   | • nominal note located between the two diamonds   |
| 1D1E3 | ⋈ | MUSICAL SYMBOL KIEVAN HALF NOTE                   |
| 1D1E4 | ⋈ | MUSICAL SYMBOL KIEVAN QUARTER NOTE STEM DOWN      |

- 1D1E5    MUSICAL SYMBOL KIEVAN QUARTER NOTE  
STEM UP
- 1D1E6    MUSICAL SYMBOL KIEVAN EIGHTH NOTE STEM  
DOWN
- 1D1E7    MUSICAL SYMBOL KIEVAN EIGHTH NOTE STEM  
UP

**Accidental**

- 1D1E8    MUSICAL SYMBOL KIEVAN FLAT SIGN

**Iranian notation**

*The following range is specific to Iranian classical music.*

**Accidentals for quarter tones**

- |       |                                                                                   |                      |
|-------|-----------------------------------------------------------------------------------|----------------------|
| 1D1E9 |  | MUSICAL SYMBOL SORI  |
| 1D1EA |  | MUSICAL SYMBOL KORON |

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|   | 1D2C                                                                                         | 1D2D                                                                                       |
|---|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0 | <br>1D2C0   | <br>1D2D0 |
| 1 | <br>1D2C1   | <br>1D2D1 |
| 2 | <br>1D2C2   | <br>1D2D2 |
| 3 | <br>1D2C3   | <br>1D2D3 |
| 4 | <br>1D2C4   |                                                                                            |
| 5 | <br>1D2C5   |                                                                                            |
| 6 | <br>1D2C6  |                                                                                            |
| 7 | <br>1D2C7 |                                                                                            |
| 8 | <br>1D2C8 |                                                                                            |
| 9 | <br>1D2C9 |                                                                                            |
| A | <br>1D2CA |                                                                                            |
| B | <br>1D2CB |                                                                                            |
| C | <br>1D2CC |                                                                                            |
| D | <br>1D2CD |                                                                                            |
| E | <br>1D2CE |                                                                                            |
| F | <br>1D2CF |                                                                                            |

#### Numerals

|       |                                                                                   |                            |
|-------|-----------------------------------------------------------------------------------|----------------------------|
| 1D2C0 |  | KAKTOVIK NUMERAL ZERO      |
| 1D2C1 |  | KAKTOVIK NUMERAL ONE       |
| 1D2C2 |  | KAKTOVIK NUMERAL TWO       |
| 1D2C3 |  | KAKTOVIK NUMERAL THREE     |
| 1D2C4 |  | KAKTOVIK NUMERAL FOUR      |
| 1D2C5 |  | KAKTOVIK NUMERAL FIVE      |
| 1D2C6 |  | KAKTOVIK NUMERAL SIX       |
| 1D2C7 |  | KAKTOVIK NUMERAL SEVEN     |
| 1D2C8 |  | KAKTOVIK NUMERAL EIGHT     |
| 1D2C9 |  | KAKTOVIK NUMERAL NINE      |
| 1D2CA |  | KAKTOVIK NUMERAL TEN       |
| 1D2CB |  | KAKTOVIK NUMERAL ELEVEN    |
| 1D2CC |  | KAKTOVIK NUMERAL TWELVE    |
| 1D2CD |  | KAKTOVIK NUMERAL THIRTEEN  |
| 1D2CE |  | KAKTOVIK NUMERAL FOURTEEN  |
| 1D2CF |  | KAKTOVIK NUMERAL FIFTEEN   |
| 1D2D0 |  | KAKTOVIK NUMERAL SIXTEEN   |
| 1D2D1 |  | KAKTOVIK NUMERAL SEVENTEEN |
| 1D2D2 |  | KAKTOVIK NUMERAL EIGHTEEN  |
| 1D2D3 |  | KAKTOVIK NUMERAL NINETEEN  |

|   | 1D40              | 1D41              | 1D42              | 1D43              | 1D44              | 1D45              | 1D46              | 1D47              | 1D48              | 1D49              | 1D4A              | 1D4B              | 1D4C              | 1D4D              | 1D4E              | 1D4F              |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0 | <b>A</b><br>1D400 | <b>Q</b><br>1D410 | <b>g</b><br>1D420 | <b>w</b><br>1D430 | <b>M</b><br>1D440 | <b>c</b><br>1D450 | <b>s</b><br>1D460 | <b>I</b><br>1D470 | <b>Y</b><br>1D480 | <b>o</b><br>1D490 |                   | <b>U</b><br>1D4B0 | <b>k</b><br>1D4C0 | <b>A</b><br>1D4D0 | <b>Q</b><br>1D4E0 | <b>g</b><br>1D4F0 |
| 1 | <b>B</b><br>1D401 | <b>R</b><br>1D411 | <b>h</b><br>1D421 | <b>x</b><br>1D431 | <b>N</b><br>1D441 | <b>d</b><br>1D451 | <b>t</b><br>1D461 | <b>J</b><br>1D471 | <b>Z</b><br>1D481 | <b>p</b><br>1D491 |                   | <b>V</b><br>1D4B1 | <b>l</b><br>1D4C1 | <b>B</b><br>1D4D1 | <b>R</b><br>1D4E1 | <b>h</b><br>1D4F1 |
| 2 | <b>C</b><br>1D402 | <b>S</b><br>1D412 | <b>i</b><br>1D422 | <b>y</b><br>1D432 | <b>O</b><br>1D442 | <b>e</b><br>1D452 | <b>u</b><br>1D462 | <b>K</b><br>1D472 | <b>a</b><br>1D482 | <b>q</b><br>1D492 | <b>G</b><br>1D4A2 | <b>W</b><br>1D4B2 | <b>m</b><br>1D4C2 | <b>C</b><br>1D4D2 | <b>S</b><br>1D4E2 | <b>i</b><br>1D4F2 |
| 3 | <b>D</b><br>1D403 | <b>T</b><br>1D413 | <b>j</b><br>1D423 | <b>z</b><br>1D433 | <b>P</b><br>1D443 | <b>f</b><br>1D453 | <b>v</b><br>1D463 | <b>L</b><br>1D473 | <b>b</b><br>1D483 | <b>r</b><br>1D493 |                   | <b>X</b><br>1D4B3 | <b>n</b><br>1D4C3 | <b>D</b><br>1D4D3 | <b>T</b><br>1D4E3 | <b>j</b><br>1D4F3 |
| 4 | <b>E</b><br>1D404 | <b>U</b><br>1D414 | <b>k</b><br>1D424 | <b>A</b><br>1D434 | <b>Q</b><br>1D444 | <b>g</b><br>1D454 | <b>w</b><br>1D464 | <b>M</b><br>1D474 | <b>c</b><br>1D484 | <b>s</b><br>1D494 |                   | <b>Y</b><br>1D4B4 |                   | <b>E</b><br>1D4D4 | <b>U</b><br>1D4E4 | <b>k</b><br>1D4F4 |
| 5 | <b>F</b><br>1D405 | <b>V</b><br>1D415 | <b>l</b><br>1D425 | <b>B</b><br>1D435 | <b>R</b><br>1D445 |                   | <b>x</b><br>1D465 | <b>N</b><br>1D475 | <b>d</b><br>1D485 | <b>t</b><br>1D495 | <b>I</b><br>1D4A5 | <b>Z</b><br>1D4B5 | <b>p</b><br>1D4C5 | <b>F</b><br>1D4D5 | <b>V</b><br>1D4E5 | <b>l</b><br>1D4F5 |
| 6 | <b>G</b><br>1D406 | <b>W</b><br>1D416 | <b>m</b><br>1D426 | <b>C</b><br>1D436 | <b>S</b><br>1D446 | <b>i</b><br>1D456 | <b>y</b><br>1D466 | <b>O</b><br>1D476 | <b>e</b><br>1D486 | <b>u</b><br>1D496 | <b>K</b><br>1D4A6 | <b>a</b><br>1D4B6 | <b>q</b><br>1D4C6 | <b>G</b><br>1D4D6 | <b>W</b><br>1D4E6 | <b>m</b><br>1D4F6 |
| 7 | <b>H</b><br>1D407 | <b>X</b><br>1D417 | <b>n</b><br>1D427 | <b>D</b><br>1D437 | <b>T</b><br>1D447 | <b>j</b><br>1D457 | <b>z</b><br>1D467 | <b>P</b><br>1D477 | <b>f</b><br>1D487 | <b>v</b><br>1D497 |                   | <b>U</b><br>1D4B7 | <b>r</b><br>1D4C7 | <b>H</b><br>1D4D7 | <b>X</b><br>1D4E7 | <b>n</b><br>1D4F7 |
| 8 | <b>I</b><br>1D408 | <b>Y</b><br>1D418 | <b>o</b><br>1D428 | <b>E</b><br>1D438 | <b>U</b><br>1D448 | <b>k</b><br>1D458 | <b>A</b><br>1D468 | <b>Q</b><br>1D478 | <b>g</b><br>1D488 | <b>w</b><br>1D498 |                   | <b>c</b><br>1D4B8 | <b>s</b><br>1D4C8 | <b>I</b><br>1D4D8 | <b>Y</b><br>1D4E8 | <b>o</b><br>1D4F8 |
| 9 | <b>J</b><br>1D409 | <b>Z</b><br>1D419 | <b>p</b><br>1D429 | <b>F</b><br>1D439 | <b>V</b><br>1D449 | <b>l</b><br>1D459 | <b>B</b><br>1D469 | <b>R</b><br>1D479 | <b>h</b><br>1D489 | <b>x</b><br>1D499 | <b>N</b><br>1D4A9 | <b>d</b><br>1D4B9 | <b>t</b><br>1D4C9 | <b>J</b><br>1D4D9 | <b>Z</b><br>1D4E9 | <b>p</b><br>1D4F9 |
| A | <b>K</b><br>1D40A | <b>a</b><br>1D41A | <b>q</b><br>1D42A | <b>G</b><br>1D43A | <b>W</b><br>1D44A | <b>m</b><br>1D45A | <b>C</b><br>1D46A | <b>S</b><br>1D47A | <b>i</b><br>1D48A | <b>y</b><br>1D49A | <b>O</b><br>1D4AA |                   | <b>u</b><br>1D4CA | <b>K</b><br>1D4DA | <b>a</b><br>1D4EA | <b>q</b><br>1D4FA |
| B | <b>L</b><br>1D40B | <b>b</b><br>1D41B | <b>r</b><br>1D42B | <b>H</b><br>1D43B | <b>X</b><br>1D44B | <b>n</b><br>1D45B | <b>D</b><br>1D46B | <b>T</b><br>1D47B | <b>j</b><br>1D48B | <b>z</b><br>1D49B | <b>P</b><br>1D4AB | <b>f</b><br>1D4BB | <b>v</b><br>1D4CB | <b>L</b><br>1D4DB | <b>b</b><br>1D4EB | <b>r</b><br>1D4FB |
| C | <b>M</b><br>1D40C | <b>c</b><br>1D41C | <b>s</b><br>1D42C | <b>I</b><br>1D43C | <b>Y</b><br>1D44C | <b>o</b><br>1D45C | <b>E</b><br>1D46C | <b>U</b><br>1D47C | <b>k</b><br>1D48C | <b>A</b><br>1D49C | <b>Q</b><br>1D4AC |                   | <b>w</b><br>1D4CC | <b>M</b><br>1D4DC | <b>c</b><br>1D4EC | <b>s</b><br>1D4FC |
| D | <b>N</b><br>1D40D | <b>d</b><br>1D41D | <b>t</b><br>1D42D | <b>J</b><br>1D43D | <b>Z</b><br>1D44D | <b>p</b><br>1D45D | <b>F</b><br>1D46D | <b>V</b><br>1D47D | <b>l</b><br>1D48D |                   |                   | <b>U</b><br>1D4BD | <b>x</b><br>1D4CD | <b>N</b><br>1D4DD | <b>d</b><br>1D4ED | <b>t</b><br>1D4FD |
| E | <b>O</b><br>1D40E | <b>e</b><br>1D41E | <b>u</b><br>1D42E | <b>K</b><br>1D43E | <b>a</b><br>1D44E | <b>q</b><br>1D45E | <b>G</b><br>1D46E | <b>W</b><br>1D47E | <b>m</b><br>1D48E | <b>C</b><br>1D49E | <b>S</b><br>1D4AE | <b>i</b><br>1D4BE | <b>y</b><br>1D4CE | <b>O</b><br>1D4DE | <b>e</b><br>1D4EE | <b>u</b><br>1D4FE |
| F | <b>P</b><br>1D40F | <b>f</b><br>1D41F | <b>v</b><br>1D42F | <b>L</b><br>1D43F | <b>b</b><br>1D44F | <b>r</b><br>1D45F | <b>H</b><br>1D46F | <b>X</b><br>1D47F | <b>n</b><br>1D48F | <b>D</b><br>1D49F | <b>T</b><br>1D4AF | <b>j</b><br>1D4BF | <b>z</b><br>1D4CF | <b>P</b><br>1D4DF | <b>f</b><br>1D4EF | <b>v</b><br>1D4FF |

|   | 1D50     | 1D51     | 1D52     | 1D53     | 1D54     | 1D55     | 1D56     | 1D57     | 1D58     | 1D59     | 1D5A     | 1D5B     | 1D5C     | 1D5D     | 1D5E     | 1D5F     |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | <i>w</i> | <i>M</i> | <i>c</i> | <i>z</i> | <i>l</i> | <i>Y</i> | <i>o</i> | <i>€</i> | <i>U</i> | <i>f</i> | <i>A</i> | <i>Q</i> | <i>g</i> | <i>w</i> | <i>M</i> | <i>c</i> |
| 1 | <i>x</i> | <i>N</i> | <i>d</i> | <i>t</i> | <i>J</i> |          | <i>p</i> | <i>ƒ</i> | <i>W</i> | <i>l</i> | <i>B</i> | <i>R</i> | <i>h</i> | <i>x</i> | <i>N</i> | <i>d</i> |
| 2 | <i>y</i> | <i>D</i> | <i>e</i> | <i>u</i> | <i>K</i> | <i>a</i> | <i>q</i> | <i>€</i> | <i>W</i> | <i>m</i> | <i>C</i> | <i>S</i> | <i>i</i> | <i>y</i> | <i>O</i> | <i>e</i> |
| 3 | <i>z</i> | <i>P</i> | <i>f</i> | <i>v</i> | <i>L</i> | <i>b</i> | <i>r</i> | <i>ƒ</i> | <i>X</i> | <i>n</i> | <i>D</i> | <i>T</i> | <i>j</i> | <i>z</i> | <i>P</i> | <i>f</i> |
| 4 | <i>U</i> | <i>Q</i> | <i>g</i> | <i>w</i> | <i>M</i> | <i>c</i> | <i>s</i> | <i>ƒ</i> | <i>W</i> | <i>o</i> | <i>E</i> | <i>U</i> | <i>k</i> | <i>A</i> | <i>Q</i> | <i>g</i> |
| 5 | <i>B</i> |          | <i>h</i> | <i>ƒ</i> |          | <i>d</i> | <i>t</i> | <i>ƒ</i> | <i>z</i> | <i>p</i> | <i>F</i> | <i>V</i> | <i>l</i> | <i>B</i> | <i>R</i> | <i>h</i> |
| 6 |          | <i>€</i> | <i>i</i> | <i>h</i> | <i>O</i> | <i>e</i> | <i>u</i> | <i>ƒ</i> | <i>a</i> | <i>q</i> | <i>G</i> | <i>W</i> | <i>m</i> | <i>C</i> | <i>S</i> | <i>i</i> |
| 7 | <i>D</i> | <i>ƒ</i> | <i>j</i> | <i>z</i> |          | <i>f</i> | <i>v</i> | <i>ƒ</i> | <i>h</i> | <i>r</i> | <i>H</i> | <i>X</i> | <i>n</i> | <i>D</i> | <i>T</i> | <i>j</i> |
| 8 | <i>€</i> | <i>U</i> | <i>f</i> | <i>A</i> |          | <i>g</i> | <i>w</i> | <i>M</i> | <i>c</i> | <i>z</i> | <i>I</i> | <i>Y</i> | <i>o</i> | <i>E</i> | <i>U</i> | <i>k</i> |
| 9 | <i>ƒ</i> | <i>W</i> | <i>l</i> | <i>B</i> |          | <i>h</i> | <i>x</i> | <i>N</i> | <i>d</i> | <i>t</i> | <i>J</i> | <i>Z</i> | <i>p</i> | <i>F</i> | <i>V</i> | <i>l</i> |
| A | <i>€</i> | <i>W</i> | <i>m</i> |          | <i>S</i> | <i>i</i> | <i>y</i> | <i>D</i> | <i>e</i> | <i>u</i> | <i>K</i> | <i>a</i> | <i>q</i> | <i>G</i> | <i>W</i> | <i>m</i> |
| B |          | <i>X</i> | <i>n</i> | <i>D</i> | <i>T</i> | <i>j</i> | <i>z</i> | <i>P</i> | <i>f</i> | <i>v</i> | <i>L</i> | <i>b</i> | <i>r</i> | <i>H</i> | <i>X</i> | <i>n</i> |
| C |          | <i>W</i> | <i>o</i> | <i>E</i> | <i>U</i> | <i>k</i> | <i>U</i> | <i>Q</i> | <i>g</i> | <i>w</i> | <i>M</i> | <i>c</i> | <i>s</i> | <i>I</i> | <i>Y</i> | <i>o</i> |
| D | <i>ƒ</i> |          | <i>p</i> | <i>F</i> | <i>V</i> | <i>l</i> | <i>B</i> | <i>N</i> | <i>h</i> | <i>ƒ</i> | <i>N</i> | <i>d</i> | <i>t</i> | <i>J</i> | <i>Z</i> | <i>p</i> |
| E | <i>ƒ</i> | <i>a</i> | <i>q</i> | <i>G</i> | <i>W</i> | <i>m</i> | <i>€</i> | <i>€</i> | <i>i</i> | <i>h</i> | <i>O</i> | <i>e</i> | <i>u</i> | <i>K</i> | <i>a</i> | <i>q</i> |
| F | <i>ƒ</i> | <i>b</i> | <i>r</i> |          | <i>X</i> | <i>n</i> | <i>D</i> | <i>ƒ</i> | <i>j</i> | <i>z</i> | <i>P</i> | <i>f</i> | <i>v</i> | <i>L</i> | <i>b</i> | <i>r</i> |

|   | 1D60              | 1D61              | 1D62              | 1D63              | 1D64              | 1D65              | 1D66              | 1D67              | 1D68              | 1D69              | 1D6A                                                                                 | 1D6B              | 1D6C              | 1D6D              | 1D6E              | 1D6F              |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0 | <b>s</b><br>1D600 | <b>I</b><br>1D610 | <b>Y</b><br>1D620 | <b>o</b><br>1D630 | <b>E</b><br>1D640 | <b>U</b><br>1D650 | <b>k</b><br>1D660 | <b>A</b><br>1D670 | <b>Q</b><br>1D680 | <b>g</b><br>1D690 | <b>w</b><br>1D6A0                                                                    | <b>I</b><br>1D6B0 | <b>Ω</b><br>1D6C0 | <b>o</b><br>1D6D0 | <b>q</b><br>1D6E0 | <b>O</b><br>1D6F0 |
| 1 | <b>t</b><br>1D601 | <b>J</b><br>1D611 | <b>Z</b><br>1D621 | <b>p</b><br>1D631 | <b>F</b><br>1D641 | <b>V</b><br>1D651 | <b>I</b><br>1D661 | <b>B</b><br>1D671 | <b>R</b><br>1D681 | <b>h</b><br>1D691 | <b>x</b><br>1D6A1                                                                    | <b>K</b><br>1D6B1 | <b>∇</b><br>1D6C1 | <b>π</b><br>1D6D1 | <b>ϖ</b><br>1D6E1 | <b>Π</b><br>1D6F1 |
| 2 | <b>u</b><br>1D602 | <b>K</b><br>1D612 | <b>a</b><br>1D622 | <b>q</b><br>1D632 | <b>G</b><br>1D642 | <b>W</b><br>1D652 | <b>m</b><br>1D662 | <b>C</b><br>1D672 | <b>S</b><br>1D682 | <b>i</b><br>1D692 | <b>y</b><br>1D6A2                                                                    | <b>Λ</b><br>1D6B2 | <b>α</b><br>1D6C2 | <b>ρ</b><br>1D6D2 | <b>A</b><br>1D6E2 | <b>P</b><br>1D6F2 |
| 3 | <b>v</b><br>1D603 | <b>L</b><br>1D613 | <b>b</b><br>1D623 | <b>r</b><br>1D633 | <b>H</b><br>1D643 | <b>X</b><br>1D653 | <b>n</b><br>1D663 | <b>D</b><br>1D673 | <b>T</b><br>1D683 | <b>j</b><br>1D693 | <b>z</b><br>1D6A3                                                                    | <b>M</b><br>1D6B3 | <b>β</b><br>1D6C3 | <b>ξ</b><br>1D6D3 | <b>B</b><br>1D6E3 | <b>Θ</b><br>1D6F3 |
| 4 | <b>w</b><br>1D604 | <b>M</b><br>1D614 | <b>c</b><br>1D624 | <b>s</b><br>1D634 | <b>I</b><br>1D644 | <b>Y</b><br>1D654 | <b>o</b><br>1D664 | <b>E</b><br>1D674 | <b>U</b><br>1D684 | <b>k</b><br>1D694 | <b>ι</b><br>1D6A4                                                                    | <b>N</b><br>1D6B4 | <b>γ</b><br>1D6C4 | <b>σ</b><br>1D6D4 | <b>Γ</b><br>1D6E4 | <b>Σ</b><br>1D6F4 |
| 5 | <b>x</b><br>1D605 | <b>N</b><br>1D615 | <b>d</b><br>1D625 | <b>t</b><br>1D635 | <b>J</b><br>1D645 | <b>Z</b><br>1D655 | <b>p</b><br>1D665 | <b>F</b><br>1D675 | <b>V</b><br>1D685 | <b>l</b><br>1D695 | <b>ℓ</b><br>1D6A5                                                                    | <b>E</b><br>1D6B5 | <b>δ</b><br>1D6C5 | <b>τ</b><br>1D6D5 | <b>Δ</b><br>1D6E5 | <b>T</b><br>1D6F5 |
| 6 | <b>y</b><br>1D606 | <b>O</b><br>1D616 | <b>e</b><br>1D626 | <b>u</b><br>1D636 | <b>K</b><br>1D646 | <b>a</b><br>1D656 | <b>q</b><br>1D666 | <b>G</b><br>1D676 | <b>W</b><br>1D686 | <b>m</b><br>1D696 |   | <b>O</b><br>1D6B6 | <b>ε</b><br>1D6C6 | <b>υ</b><br>1D6D6 | <b>E</b><br>1D6E6 | <b>Υ</b><br>1D6F6 |
| 7 | <b>z</b><br>1D607 | <b>P</b><br>1D617 | <b>f</b><br>1D627 | <b>v</b><br>1D637 | <b>L</b><br>1D647 | <b>b</b><br>1D657 | <b>r</b><br>1D667 | <b>H</b><br>1D677 | <b>X</b><br>1D687 | <b>n</b><br>1D697 |  | <b>Π</b><br>1D6B7 | <b>ζ</b><br>1D6C7 | <b>φ</b><br>1D6D7 | <b>Z</b><br>1D6E7 | <b>Φ</b><br>1D6F7 |
| 8 | <b>A</b><br>1D608 | <b>Q</b><br>1D618 | <b>g</b><br>1D628 | <b>w</b><br>1D638 | <b>M</b><br>1D648 | <b>c</b><br>1D658 | <b>s</b><br>1D668 | <b>I</b><br>1D678 | <b>Y</b><br>1D688 | <b>o</b><br>1D698 | <b>A</b><br>1D6A8                                                                    | <b>P</b><br>1D6B8 | <b>η</b><br>1D6C8 | <b>χ</b><br>1D6D8 | <b>H</b><br>1D6E8 | <b>X</b><br>1D6F8 |
| 9 | <b>B</b><br>1D609 | <b>R</b><br>1D619 | <b>h</b><br>1D629 | <b>x</b><br>1D639 | <b>N</b><br>1D649 | <b>d</b><br>1D659 | <b>t</b><br>1D669 | <b>J</b><br>1D679 | <b>Z</b><br>1D689 | <b>p</b><br>1D699 | <b>B</b><br>1D6A9                                                                    | <b>Θ</b><br>1D6B9 | <b>θ</b><br>1D6C9 | <b>ψ</b><br>1D6D9 | <b>Θ</b><br>1D6E9 | <b>Ψ</b><br>1D6F9 |
| A | <b>C</b><br>1D60A | <b>S</b><br>1D61A | <b>i</b><br>1D62A | <b>y</b><br>1D63A | <b>O</b><br>1D64A | <b>e</b><br>1D65A | <b>u</b><br>1D66A | <b>K</b><br>1D67A | <b>a</b><br>1D68A | <b>q</b><br>1D69A | <b>Γ</b><br>1D6AA                                                                    | <b>Σ</b><br>1D6BA | <b>ι</b><br>1D6CA | <b>ω</b><br>1D6DA | <b>I</b><br>1D6EA | <b>Ω</b><br>1D6FA |
| B | <b>D</b><br>1D60B | <b>T</b><br>1D61B | <b>j</b><br>1D62B | <b>z</b><br>1D63B | <b>P</b><br>1D64B | <b>f</b><br>1D65B | <b>v</b><br>1D66B | <b>L</b><br>1D67B | <b>b</b><br>1D68B | <b>r</b><br>1D69B | <b>Δ</b><br>1D6AB                                                                    | <b>T</b><br>1D6BB | <b>κ</b><br>1D6CB | <b>ð</b><br>1D6DB | <b>K</b><br>1D6EB | <b>∇</b><br>1D6FB |
| C | <b>E</b><br>1D60C | <b>U</b><br>1D61C | <b>k</b><br>1D62C | <b>A</b><br>1D63C | <b>Q</b><br>1D64C | <b>g</b><br>1D65C | <b>w</b><br>1D66C | <b>M</b><br>1D67C | <b>c</b><br>1D68C | <b>s</b><br>1D69C | <b>E</b><br>1D6AC                                                                    | <b>Υ</b><br>1D6BC | <b>λ</b><br>1D6CC | <b>€</b><br>1D6DC | <b>Λ</b><br>1D6EC | <b>α</b><br>1D6FC |
| D | <b>F</b><br>1D60D | <b>V</b><br>1D61D | <b>I</b><br>1D62D | <b>B</b><br>1D63D | <b>R</b><br>1D64D | <b>h</b><br>1D65D | <b>x</b><br>1D66D | <b>N</b><br>1D67D | <b>d</b><br>1D68D | <b>t</b><br>1D69D | <b>Z</b><br>1D6AD                                                                    | <b>Φ</b><br>1D6BD | <b>μ</b><br>1D6CD | <b>ϑ</b><br>1D6DD | <b>M</b><br>1D6ED | <b>β</b><br>1D6FD |
| E | <b>G</b><br>1D60E | <b>W</b><br>1D61E | <b>m</b><br>1D62E | <b>C</b><br>1D63E | <b>S</b><br>1D64E | <b>i</b><br>1D65E | <b>y</b><br>1D66E | <b>O</b><br>1D67E | <b>e</b><br>1D68E | <b>u</b><br>1D69E | <b>H</b><br>1D6AE                                                                    | <b>X</b><br>1D6BE | <b>ν</b><br>1D6CE | <b>χ</b><br>1D6DE | <b>N</b><br>1D6EE | <b>γ</b><br>1D6FE |
| F | <b>H</b><br>1D60F | <b>X</b><br>1D61F | <b>n</b><br>1D62F | <b>D</b><br>1D63F | <b>T</b><br>1D64F | <b>j</b><br>1D65F | <b>z</b><br>1D66F | <b>P</b><br>1D67F | <b>f</b><br>1D68F | <b>v</b><br>1D69F | <b>Θ</b><br>1D6AF                                                                    | <b>Ψ</b><br>1D6BF | <b>ξ</b><br>1D6CF | <b>φ</b><br>1D6DF | <b>Ξ</b><br>1D6EF | <b>δ</b><br>1D6FF |



|   | 1D70                   | 1D71                 | 1D72               | 1D73                | 1D74                 | 1D75                 | 1D76               | 1D77                | 1D78                 | 1D79               | 1D7A                | 1D7B                 | 1D7C                 | 1D7D         | 1D7E         | 1D7F         |
|---|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|--------------------|---------------------|----------------------|--------------------|---------------------|----------------------|----------------------|--------------|--------------|--------------|
| 0 | $\varepsilon$<br>1D700 | $\upsilon$<br>1D710  | $E$<br>1D720       | $Y$<br>1D730        | $\lambda$<br>1D740   | $\epsilon$<br>1D750  | $\Lambda$<br>1D760 | $\alpha$<br>1D770   | $\rho$<br>1D780      | $A$<br>1D790       | $P$<br>1D7A0        | $\eta$<br>1D7B0      | $\chi$<br>1D7C0      | $2$<br>1D7D0 | $8$<br>1D7E0 | $4$<br>1D7F0 |
| 1 | $\zeta$<br>1D701       | $\varphi$<br>1D711   | $Z$<br>1D721       | $\Phi$<br>1D731     | $\mu$<br>1D741       | $\vartheta$<br>1D751 | $M$<br>1D761       | $\beta$<br>1D771    | $\varsigma$<br>1D781 | $B$<br>1D791       | $\Theta$<br>1D7A1   | $\theta$<br>1D7B1    | $\psi$<br>1D7C1      | $3$<br>1D7D1 | $9$<br>1D7E1 | $5$<br>1D7F1 |
| 2 | $\eta$<br>1D702        | $\chi$<br>1D712      | $H$<br>1D722       | $X$<br>1D732        | $\nu$<br>1D742       | $\kappa$<br>1D752    | $N$<br>1D762       | $\gamma$<br>1D772   | $\sigma$<br>1D782    | $\Gamma$<br>1D792  | $\Sigma$<br>1D7A2   | $\iota$<br>1D7B2     | $\omega$<br>1D7C2    | $4$<br>1D7D2 | $0$<br>1D7E2 | $6$<br>1D7F2 |
| 3 | $\theta$<br>1D703      | $\psi$<br>1D713      | $\Theta$<br>1D723  | $\Psi$<br>1D733     | $\xi$<br>1D743       | $\phi$<br>1D753      | $\Xi$<br>1D763     | $\delta$<br>1D773   | $\tau$<br>1D783      | $\Delta$<br>1D793  | $T$<br>1D7A3        | $\kappa$<br>1D7B3    | $\partial$<br>1D7C3  | $5$<br>1D7D3 | $1$<br>1D7E3 | $7$<br>1D7F3 |
| 4 | $\iota$<br>1D704       | $\omega$<br>1D714    | $I$<br>1D724       | $\Omega$<br>1D734   | $o$<br>1D744         | $\varrho$<br>1D754   | $O$<br>1D764       | $\epsilon$<br>1D774 | $\upsilon$<br>1D784  | $E$<br>1D794       | $Y$<br>1D7A4        | $\lambda$<br>1D7B4   | $\epsilon$<br>1D7C4  | $6$<br>1D7D4 | $2$<br>1D7E4 | $8$<br>1D7F4 |
| 5 | $\kappa$<br>1D705      | $\partial$<br>1D715  | $K$<br>1D725       | $\nabla$<br>1D735   | $\pi$<br>1D745       | $\varpi$<br>1D755    | $\Pi$<br>1D765     | $\zeta$<br>1D775    | $\varphi$<br>1D785   | $Z$<br>1D795       | $\Phi$<br>1D7A5     | $\mu$<br>1D7B5       | $\vartheta$<br>1D7C5 | $7$<br>1D7D5 | $3$<br>1D7E5 | $9$<br>1D7F5 |
| 6 | $\lambda$<br>1D706     | $\epsilon$<br>1D716  | $\Lambda$<br>1D726 | $\alpha$<br>1D736   | $\rho$<br>1D746      | $A$<br>1D756         | $P$<br>1D766       | $\eta$<br>1D776     | $\chi$<br>1D786      | $H$<br>1D796       | $X$<br>1D7A6        | $\nu$<br>1D7B6       | $\kappa$<br>1D7C6    | $8$<br>1D7D6 | $4$<br>1D7E6 | $0$<br>1D7F6 |
| 7 | $\mu$<br>1D707         | $\vartheta$<br>1D717 | $M$<br>1D727       | $\beta$<br>1D737    | $\varsigma$<br>1D747 | $B$<br>1D757         | $\Theta$<br>1D767  | $\theta$<br>1D777   | $\psi$<br>1D787      | $\Theta$<br>1D797  | $\Psi$<br>1D7A7     | $\xi$<br>1D7B7       | $\phi$<br>1D7C7      | $9$<br>1D7D7 | $5$<br>1D7E7 | $1$<br>1D7F7 |
| 8 | $\nu$<br>1D708         | $\kappa$<br>1D718    | $N$<br>1D728       | $\gamma$<br>1D738   | $\sigma$<br>1D748    | $\Gamma$<br>1D758    | $\Sigma$<br>1D768  | $\iota$<br>1D778    | $\omega$<br>1D788    | $I$<br>1D798       | $\Omega$<br>1D7A8   | $o$<br>1D7B8         | $\varrho$<br>1D7C8   | $0$<br>1D7D8 | $6$<br>1D7E8 | $2$<br>1D7F8 |
| 9 | $\xi$<br>1D709         | $\phi$<br>1D719      | $\Xi$<br>1D729     | $\delta$<br>1D739   | $\tau$<br>1D749      | $\Delta$<br>1D759    | $T$<br>1D769       | $\kappa$<br>1D779   | $\partial$<br>1D789  | $K$<br>1D799       | $\nabla$<br>1D7A9   | $\pi$<br>1D7B9       | $\varpi$<br>1D7C9    | $1$<br>1D7D9 | $7$<br>1D7E9 | $3$<br>1D7F9 |
| A | $o$<br>1D70A           | $\varrho$<br>1D71A   | $O$<br>1D72A       | $\epsilon$<br>1D73A | $\upsilon$<br>1D74A  | $E$<br>1D75A         | $Y$<br>1D76A       | $\lambda$<br>1D77A  | $\epsilon$<br>1D78A  | $\Lambda$<br>1D79A | $\alpha$<br>1D7AA   | $\rho$<br>1D7BA      | $F$<br>1D7CA         | $2$<br>1D7DA | $8$<br>1D7EA | $4$<br>1D7FA |
| B | $\pi$<br>1D70B         | $\varpi$<br>1D71B    | $\Pi$<br>1D72B     | $\zeta$<br>1D73B    | $\varphi$<br>1D74B   | $Z$<br>1D75B         | $\Phi$<br>1D76B    | $\mu$<br>1D77B      | $\vartheta$<br>1D78B | $M$<br>1D79B       | $\beta$<br>1D7AB    | $\varsigma$<br>1D7BB | $F$<br>1D7CB         | $3$<br>1D7DB | $9$<br>1D7EB | $5$<br>1D7FB |
| C | $\rho$<br>1D70C        | $A$<br>1D71C         | $P$<br>1D72C       | $\eta$<br>1D73C     | $\chi$<br>1D74C      | $H$<br>1D75C         | $X$<br>1D76C       | $\nu$<br>1D77C      | $\kappa$<br>1D78C    | $N$<br>1D79C       | $\gamma$<br>1D7AC   | $\sigma$<br>1D7BC    |                      | $4$<br>1D7DC | $0$<br>1D7EC | $6$<br>1D7FC |
| D | $\varsigma$<br>1D70D   | $B$<br>1D71D         | $\Theta$<br>1D72D  | $\theta$<br>1D73D   | $\psi$<br>1D74D      | $\Theta$<br>1D75D    | $\Psi$<br>1D76D    | $\xi$<br>1D77D      | $\phi$<br>1D78D      | $\Xi$<br>1D79D     | $\delta$<br>1D7AD   | $\tau$<br>1D7BD      |                      | $5$<br>1D7DD | $1$<br>1D7ED | $7$<br>1D7FD |
| E | $\sigma$<br>1D70E      | $\Gamma$<br>1D71E    | $\Sigma$<br>1D72E  | $\iota$<br>1D73E    | $\omega$<br>1D74E    | $I$<br>1D75E         | $\Omega$<br>1D76E  | $o$<br>1D77E        | $\varrho$<br>1D78E   | $O$<br>1D79E       | $\epsilon$<br>1D7AE | $\upsilon$<br>1D7BE  | $0$<br>1D7CE         | $6$<br>1D7DE | $2$<br>1D7EE | $8$<br>1D7FE |
| F | $\tau$<br>1D70F        | $\Delta$<br>1D71F    | $T$<br>1D72F       | $\kappa$<br>1D73F   | $\partial$<br>1D74F  | $K$<br>1D75F         | $\nabla$<br>1D76F  | $\pi$<br>1D77F      | $\varpi$<br>1D78F    | $\Pi$<br>1D79F     | $\zeta$<br>1D7AF    | $\varphi$<br>1D7BF   | $1$<br>1D7CF         | $7$<br>1D7DF | $3$<br>1D7EF | $9$<br>1D7FF |

*To be used for mathematical variables where style variations are important semantically. For general text, use standard Latin and Greek letters with markup.*

**Bold symbols**

|       |          |                                                                              |
|-------|----------|------------------------------------------------------------------------------|
| 1D400 | <b>A</b> | MATHEMATICAL BOLD CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D401 | <b>B</b> | MATHEMATICAL BOLD CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D402 | <b>C</b> | MATHEMATICAL BOLD CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D403 | <b>D</b> | MATHEMATICAL BOLD CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D404 | <b>E</b> | MATHEMATICAL BOLD CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D405 | <b>F</b> | MATHEMATICAL BOLD CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D406 | <b>G</b> | MATHEMATICAL BOLD CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D407 | <b>H</b> | MATHEMATICAL BOLD CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D408 | <b>I</b> | MATHEMATICAL BOLD CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D409 | <b>J</b> | MATHEMATICAL BOLD CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D40A | <b>K</b> | MATHEMATICAL BOLD CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D40B | <b>L</b> | MATHEMATICAL BOLD CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D40C | <b>M</b> | MATHEMATICAL BOLD CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D40D | <b>N</b> | MATHEMATICAL BOLD CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D40E | <b>O</b> | MATHEMATICAL BOLD CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D40F | <b>P</b> | MATHEMATICAL BOLD CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D410 | <b>Q</b> | MATHEMATICAL BOLD CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D411 | <b>R</b> | MATHEMATICAL BOLD CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D412 | <b>S</b> | MATHEMATICAL BOLD CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D413 | <b>T</b> | MATHEMATICAL BOLD CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D414 | <b>U</b> | MATHEMATICAL BOLD CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D415 | <b>V</b> | MATHEMATICAL BOLD CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D416 | <b>W</b> | MATHEMATICAL BOLD CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D417 | <b>X</b> | MATHEMATICAL BOLD CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D418 | <b>Y</b> | MATHEMATICAL BOLD CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D419 | <b>Z</b> | MATHEMATICAL BOLD CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D41A | <b>a</b> | MATHEMATICAL BOLD SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D41B | <b>b</b> | MATHEMATICAL BOLD SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D41C | <b>c</b> | MATHEMATICAL BOLD SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |

|       |          |                                                                          |
|-------|----------|--------------------------------------------------------------------------|
| 1D41D | <b>d</b> | MATHEMATICAL BOLD SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d |
| 1D41E | <b>e</b> | MATHEMATICAL BOLD SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e |
| 1D41F | <b>f</b> | MATHEMATICAL BOLD SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f |
| 1D420 | <b>g</b> | MATHEMATICAL BOLD SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g |
| 1D421 | <b>h</b> | MATHEMATICAL BOLD SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h |
| 1D422 | <b>i</b> | MATHEMATICAL BOLD SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i |
| 1D423 | <b>j</b> | MATHEMATICAL BOLD SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j |
| 1D424 | <b>k</b> | MATHEMATICAL BOLD SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k |
| 1D425 | <b>l</b> | MATHEMATICAL BOLD SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D426 | <b>m</b> | MATHEMATICAL BOLD SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m |
| 1D427 | <b>n</b> | MATHEMATICAL BOLD SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n |
| 1D428 | <b>o</b> | MATHEMATICAL BOLD SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o |
| 1D429 | <b>p</b> | MATHEMATICAL BOLD SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p |
| 1D42A | <b>q</b> | MATHEMATICAL BOLD SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q |
| 1D42B | <b>r</b> | MATHEMATICAL BOLD SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D42C | <b>s</b> | MATHEMATICAL BOLD SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D42D | <b>t</b> | MATHEMATICAL BOLD SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D42E | <b>u</b> | MATHEMATICAL BOLD SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D42F | <b>v</b> | MATHEMATICAL BOLD SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D430 | <b>w</b> | MATHEMATICAL BOLD SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D431 | <b>x</b> | MATHEMATICAL BOLD SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D432 | <b>y</b> | MATHEMATICAL BOLD SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D433 | <b>z</b> | MATHEMATICAL BOLD SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Italic symbols**

*Italic symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding.*

|       |          |                                                                                |
|-------|----------|--------------------------------------------------------------------------------|
| 1D434 | <b>A</b> | MATHEMATICAL ITALIC CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D435 | <b>B</b> | MATHEMATICAL ITALIC CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D436 | <b>C</b> | MATHEMATICAL ITALIC CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D437 | <b>D</b> | MATHEMATICAL ITALIC CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D438 | <b>E</b> | MATHEMATICAL ITALIC CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D439 | <b>F</b> | MATHEMATICAL ITALIC CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |

|       |                                                                                     |                                                                                |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1D43A | <i><b>G</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D43B | <i><b>H</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D43C | <i><b>I</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D43D | <i><b>J</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D43E | <i><b>K</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D43F | <i><b>L</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D440 | <i><b>M</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D441 | <i><b>N</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D442 | <i><b>O</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D443 | <i><b>P</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D444 | <i><b>Q</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D445 | <i><b>R</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D446 | <i><b>S</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D447 | <i><b>T</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D448 | <i><b>U</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D449 | <i><b>V</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D44A | <i><b>W</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D44B | <i><b>X</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D44C | <i><b>Y</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D44D | <i><b>Z</b></i>                                                                     | MATHEMATICAL ITALIC CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D44E | <i><b>a</b></i>                                                                     | MATHEMATICAL ITALIC SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D44F | <i><b>b</b></i>                                                                     | MATHEMATICAL ITALIC SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D450 | <i><b>c</b></i>                                                                     | MATHEMATICAL ITALIC SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D451 | <i><b>d</b></i>                                                                     | MATHEMATICAL ITALIC SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D452 | <i><b>e</b></i>                                                                     | MATHEMATICAL ITALIC SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D453 | <i><b>f</b></i>                                                                     | MATHEMATICAL ITALIC SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D454 | <i><b>g</b></i>                                                                     | MATHEMATICAL ITALIC SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D455 |  | <reserved><br>→ 210E <b>h</b> planck constant                                  |
| 1D456 | <i><b>i</b></i>                                                                     | MATHEMATICAL ITALIC SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D457 | <i><b>j</b></i>                                                                     | MATHEMATICAL ITALIC SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D458 | <i><b>k</b></i>                                                                     | MATHEMATICAL ITALIC SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |

|       |                 |                                                                            |
|-------|-----------------|----------------------------------------------------------------------------|
| 1D459 | <i><b>l</b></i> | MATHEMATICAL ITALIC SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D45A | <i><b>m</b></i> | MATHEMATICAL ITALIC SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m |
| 1D45B | <i><b>n</b></i> | MATHEMATICAL ITALIC SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n |
| 1D45C | <i><b>o</b></i> | MATHEMATICAL ITALIC SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o |
| 1D45D | <i><b>p</b></i> | MATHEMATICAL ITALIC SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p |
| 1D45E | <i><b>q</b></i> | MATHEMATICAL ITALIC SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q |
| 1D45F | <i><b>r</b></i> | MATHEMATICAL ITALIC SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D460 | <i><b>s</b></i> | MATHEMATICAL ITALIC SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D461 | <i><b>t</b></i> | MATHEMATICAL ITALIC SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D462 | <i><b>u</b></i> | MATHEMATICAL ITALIC SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D463 | <i><b>v</b></i> | MATHEMATICAL ITALIC SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D464 | <i><b>w</b></i> | MATHEMATICAL ITALIC SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D465 | <i><b>x</b></i> | MATHEMATICAL ITALIC SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D466 | <i><b>y</b></i> | MATHEMATICAL ITALIC SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D467 | <i><b>z</b></i> | MATHEMATICAL ITALIC SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Bold italic symbols**

|       |                 |                                                                                     |
|-------|-----------------|-------------------------------------------------------------------------------------|
| 1D468 | <i><b>A</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D469 | <i><b>B</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D46A | <i><b>C</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D46B | <i><b>D</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D46C | <i><b>E</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D46D | <i><b>F</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D46E | <i><b>G</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D46F | <i><b>H</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D470 | <i><b>I</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D471 | <i><b>J</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D472 | <i><b>K</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D473 | <i><b>L</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D474 | <i><b>M</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D475 | <i><b>N</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D476 | <i><b>O</b></i> | MATHEMATICAL BOLD ITALIC CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |

|       |                 |                                                                                     |
|-------|-----------------|-------------------------------------------------------------------------------------|
| 1D477 | <b><i>P</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D478 | <b><i>Q</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D479 | <b><i>R</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D47A | <b><i>S</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D47B | <b><i>T</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D47C | <b><i>U</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D47D | <b><i>V</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D47E | <b><i>W</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D47F | <b><i>X</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D480 | <b><i>Y</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D481 | <b><i>Z</i></b> | MATHEMATICAL BOLD ITALIC CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D482 | <b><i>a</i></b> | MATHEMATICAL BOLD ITALIC SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D483 | <b><i>b</i></b> | MATHEMATICAL BOLD ITALIC SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D484 | <b><i>c</i></b> | MATHEMATICAL BOLD ITALIC SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D485 | <b><i>d</i></b> | MATHEMATICAL BOLD ITALIC SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D486 | <b><i>e</i></b> | MATHEMATICAL BOLD ITALIC SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D487 | <b><i>f</i></b> | MATHEMATICAL BOLD ITALIC SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D488 | <b><i>g</i></b> | MATHEMATICAL BOLD ITALIC SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D489 | <b><i>h</i></b> | MATHEMATICAL BOLD ITALIC SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D48A | <b><i>i</i></b> | MATHEMATICAL BOLD ITALIC SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D48B | <b><i>j</i></b> | MATHEMATICAL BOLD ITALIC SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D48C | <b><i>k</i></b> | MATHEMATICAL BOLD ITALIC SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D48D | <b><i>l</i></b> | MATHEMATICAL BOLD ITALIC SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D48E | <b><i>m</i></b> | MATHEMATICAL BOLD ITALIC SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D48F | <b><i>n</i></b> | MATHEMATICAL BOLD ITALIC SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D490 | <b><i>o</i></b> | MATHEMATICAL BOLD ITALIC SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D491 | <b><i>p</i></b> | MATHEMATICAL BOLD ITALIC SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D492 | <b><i>q</i></b> | MATHEMATICAL BOLD ITALIC SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |
| 1D493 | <b><i>r</i></b> | MATHEMATICAL BOLD ITALIC SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r     |
| 1D494 | <b><i>s</i></b> | MATHEMATICAL BOLD ITALIC SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s     |
| 1D495 | <b><i>t</i></b> | MATHEMATICAL BOLD ITALIC SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t     |

|       |                 |                                                                                 |
|-------|-----------------|---------------------------------------------------------------------------------|
| 1D496 | <b><i>u</i></b> | MATHEMATICAL BOLD ITALIC SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D497 | <b><i>v</i></b> | MATHEMATICAL BOLD ITALIC SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D498 | <b><i>w</i></b> | MATHEMATICAL BOLD ITALIC SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D499 | <b><i>x</i></b> | MATHEMATICAL BOLD ITALIC SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D49A | <b><i>y</i></b> | MATHEMATICAL BOLD ITALIC SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D49B | <b><i>z</i></b> | MATHEMATICAL BOLD ITALIC SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

#### Script symbols

*Script symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding. Fonts that use a less elaborate style are also acceptable for many uses, as long as they can be distinguished from serified and italic styles.*

1D49C ***A*** MATHEMATICAL SCRIPT CAPITAL A  
~ 1D49C FE00 **A** chancery style  
~ 1D49C FE01 **A** roundhand style  
≈ <font> 0041 **A** latin capital letter a

1D49D ***B*** <reserved>  
→ 212C **B** script capital b

1D49E ***C*** MATHEMATICAL SCRIPT CAPITAL C  
~ 1D49E FE00 **C** chancery style  
~ 1D49E FE01 **C** roundhand style  
≈ <font> 0043 **C** latin capital letter c

1D49F ***D*** MATHEMATICAL SCRIPT CAPITAL D  
~ 1D49F FE00 **D** chancery style  
~ 1D49F FE01 **D** roundhand style  
≈ <font> 0044 **D** latin capital letter d

1D4A0 ***E*** <reserved>  
→ 2130 **E** script capital e

1D4A1 ***F*** <reserved>  
→ 2131 **F** script capital f

1D4A2 ***G*** MATHEMATICAL SCRIPT CAPITAL G  
~ 1D4A2 FE00 **G** chancery style  
~ 1D4A2 FE01 **G** roundhand style  
≈ <font> 0047 **G** latin capital letter g

1D4A3 ***H*** <reserved>  
→ 210B **H** script capital h

1D4A4 ***I*** <reserved>  
→ 2110 **I** script capital i

1D4A5 ***J*** MATHEMATICAL SCRIPT CAPITAL J  
~ 1D4A5 FE00 **J** chancery style  
~ 1D4A5 FE01 **J** roundhand style  
≈ <font> 004A **J** latin capital letter j

1D4A6 ***K*** MATHEMATICAL SCRIPT CAPITAL K  
~ 1D4A6 FE00 **K** chancery style  
~ 1D4A6 FE01 **K** roundhand style  
≈ <font> 004B **K** latin capital letter k

1D4A7 ***L*** <reserved>  
→ 2112 **L** script capital l

1D4A8 ***M*** <reserved>  
→ 2133 **M** script capital m

1D4A9 ***N*** MATHEMATICAL SCRIPT CAPITAL N  
~ 1D4A9 FE00 **N** chancery style  
~ 1D4A9 FE01 **N** roundhand style  
≈ <font> 004E **N** latin capital letter n

## 1D4AA

## Mathematical Alphanumeric Symbols

## 1D4DB

|       |                                                                                     |                                                                                                                                                                                                                                                                                                                                  |
|-------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D4AA |    | MATHEMATICAL SCRIPT CAPITAL O<br>~ 1D4AA FE00  chancery style<br>~ 1D4AA FE01  roundhand style<br>≈ <font> 004F <b>O</b> latin capital letter o                |
| 1D4AB |    | MATHEMATICAL SCRIPT CAPITAL P<br>= power set<br>~ 1D4AB FE00  chancery style<br>~ 1D4AB FE01  roundhand style<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D4AC |    | MATHEMATICAL SCRIPT CAPITAL Q<br>~ 1D4AC FE00  chancery style<br>~ 1D4AC FE01  roundhand style<br>≈ <font> 0051 <b>Q</b> latin capital letter q                |
| 1D4AD |    | <reserved><br>→ 211B  script capital r                                                                                                                                                                                                          |
| 1D4AE |    | MATHEMATICAL SCRIPT CAPITAL S<br>~ 1D4AE FE00  chancery style<br>~ 1D4AE FE01  roundhand style<br>≈ <font> 0053 <b>S</b> latin capital letter s                |
| 1D4AF |    | MATHEMATICAL SCRIPT CAPITAL T<br>~ 1D4AF FE00  chancery style<br>~ 1D4AF FE01  roundhand style<br>≈ <font> 0054 <b>T</b> latin capital letter t                |
| 1D4B0 |    | MATHEMATICAL SCRIPT CAPITAL U<br>~ 1D4B0 FE00  chancery style<br>~ 1D4B0 FE01  roundhand style<br>≈ <font> 0055 <b>U</b> latin capital letter u                |
| 1D4B1 |  | MATHEMATICAL SCRIPT CAPITAL V<br>~ 1D4B1 FE00  chancery style<br>~ 1D4B1 FE01  roundhand style<br>≈ <font> 0056 <b>V</b> latin capital letter v            |
| 1D4B2 |  | MATHEMATICAL SCRIPT CAPITAL W<br>~ 1D4B2 FE00  chancery style<br>~ 1D4B2 FE01  roundhand style<br>≈ <font> 0057 <b>W</b> latin capital letter w            |
| 1D4B3 |  | MATHEMATICAL SCRIPT CAPITAL X<br>~ 1D4B3 FE00  chancery style<br>~ 1D4B3 FE01  roundhand style<br>≈ <font> 0058 <b>X</b> latin capital letter x            |
| 1D4B4 |  | MATHEMATICAL SCRIPT CAPITAL Y<br>~ 1D4B4 FE00  chancery style<br>~ 1D4B4 FE01  roundhand style<br>≈ <font> 0059 <b>Y</b> latin capital letter y            |
| 1D4B5 |  | MATHEMATICAL SCRIPT CAPITAL Z<br>~ 1D4B5 FE00  chancery style<br>~ 1D4B5 FE01  roundhand style<br>≈ <font> 005A <b>Z</b> latin capital letter z            |
| 1D4B6 |  | MATHEMATICAL SCRIPT SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a                                                                                                                                                                                                                                                       |
| 1D4B7 |  | MATHEMATICAL SCRIPT SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b                                                                                                                                                                                                                                                       |
| 1D4B8 |  | MATHEMATICAL SCRIPT SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c                                                                                                                                                                                                                                                       |
| 1D4B9 |  | MATHEMATICAL SCRIPT SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d                                                                                                                                                                                                                                                       |
| 1D4BA |  | <reserved><br>→ 212F  script small e                                                                                                                                                                                                          |
| 1D4BB |  | MATHEMATICAL SCRIPT SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f                                                                                                                                                                                                                                                       |
| 1D4BC |  | <reserved><br>→ 210A  script small g                                                                                                                                                                                                          |
| 1D4BD |  | MATHEMATICAL SCRIPT SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h                                                                                                                                                                                                                                                       |

|       |                                                                                     |                                                                                                                                                                                       |
|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D4BE |    | MATHEMATICAL SCRIPT SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i                                                                                                            |
| 1D4BF |    | MATHEMATICAL SCRIPT SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j                                                                                                            |
| 1D4C0 |    | MATHEMATICAL SCRIPT SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k                                                                                                            |
| 1D4C1 |    | MATHEMATICAL SCRIPT SMALL L<br>→ 2113  script small l<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D4C2 |    | MATHEMATICAL SCRIPT SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m                                                                                                            |
| 1D4C3 |    | MATHEMATICAL SCRIPT SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n                                                                                                            |
| 1D4C4 |    | <reserved><br>→ 2134  script small o                                                                 |
| 1D4C5 |    | MATHEMATICAL SCRIPT SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p                                                                                                            |
| 1D4C6 |    | MATHEMATICAL SCRIPT SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q                                                                                                            |
| 1D4C7 |    | MATHEMATICAL SCRIPT SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r                                                                                                            |
| 1D4C8 |    | MATHEMATICAL SCRIPT SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s                                                                                                            |
| 1D4C9 |    | MATHEMATICAL SCRIPT SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t                                                                                                            |
| 1D4CA |    | MATHEMATICAL SCRIPT SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u                                                                                                            |
| 1D4CB |    | MATHEMATICAL SCRIPT SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v                                                                                                            |
| 1D4CC |   | MATHEMATICAL SCRIPT SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w                                                                                                            |
| 1D4CD |  | MATHEMATICAL SCRIPT SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x                                                                                                            |
| 1D4CE |  | MATHEMATICAL SCRIPT SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y                                                                                                            |
| 1D4CF |  | MATHEMATICAL SCRIPT SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z                                                                                                            |

## Bold script symbols

|       |                                                                                     |                                                                                     |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1D4D0 |  | MATHEMATICAL BOLD SCRIPT CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D4D1 |  | MATHEMATICAL BOLD SCRIPT CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D4D2 |  | MATHEMATICAL BOLD SCRIPT CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D4D3 |  | MATHEMATICAL BOLD SCRIPT CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D4D4 |  | MATHEMATICAL BOLD SCRIPT CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D4D5 |  | MATHEMATICAL BOLD SCRIPT CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D4D6 |  | MATHEMATICAL BOLD SCRIPT CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D4D7 |  | MATHEMATICAL BOLD SCRIPT CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D4D8 |  | MATHEMATICAL BOLD SCRIPT CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D4D9 |  | MATHEMATICAL BOLD SCRIPT CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D4DA |  | MATHEMATICAL BOLD SCRIPT CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D4DB |  | MATHEMATICAL BOLD SCRIPT CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |



|       |                 |                                                                                     |
|-------|-----------------|-------------------------------------------------------------------------------------|
| 1D4DC | <b><i>M</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D4DD | <b><i>N</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D4DE | <b><i>O</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D4DF | <b><i>P</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D4E0 | <b><i>Q</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D4E1 | <b><i>R</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D4E2 | <b><i>S</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D4E3 | <b><i>T</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D4E4 | <b><i>U</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D4E5 | <b><i>V</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D4E6 | <b><i>W</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D4E7 | <b><i>X</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D4E8 | <b><i>Y</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D4E9 | <b><i>Z</i></b> | MATHEMATICAL BOLD SCRIPT CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D4EA | <b><i>a</i></b> | MATHEMATICAL BOLD SCRIPT SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D4EB | <b><i>b</i></b> | MATHEMATICAL BOLD SCRIPT SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D4EC | <b><i>c</i></b> | MATHEMATICAL BOLD SCRIPT SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D4ED | <b><i>d</i></b> | MATHEMATICAL BOLD SCRIPT SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D4EE | <b><i>e</i></b> | MATHEMATICAL BOLD SCRIPT SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D4EF | <b><i>f</i></b> | MATHEMATICAL BOLD SCRIPT SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D4F0 | <b><i>g</i></b> | MATHEMATICAL BOLD SCRIPT SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D4F1 | <b><i>h</i></b> | MATHEMATICAL BOLD SCRIPT SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D4F2 | <b><i>i</i></b> | MATHEMATICAL BOLD SCRIPT SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D4F3 | <b><i>j</i></b> | MATHEMATICAL BOLD SCRIPT SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D4F4 | <b><i>k</i></b> | MATHEMATICAL BOLD SCRIPT SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D4F5 | <b><i>l</i></b> | MATHEMATICAL BOLD SCRIPT SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D4F6 | <b><i>m</i></b> | MATHEMATICAL BOLD SCRIPT SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D4F7 | <b><i>n</i></b> | MATHEMATICAL BOLD SCRIPT SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D4F8 | <b><i>o</i></b> | MATHEMATICAL BOLD SCRIPT SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D4F9 | <b><i>p</i></b> | MATHEMATICAL BOLD SCRIPT SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D4FA | <b><i>q</i></b> | MATHEMATICAL BOLD SCRIPT SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |

|       |                 |                                                                                 |
|-------|-----------------|---------------------------------------------------------------------------------|
| 1D4FB | <b><i>r</i></b> | MATHEMATICAL BOLD SCRIPT SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D4FC | <b><i>s</i></b> | MATHEMATICAL BOLD SCRIPT SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D4FD | <b><i>t</i></b> | MATHEMATICAL BOLD SCRIPT SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D4FE | <b><i>u</i></b> | MATHEMATICAL BOLD SCRIPT SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D4FF | <b><i>v</i></b> | MATHEMATICAL BOLD SCRIPT SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D500 | <b><i>w</i></b> | MATHEMATICAL BOLD SCRIPT SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D501 | <b><i>x</i></b> | MATHEMATICAL BOLD SCRIPT SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D502 | <b><i>y</i></b> | MATHEMATICAL BOLD SCRIPT SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D503 | <b><i>z</i></b> | MATHEMATICAL BOLD SCRIPT SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Fraktur symbols**

*This style is sometimes known as black-letter. Black-letter symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding.*

|       |                                                                                     |                                                                                                                      |
|-------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1D504 | <b><i>A</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a                                      |
| 1D505 | <b><i>B</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b                                      |
| 1D506 |  | <reserved><br>→ 212D <b>C</b> black-letter capital c                                                                 |
| 1D507 | <b><i>D</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d                                      |
| 1D508 | <b><i>E</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e                                      |
| 1D509 | <b><i>F</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f                                      |
| 1D50A | <b><i>G</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g                                      |
| 1D50B |  | <reserved><br>→ 210C <b>H</b> black-letter capital h                                                                 |
| 1D50C |  | <reserved><br>→ 2111 <b>I</b> black-letter capital i                                                                 |
| 1D50D | <b><i>J</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j                                      |
| 1D50E | <b><i>K</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k                                      |
| 1D50F | <b><i>L</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l                                      |
| 1D510 | <b><i>M</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL M<br>= New Testament majority text<br>≈ <font> 004D <b>M</b> latin capital letter m     |
| 1D511 | <b><i>N</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n                                      |
| 1D512 | <b><i>O</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o                                      |
| 1D513 | <b><i>P</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p                                      |
| 1D514 | <b><i>Q</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q                                      |
| 1D515 |  | <reserved><br>→ 211C <b>R</b> black-letter capital r                                                                 |
| 1D516 | <b><i>S</i></b>                                                                     | MATHEMATICAL FRAKTUR CAPITAL S<br>= Septuagint, Greek Old Testament<br>≈ <font> 0053 <b>S</b> latin capital letter s |

|       |    |                                                                                 |
|-------|----|---------------------------------------------------------------------------------|
| 1D517 | 𝒯  | MATHEMATICAL FRAKTUR CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D518 | 𝒰  | MATHEMATICAL FRAKTUR CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D519 | 𝒱  | MATHEMATICAL FRAKTUR CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D51A | 𝒰𝒱 | MATHEMATICAL FRAKTUR CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D51B | 𝒳  | MATHEMATICAL FRAKTUR CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D51C | 𝒴  | MATHEMATICAL FRAKTUR CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D51D | ◻  | <reserved><br>→ 2128 <b>3</b> black-letter capital z                            |
| 1D51E | 𝒶  | MATHEMATICAL FRAKTUR SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D51F | 𝒷  | MATHEMATICAL FRAKTUR SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D520 | 𝒸  | MATHEMATICAL FRAKTUR SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D521 | 𝒹  | MATHEMATICAL FRAKTUR SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D522 | 𝒺  | MATHEMATICAL FRAKTUR SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D523 | 𝒻  | MATHEMATICAL FRAKTUR SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D524 | 𝒼  | MATHEMATICAL FRAKTUR SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D525 | 𝒽  | MATHEMATICAL FRAKTUR SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D526 | 𝒾  | MATHEMATICAL FRAKTUR SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D527 | 𝒿  | MATHEMATICAL FRAKTUR SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D528 | 𝓀  | MATHEMATICAL FRAKTUR SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D529 | 𝓁  | MATHEMATICAL FRAKTUR SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D52A | 𝓂  | MATHEMATICAL FRAKTUR SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D52B | 𝓃  | MATHEMATICAL FRAKTUR SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D52C | 𝓄  | MATHEMATICAL FRAKTUR SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D52D | 𝓅  | MATHEMATICAL FRAKTUR SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D52E | 𝓆  | MATHEMATICAL FRAKTUR SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |
| 1D52F | 𝓇  | MATHEMATICAL FRAKTUR SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r     |
| 1D530 | 𝓈  | MATHEMATICAL FRAKTUR SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s     |
| 1D531 | 𝓉  | MATHEMATICAL FRAKTUR SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t     |
| 1D532 | 𝓊  | MATHEMATICAL FRAKTUR SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u     |
| 1D533 | 𝓋  | MATHEMATICAL FRAKTUR SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v     |
| 1D534 | 𝓌  | MATHEMATICAL FRAKTUR SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w     |
| 1D535 | 𝓍  | MATHEMATICAL FRAKTUR SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x     |

|       |   |                                                                             |
|-------|---|-----------------------------------------------------------------------------|
| 1D536 | 𝓎 | MATHEMATICAL FRAKTUR SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D537 | 𝓏 | MATHEMATICAL FRAKTUR SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Double-struck symbols**

*This style is sometimes known as open-face or blackboard-bold. Double-struck symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding. Considerable variation in font style is acceptable, as long as the glyphs retain the visual element of doubled strokes.*

|       |   |                                                                                                                                                   |
|-------|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D538 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL A<br>• a glyph variant with doubled stroke on the left exists<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D539 | 𝔹 | MATHEMATICAL DOUBLE-STRUCK CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b                                                             |
| 1D53A | ◻ | <reserved><br>→ 2102 <b>C</b> double-struck capital c                                                                                             |
| 1D53B | 𝔻 | MATHEMATICAL DOUBLE-STRUCK CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d                                                             |
| 1D53C | 𝔼 | MATHEMATICAL DOUBLE-STRUCK CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e                                                             |
| 1D53D | 𝔽 | MATHEMATICAL DOUBLE-STRUCK CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f                                                             |
| 1D53E | 𝔾 | MATHEMATICAL DOUBLE-STRUCK CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g                                                             |
| 1D53F | ◻ | <reserved><br>→ 210D <b>H</b> double-struck capital h                                                                                             |
| 1D540 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i                                                             |
| 1D541 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j                                                             |
| 1D542 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k                                                             |
| 1D543 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l                                                             |
| 1D544 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m                                                             |
| 1D545 | ◻ | <reserved><br>→ 2115 <b>N</b> double-struck capital n                                                                                             |
| 1D546 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o                                                             |
| 1D547 | ◻ | <reserved><br>→ 2119 <b>P</b> double-struck capital p                                                                                             |
| 1D548 | ◻ | <reserved><br>→ 211A <b>Q</b> double-struck capital q                                                                                             |
| 1D549 | ◻ | <reserved><br>→ 211D <b>R</b> double-struck capital r                                                                                             |
| 1D54A | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s                                                             |
| 1D54B | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t                                                             |
| 1D54C | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u                                                             |
| 1D54D | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v                                                             |
| 1D54E | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w                                                             |
| 1D54F | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x                                                             |
| 1D550 | 𝔸 | MATHEMATICAL DOUBLE-STRUCK CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y                                                             |



|                             |                                                                                     |                                                                                      |       |                                                                                     |                                                                                      |
|-----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1D551                       |    | <reserved><br>→ 2124 Z double-struck capital z                                       | 1D56F |    | MATHEMATICAL BOLD FRAKTUR CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D552                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a    | 1D570 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D553                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b    | 1D571 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D554                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c    | 1D572 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D555                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d    | 1D573 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D556                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e    | 1D574 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D557                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f    | 1D575 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D558                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g    | 1D576 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D559                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h    | 1D577 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D55A                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i    | 1D578 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D55B                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j    | 1D579 |    | MATHEMATICAL BOLD FRAKTUR CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D55C                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k    | 1D57A |    | MATHEMATICAL BOLD FRAKTUR CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D55D                       |    | MATHEMATICAL DOUBLE-STRUCK SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l    | 1D57B |    | MATHEMATICAL BOLD FRAKTUR CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D55E                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m    | 1D57C |  | MATHEMATICAL BOLD FRAKTUR CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D55F                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n    | 1D57D |  | MATHEMATICAL BOLD FRAKTUR CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D560                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o    | 1D57E |  | MATHEMATICAL BOLD FRAKTUR CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D561                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p    | 1D57F |  | MATHEMATICAL BOLD FRAKTUR CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D562                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q    | 1D580 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D563                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r    | 1D581 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D564                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s    | 1D582 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D565                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t    | 1D583 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D566                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u    | 1D584 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D567                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v    | 1D585 |  | MATHEMATICAL BOLD FRAKTUR CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D568                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w    | 1D586 |  | MATHEMATICAL BOLD FRAKTUR SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D569                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x    | 1D587 |  | MATHEMATICAL BOLD FRAKTUR SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D56A                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y    | 1D588 |  | MATHEMATICAL BOLD FRAKTUR SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D56B                       |  | MATHEMATICAL DOUBLE-STRUCK SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z    | 1D589 |  | MATHEMATICAL BOLD FRAKTUR SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| <b>Bold Fraktur symbols</b> |                                                                                     |                                                                                      | 1D58A |  | MATHEMATICAL BOLD FRAKTUR SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D56C                       |  | MATHEMATICAL BOLD FRAKTUR CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a | 1D58B |  | MATHEMATICAL BOLD FRAKTUR SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D56D                       |  | MATHEMATICAL BOLD FRAKTUR CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b | 1D58C |  | MATHEMATICAL BOLD FRAKTUR SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D56E                       |  | MATHEMATICAL BOLD FRAKTUR CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c | 1D58D |  | MATHEMATICAL BOLD FRAKTUR SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |

## 1D58E

## Mathematical Alphanumeric Symbols

## 1D5CA

|       |          |                                                                                  |
|-------|----------|----------------------------------------------------------------------------------|
| 1D58E | <b>i</b> | MATHEMATICAL BOLD FRAKTUR SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i |
| 1D58F | <b>j</b> | MATHEMATICAL BOLD FRAKTUR SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j |
| 1D590 | <b>k</b> | MATHEMATICAL BOLD FRAKTUR SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k |
| 1D591 | <b>l</b> | MATHEMATICAL BOLD FRAKTUR SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D592 | <b>m</b> | MATHEMATICAL BOLD FRAKTUR SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m |
| 1D593 | <b>n</b> | MATHEMATICAL BOLD FRAKTUR SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n |
| 1D594 | <b>o</b> | MATHEMATICAL BOLD FRAKTUR SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o |
| 1D595 | <b>p</b> | MATHEMATICAL BOLD FRAKTUR SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p |
| 1D596 | <b>q</b> | MATHEMATICAL BOLD FRAKTUR SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q |
| 1D597 | <b>r</b> | MATHEMATICAL BOLD FRAKTUR SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D598 | <b>s</b> | MATHEMATICAL BOLD FRAKTUR SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D599 | <b>t</b> | MATHEMATICAL BOLD FRAKTUR SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D59A | <b>u</b> | MATHEMATICAL BOLD FRAKTUR SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D59B | <b>v</b> | MATHEMATICAL BOLD FRAKTUR SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D59C | <b>w</b> | MATHEMATICAL BOLD FRAKTUR SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D59D | <b>x</b> | MATHEMATICAL BOLD FRAKTUR SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D59E | <b>y</b> | MATHEMATICAL BOLD FRAKTUR SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D59F | <b>z</b> | MATHEMATICAL BOLD FRAKTUR SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

## Sans-serif symbols

|       |          |                                                                                    |
|-------|----------|------------------------------------------------------------------------------------|
| 1D5A0 | <b>A</b> | MATHEMATICAL SANS-SERIF CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D5A1 | <b>B</b> | MATHEMATICAL SANS-SERIF CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D5A2 | <b>C</b> | MATHEMATICAL SANS-SERIF CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D5A3 | <b>D</b> | MATHEMATICAL SANS-SERIF CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D5A4 | <b>E</b> | MATHEMATICAL SANS-SERIF CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D5A5 | <b>F</b> | MATHEMATICAL SANS-SERIF CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D5A6 | <b>G</b> | MATHEMATICAL SANS-SERIF CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D5A7 | <b>H</b> | MATHEMATICAL SANS-SERIF CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D5A8 | <b>I</b> | MATHEMATICAL SANS-SERIF CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D5A9 | <b>J</b> | MATHEMATICAL SANS-SERIF CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D5AA | <b>K</b> | MATHEMATICAL SANS-SERIF CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D5AB | <b>L</b> | MATHEMATICAL SANS-SERIF CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |

|       |          |                                                                                    |
|-------|----------|------------------------------------------------------------------------------------|
| 1D5AC | <b>M</b> | MATHEMATICAL SANS-SERIF CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D5AD | <b>N</b> | MATHEMATICAL SANS-SERIF CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D5AE | <b>O</b> | MATHEMATICAL SANS-SERIF CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D5AF | <b>P</b> | MATHEMATICAL SANS-SERIF CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D5B0 | <b>Q</b> | MATHEMATICAL SANS-SERIF CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D5B1 | <b>R</b> | MATHEMATICAL SANS-SERIF CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D5B2 | <b>S</b> | MATHEMATICAL SANS-SERIF CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D5B3 | <b>T</b> | MATHEMATICAL SANS-SERIF CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D5B4 | <b>U</b> | MATHEMATICAL SANS-SERIF CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D5B5 | <b>V</b> | MATHEMATICAL SANS-SERIF CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D5B6 | <b>W</b> | MATHEMATICAL SANS-SERIF CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D5B7 | <b>X</b> | MATHEMATICAL SANS-SERIF CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D5B8 | <b>Y</b> | MATHEMATICAL SANS-SERIF CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D5B9 | <b>Z</b> | MATHEMATICAL SANS-SERIF CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D5BA | <b>a</b> | MATHEMATICAL SANS-SERIF SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D5BB | <b>b</b> | MATHEMATICAL SANS-SERIF SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D5BC | <b>c</b> | MATHEMATICAL SANS-SERIF SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D5BD | <b>d</b> | MATHEMATICAL SANS-SERIF SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D5BE | <b>e</b> | MATHEMATICAL SANS-SERIF SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D5BF | <b>f</b> | MATHEMATICAL SANS-SERIF SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D5C0 | <b>g</b> | MATHEMATICAL SANS-SERIF SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D5C1 | <b>h</b> | MATHEMATICAL SANS-SERIF SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D5C2 | <b>i</b> | MATHEMATICAL SANS-SERIF SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D5C3 | <b>j</b> | MATHEMATICAL SANS-SERIF SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D5C4 | <b>k</b> | MATHEMATICAL SANS-SERIF SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D5C5 | <b>l</b> | MATHEMATICAL SANS-SERIF SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D5C6 | <b>m</b> | MATHEMATICAL SANS-SERIF SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D5C7 | <b>n</b> | MATHEMATICAL SANS-SERIF SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D5C8 | <b>o</b> | MATHEMATICAL SANS-SERIF SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D5C9 | <b>p</b> | MATHEMATICAL SANS-SERIF SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D5CA | <b>q</b> | MATHEMATICAL SANS-SERIF SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |

|       |          |                                                                                |
|-------|----------|--------------------------------------------------------------------------------|
| 1D5CB | <b>r</b> | MATHEMATICAL SANS-SERIF SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D5CC | <b>s</b> | MATHEMATICAL SANS-SERIF SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D5CD | <b>t</b> | MATHEMATICAL SANS-SERIF SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D5CE | <b>u</b> | MATHEMATICAL SANS-SERIF SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D5CF | <b>v</b> | MATHEMATICAL SANS-SERIF SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D5D0 | <b>w</b> | MATHEMATICAL SANS-SERIF SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D5D1 | <b>x</b> | MATHEMATICAL SANS-SERIF SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D5D2 | <b>y</b> | MATHEMATICAL SANS-SERIF SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D5D3 | <b>z</b> | MATHEMATICAL SANS-SERIF SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Sans-serif bold symbols**

|       |          |                                                                                         |
|-------|----------|-----------------------------------------------------------------------------------------|
| 1D5D4 | <b>A</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D5D5 | <b>B</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D5D6 | <b>C</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D5D7 | <b>D</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D5D8 | <b>E</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D5D9 | <b>F</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D5DA | <b>G</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D5DB | <b>H</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D5DC | <b>I</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D5DD | <b>J</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D5DE | <b>K</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D5DF | <b>L</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D5E0 | <b>M</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D5E1 | <b>N</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D5E2 | <b>O</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D5E3 | <b>P</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D5E4 | <b>Q</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D5E5 | <b>R</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D5E6 | <b>S</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D5E7 | <b>T</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D5E8 | <b>U</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |

|       |          |                                                                                         |
|-------|----------|-----------------------------------------------------------------------------------------|
| 1D5E9 | <b>V</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D5EA | <b>W</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D5EB | <b>X</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D5EC | <b>Y</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D5ED | <b>Z</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D5EE | <b>a</b> | MATHEMATICAL SANS-SERIF BOLD SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D5EF | <b>b</b> | MATHEMATICAL SANS-SERIF BOLD SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D5F0 | <b>c</b> | MATHEMATICAL SANS-SERIF BOLD SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D5F1 | <b>d</b> | MATHEMATICAL SANS-SERIF BOLD SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D5F2 | <b>e</b> | MATHEMATICAL SANS-SERIF BOLD SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D5F3 | <b>f</b> | MATHEMATICAL SANS-SERIF BOLD SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D5F4 | <b>g</b> | MATHEMATICAL SANS-SERIF BOLD SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D5F5 | <b>h</b> | MATHEMATICAL SANS-SERIF BOLD SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D5F6 | <b>i</b> | MATHEMATICAL SANS-SERIF BOLD SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D5F7 | <b>j</b> | MATHEMATICAL SANS-SERIF BOLD SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D5F8 | <b>k</b> | MATHEMATICAL SANS-SERIF BOLD SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D5F9 | <b>l</b> | MATHEMATICAL SANS-SERIF BOLD SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D5FA | <b>m</b> | MATHEMATICAL SANS-SERIF BOLD SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D5FB | <b>n</b> | MATHEMATICAL SANS-SERIF BOLD SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D5FC | <b>o</b> | MATHEMATICAL SANS-SERIF BOLD SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D5FD | <b>p</b> | MATHEMATICAL SANS-SERIF BOLD SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D5FE | <b>q</b> | MATHEMATICAL SANS-SERIF BOLD SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |
| 1D5FF | <b>r</b> | MATHEMATICAL SANS-SERIF BOLD SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r     |
| 1D600 | <b>s</b> | MATHEMATICAL SANS-SERIF BOLD SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s     |
| 1D601 | <b>t</b> | MATHEMATICAL SANS-SERIF BOLD SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t     |
| 1D602 | <b>u</b> | MATHEMATICAL SANS-SERIF BOLD SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u     |
| 1D603 | <b>v</b> | MATHEMATICAL SANS-SERIF BOLD SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v     |
| 1D604 | <b>w</b> | MATHEMATICAL SANS-SERIF BOLD SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w     |
| 1D605 | <b>x</b> | MATHEMATICAL SANS-SERIF BOLD SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x     |
| 1D606 | <b>y</b> | MATHEMATICAL SANS-SERIF BOLD SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y     |
| 1D607 | <b>z</b> | MATHEMATICAL SANS-SERIF BOLD SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z     |

**Sans-serif italic symbols**

|       |          |                                                                                           |
|-------|----------|-------------------------------------------------------------------------------------------|
| 1D608 | <b>A</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D609 | <b>B</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D60A | <b>C</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D60B | <b>D</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D60C | <b>E</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D60D | <b>F</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D60E | <b>G</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D60F | <b>H</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D610 | <b>I</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D611 | <b>J</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D612 | <b>K</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D613 | <b>L</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D614 | <b>M</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D615 | <b>N</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D616 | <b>O</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D617 | <b>P</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D618 | <b>Q</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D619 | <b>R</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D61A | <b>S</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D61B | <b>T</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D61C | <b>U</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D61D | <b>V</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D61E | <b>W</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D61F | <b>X</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |
| 1D620 | <b>Y</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D621 | <b>Z</b> | MATHEMATICAL SANS-SERIF ITALIC CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D622 | <b>a</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D623 | <b>b</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D624 | <b>c</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D625 | <b>d</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |

|       |          |                                                                                       |
|-------|----------|---------------------------------------------------------------------------------------|
| 1D626 | <b>e</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e |
| 1D627 | <b>f</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f |
| 1D628 | <b>g</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g |
| 1D629 | <b>h</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h |
| 1D62A | <b>i</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i |
| 1D62B | <b>j</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j |
| 1D62C | <b>k</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k |
| 1D62D | <b>l</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D62E | <b>m</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m |
| 1D62F | <b>n</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n |
| 1D630 | <b>o</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o |
| 1D631 | <b>p</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p |
| 1D632 | <b>q</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q |
| 1D633 | <b>r</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D634 | <b>s</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D635 | <b>t</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D636 | <b>u</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D637 | <b>v</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |
| 1D638 | <b>w</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D639 | <b>x</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D63A | <b>y</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D63B | <b>z</b> | MATHEMATICAL SANS-SERIF ITALIC SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

**Sans-serif bold italic symbols**

|       |          |                                                                                                |
|-------|----------|------------------------------------------------------------------------------------------------|
| 1D63C | <b>A</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D63D | <b>B</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D63E | <b>C</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D63F | <b>D</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D640 | <b>E</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D641 | <b>F</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |



|       |          |                                                                                                |       |          |                                                                                            |
|-------|----------|------------------------------------------------------------------------------------------------|-------|----------|--------------------------------------------------------------------------------------------|
| 1D642 | <b>G</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g | 1D657 | <b>b</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b |
| 1D643 | <b>H</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h | 1D658 | <b>c</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c |
| 1D644 | <b>I</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i | 1D659 | <b>d</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d |
| 1D645 | <b>J</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j | 1D65A | <b>e</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e |
| 1D646 | <b>K</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k | 1D65B | <b>f</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f |
| 1D647 | <b>L</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l | 1D65C | <b>g</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g |
| 1D648 | <b>M</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m | 1D65D | <b>h</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h |
| 1D649 | <b>N</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n | 1D65E | <b>i</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i |
| 1D64A | <b>O</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o | 1D65F | <b>j</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j |
| 1D64B | <b>P</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p | 1D660 | <b>k</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k |
| 1D64C | <b>Q</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q | 1D661 | <b>l</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l |
| 1D64D | <b>R</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r | 1D662 | <b>m</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m |
| 1D64E | <b>S</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s | 1D663 | <b>n</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n |
| 1D64F | <b>T</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t | 1D664 | <b>o</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o |
| 1D650 | <b>U</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u | 1D665 | <b>p</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p |
| 1D651 | <b>V</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v | 1D666 | <b>q</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q |
| 1D652 | <b>W</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w | 1D667 | <b>r</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r |
| 1D653 | <b>X</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x | 1D668 | <b>s</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s |
| 1D654 | <b>Y</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y | 1D669 | <b>t</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t |
| 1D655 | <b>Z</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z | 1D66A | <b>u</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u |
| 1D656 | <b>a</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     | 1D66B | <b>v</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v |

## 1D66C

## Mathematical Alphanumeric Symbols

## 1D6A3

|       |          |                                                                                            |
|-------|----------|--------------------------------------------------------------------------------------------|
| 1D66C | <b>w</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w |
| 1D66D | <b>x</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x |
| 1D66E | <b>y</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y |
| 1D66F | <b>z</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z |

## Monospace symbols

|       |          |                                                                                   |
|-------|----------|-----------------------------------------------------------------------------------|
| 1D670 | <b>A</b> | MATHEMATICAL MONOSPACE CAPITAL A<br>≈ <font> 0041 <b>A</b> latin capital letter a |
| 1D671 | <b>B</b> | MATHEMATICAL MONOSPACE CAPITAL B<br>≈ <font> 0042 <b>B</b> latin capital letter b |
| 1D672 | <b>C</b> | MATHEMATICAL MONOSPACE CAPITAL C<br>≈ <font> 0043 <b>C</b> latin capital letter c |
| 1D673 | <b>D</b> | MATHEMATICAL MONOSPACE CAPITAL D<br>≈ <font> 0044 <b>D</b> latin capital letter d |
| 1D674 | <b>E</b> | MATHEMATICAL MONOSPACE CAPITAL E<br>≈ <font> 0045 <b>E</b> latin capital letter e |
| 1D675 | <b>F</b> | MATHEMATICAL MONOSPACE CAPITAL F<br>≈ <font> 0046 <b>F</b> latin capital letter f |
| 1D676 | <b>G</b> | MATHEMATICAL MONOSPACE CAPITAL G<br>≈ <font> 0047 <b>G</b> latin capital letter g |
| 1D677 | <b>H</b> | MATHEMATICAL MONOSPACE CAPITAL H<br>≈ <font> 0048 <b>H</b> latin capital letter h |
| 1D678 | <b>I</b> | MATHEMATICAL MONOSPACE CAPITAL I<br>≈ <font> 0049 <b>I</b> latin capital letter i |
| 1D679 | <b>J</b> | MATHEMATICAL MONOSPACE CAPITAL J<br>≈ <font> 004A <b>J</b> latin capital letter j |
| 1D67A | <b>K</b> | MATHEMATICAL MONOSPACE CAPITAL K<br>≈ <font> 004B <b>K</b> latin capital letter k |
| 1D67B | <b>L</b> | MATHEMATICAL MONOSPACE CAPITAL L<br>≈ <font> 004C <b>L</b> latin capital letter l |
| 1D67C | <b>M</b> | MATHEMATICAL MONOSPACE CAPITAL M<br>≈ <font> 004D <b>M</b> latin capital letter m |
| 1D67D | <b>N</b> | MATHEMATICAL MONOSPACE CAPITAL N<br>≈ <font> 004E <b>N</b> latin capital letter n |
| 1D67E | <b>O</b> | MATHEMATICAL MONOSPACE CAPITAL O<br>≈ <font> 004F <b>O</b> latin capital letter o |
| 1D67F | <b>P</b> | MATHEMATICAL MONOSPACE CAPITAL P<br>≈ <font> 0050 <b>P</b> latin capital letter p |
| 1D680 | <b>Q</b> | MATHEMATICAL MONOSPACE CAPITAL Q<br>≈ <font> 0051 <b>Q</b> latin capital letter q |
| 1D681 | <b>R</b> | MATHEMATICAL MONOSPACE CAPITAL R<br>≈ <font> 0052 <b>R</b> latin capital letter r |
| 1D682 | <b>S</b> | MATHEMATICAL MONOSPACE CAPITAL S<br>≈ <font> 0053 <b>S</b> latin capital letter s |
| 1D683 | <b>T</b> | MATHEMATICAL MONOSPACE CAPITAL T<br>≈ <font> 0054 <b>T</b> latin capital letter t |
| 1D684 | <b>U</b> | MATHEMATICAL MONOSPACE CAPITAL U<br>≈ <font> 0055 <b>U</b> latin capital letter u |
| 1D685 | <b>V</b> | MATHEMATICAL MONOSPACE CAPITAL V<br>≈ <font> 0056 <b>V</b> latin capital letter v |
| 1D686 | <b>W</b> | MATHEMATICAL MONOSPACE CAPITAL W<br>≈ <font> 0057 <b>W</b> latin capital letter w |
| 1D687 | <b>X</b> | MATHEMATICAL MONOSPACE CAPITAL X<br>≈ <font> 0058 <b>X</b> latin capital letter x |

|       |          |                                                                                   |
|-------|----------|-----------------------------------------------------------------------------------|
| 1D688 | <b>Y</b> | MATHEMATICAL MONOSPACE CAPITAL Y<br>≈ <font> 0059 <b>Y</b> latin capital letter y |
| 1D689 | <b>Z</b> | MATHEMATICAL MONOSPACE CAPITAL Z<br>≈ <font> 005A <b>Z</b> latin capital letter z |
| 1D68A | <b>a</b> | MATHEMATICAL MONOSPACE SMALL A<br>≈ <font> 0061 <b>a</b> latin small letter a     |
| 1D68B | <b>b</b> | MATHEMATICAL MONOSPACE SMALL B<br>≈ <font> 0062 <b>b</b> latin small letter b     |
| 1D68C | <b>c</b> | MATHEMATICAL MONOSPACE SMALL C<br>≈ <font> 0063 <b>c</b> latin small letter c     |
| 1D68D | <b>d</b> | MATHEMATICAL MONOSPACE SMALL D<br>≈ <font> 0064 <b>d</b> latin small letter d     |
| 1D68E | <b>e</b> | MATHEMATICAL MONOSPACE SMALL E<br>≈ <font> 0065 <b>e</b> latin small letter e     |
| 1D68F | <b>f</b> | MATHEMATICAL MONOSPACE SMALL F<br>≈ <font> 0066 <b>f</b> latin small letter f     |
| 1D690 | <b>g</b> | MATHEMATICAL MONOSPACE SMALL G<br>≈ <font> 0067 <b>g</b> latin small letter g     |
| 1D691 | <b>h</b> | MATHEMATICAL MONOSPACE SMALL H<br>≈ <font> 0068 <b>h</b> latin small letter h     |
| 1D692 | <b>i</b> | MATHEMATICAL MONOSPACE SMALL I<br>≈ <font> 0069 <b>i</b> latin small letter i     |
| 1D693 | <b>j</b> | MATHEMATICAL MONOSPACE SMALL J<br>≈ <font> 006A <b>j</b> latin small letter j     |
| 1D694 | <b>k</b> | MATHEMATICAL MONOSPACE SMALL K<br>≈ <font> 006B <b>k</b> latin small letter k     |
| 1D695 | <b>l</b> | MATHEMATICAL MONOSPACE SMALL L<br>≈ <font> 006C <b>l</b> latin small letter l     |
| 1D696 | <b>m</b> | MATHEMATICAL MONOSPACE SMALL M<br>≈ <font> 006D <b>m</b> latin small letter m     |
| 1D697 | <b>n</b> | MATHEMATICAL MONOSPACE SMALL N<br>≈ <font> 006E <b>n</b> latin small letter n     |
| 1D698 | <b>o</b> | MATHEMATICAL MONOSPACE SMALL O<br>≈ <font> 006F <b>o</b> latin small letter o     |
| 1D699 | <b>p</b> | MATHEMATICAL MONOSPACE SMALL P<br>≈ <font> 0070 <b>p</b> latin small letter p     |
| 1D69A | <b>q</b> | MATHEMATICAL MONOSPACE SMALL Q<br>≈ <font> 0071 <b>q</b> latin small letter q     |
| 1D69B | <b>r</b> | MATHEMATICAL MONOSPACE SMALL R<br>≈ <font> 0072 <b>r</b> latin small letter r     |
| 1D69C | <b>s</b> | MATHEMATICAL MONOSPACE SMALL S<br>≈ <font> 0073 <b>s</b> latin small letter s     |
| 1D69D | <b>t</b> | MATHEMATICAL MONOSPACE SMALL T<br>≈ <font> 0074 <b>t</b> latin small letter t     |
| 1D69E | <b>u</b> | MATHEMATICAL MONOSPACE SMALL U<br>≈ <font> 0075 <b>u</b> latin small letter u     |
| 1D69F | <b>v</b> | MATHEMATICAL MONOSPACE SMALL V<br>≈ <font> 0076 <b>v</b> latin small letter v     |
| 1D6A0 | <b>w</b> | MATHEMATICAL MONOSPACE SMALL W<br>≈ <font> 0077 <b>w</b> latin small letter w     |
| 1D6A1 | <b>x</b> | MATHEMATICAL MONOSPACE SMALL X<br>≈ <font> 0078 <b>x</b> latin small letter x     |
| 1D6A2 | <b>y</b> | MATHEMATICAL MONOSPACE SMALL Y<br>≈ <font> 0079 <b>y</b> latin small letter y     |
| 1D6A3 | <b>z</b> | MATHEMATICAL MONOSPACE SMALL Z<br>≈ <font> 007A <b>z</b> latin small letter z     |

**Dotless symbols**

For use as independent symbols. These are not required as base characters for accents since regular *i* and *j* are soft-dotted in Unicode.

- 1D6A4 **ı** MATHEMATICAL ITALIC SMALL DOTLESS I  
 ≈ `\imath`  
 → 0131 **ı** latin small letter dotless i  
 → 1D456 **i** mathematical italic small i  
 ≈ `<font> 0131 ı` latin small letter dotless i
- 1D6A5 **j** MATHEMATICAL ITALIC SMALL DOTLESS J  
 ≈ `\jmath`  
 → 0237 **j** latin small letter dotless j  
 → 1D457 **j** mathematical italic small j  
 ≈ `<font> 0237 j` latin small letter dotless j

**Bold Greek symbols**

- 1D6A8 **Α** MATHEMATICAL BOLD CAPITAL ALPHA  
 ≈ `<font> 0391 Α` greek capital letter alpha
- 1D6A9 **Β** MATHEMATICAL BOLD CAPITAL BETA  
 ≈ `<font> 0392 Β` greek capital letter beta
- 1D6AA **Γ** MATHEMATICAL BOLD CAPITAL GAMMA  
 ≈ `<font> 0393 Γ` greek capital letter gamma
- 1D6AB **Δ** MATHEMATICAL BOLD CAPITAL DELTA  
 ≈ `<font> 0394 Δ` greek capital letter delta
- 1D6AC **Ε** MATHEMATICAL BOLD CAPITAL EPSILON  
 ≈ `<font> 0395 Ε` greek capital letter epsilon
- 1D6AD **Ζ** MATHEMATICAL BOLD CAPITAL ZETA  
 ≈ `<font> 0396 Ζ` greek capital letter zeta
- 1D6AE **Η** MATHEMATICAL BOLD CAPITAL ETA  
 ≈ `<font> 0397 Η` greek capital letter eta
- 1D6AF **Θ** MATHEMATICAL BOLD CAPITAL THETA  
 ≈ `<font> 0398 Θ` greek capital letter theta
- 1D6B0 **Ι** MATHEMATICAL BOLD CAPITAL IOTA  
 ≈ `<font> 0399 Ι` greek capital letter iota
- 1D6B1 **Κ** MATHEMATICAL BOLD CAPITAL KAPPA  
 ≈ `<font> 039A Κ` greek capital letter kappa
- 1D6B2 **Λ** MATHEMATICAL BOLD CAPITAL LAMDA  
 ≈ `<font> 039B Λ` greek capital letter lamda
- 1D6B3 **Μ** MATHEMATICAL BOLD CAPITAL MU  
 ≈ `<font> 039C Μ` greek capital letter mu
- 1D6B4 **Ν** MATHEMATICAL BOLD CAPITAL NU  
 ≈ `<font> 039D Ν` greek capital letter nu
- 1D6B5 **Ξ** MATHEMATICAL BOLD CAPITAL XI  
 ≈ `<font> 039E Ξ` greek capital letter xi
- 1D6B6 **Ο** MATHEMATICAL BOLD CAPITAL OMICRON  
 ≈ `<font> 039F Ο` greek capital letter omicron
- 1D6B7 **Π** MATHEMATICAL BOLD CAPITAL PI  
 ≈ `<font> 03A0 Π` greek capital letter pi
- 1D6B8 **Ρ** MATHEMATICAL BOLD CAPITAL RHO  
 ≈ `<font> 03A1 Ρ` greek capital letter rho
- 1D6B9 **Θ** MATHEMATICAL BOLD CAPITAL THETA SYMBOL  
 ≈ `<font> 03F4 Θ` greek capital theta symbol
- 1D6BA **Σ** MATHEMATICAL BOLD CAPITAL SIGMA  
 ≈ `<font> 03A3 Σ` greek capital letter sigma
- 1D6BB **Τ** MATHEMATICAL BOLD CAPITAL TAU  
 ≈ `<font> 03A4 Τ` greek capital letter tau
- 1D6BC **Υ** MATHEMATICAL BOLD CAPITAL UPSILON  
 ≈ `<font> 03A5 Υ` greek capital letter upsilon
- 1D6BD **Φ** MATHEMATICAL BOLD CAPITAL PHI  
 ≈ `<font> 03A6 Φ` greek capital letter phi
- 1D6BE **Χ** MATHEMATICAL BOLD CAPITAL CHI  
 ≈ `<font> 03A7 Χ` greek capital letter chi

- 1D6BF **Ψ** MATHEMATICAL BOLD CAPITAL PSI  
 ≈ `<font> 03A8 Ψ` greek capital letter psi
- 1D6C0 **Ω** MATHEMATICAL BOLD CAPITAL OMEGA  
 ≈ `<font> 03A9 Ω` greek capital letter omega
- 1D6C1 **∇** MATHEMATICAL BOLD NABLA  
 ≈ `<font> 2207 ∇` nabla
- 1D6C2 **α** MATHEMATICAL BOLD SMALL ALPHA  
 ≈ `<font> 03B1 α` greek small letter alpha
- 1D6C3 **β** MATHEMATICAL BOLD SMALL BETA  
 ≈ `<font> 03B2 β` greek small letter beta
- 1D6C4 **γ** MATHEMATICAL BOLD SMALL GAMMA  
 ≈ `<font> 03B3 γ` greek small letter gamma
- 1D6C5 **δ** MATHEMATICAL BOLD SMALL DELTA  
 ≈ `<font> 03B4 δ` greek small letter delta
- 1D6C6 **ε** MATHEMATICAL BOLD SMALL EPSILON  
 ≈ `<font> 03B5 ε` greek small letter epsilon
- 1D6C7 **ζ** MATHEMATICAL BOLD SMALL ZETA  
 ≈ `<font> 03B6 ζ` greek small letter zeta
- 1D6C8 **η** MATHEMATICAL BOLD SMALL ETA  
 ≈ `<font> 03B7 η` greek small letter eta
- 1D6C9 **θ** MATHEMATICAL BOLD SMALL THETA  
 ≈ `<font> 03B8 θ` greek small letter theta
- 1D6CA **ι** MATHEMATICAL BOLD SMALL IOTA  
 ≈ `<font> 03B9 ι` greek small letter iota
- 1D6CB **κ** MATHEMATICAL BOLD SMALL KAPPA  
 ≈ `<font> 03BA κ` greek small letter kappa
- 1D6CC **λ** MATHEMATICAL BOLD SMALL LAMDA  
 ≈ `<font> 03BB λ` greek small letter lamda
- 1D6CD **μ** MATHEMATICAL BOLD SMALL MU  
 ≈ `<font> 03BC μ` greek small letter mu
- 1D6CE **ν** MATHEMATICAL BOLD SMALL NU  
 ≈ `<font> 03BD ν` greek small letter nu
- 1D6CF **ξ** MATHEMATICAL BOLD SMALL XI  
 ≈ `<font> 03BE ξ` greek small letter xi
- 1D6D0 **ο** MATHEMATICAL BOLD SMALL OMICRON  
 ≈ `<font> 03BF ο` greek small letter omicron
- 1D6D1 **π** MATHEMATICAL BOLD SMALL PI  
 ≈ `<font> 03C0 π` greek small letter pi
- 1D6D2 **ρ** MATHEMATICAL BOLD SMALL RHO  
 ≈ `<font> 03C1 ρ` greek small letter rho
- 1D6D3 **ς** MATHEMATICAL BOLD SMALL FINAL SIGMA  
 ≈ `<font> 03C2 ς` greek small letter final sigma
- 1D6D4 **σ** MATHEMATICAL BOLD SMALL SIGMA  
 ≈ `<font> 03C3 σ` greek small letter sigma
- 1D6D5 **τ** MATHEMATICAL BOLD SMALL TAU  
 ≈ `<font> 03C4 τ` greek small letter tau
- 1D6D6 **υ** MATHEMATICAL BOLD SMALL UPSILON  
 ≈ `<font> 03C5 υ` greek small letter upsilon
- 1D6D7 **φ** MATHEMATICAL BOLD SMALL PHI  
 ≈ `<font> 03C6 φ` greek small letter phi
- 1D6D8 **χ** MATHEMATICAL BOLD SMALL CHI  
 ≈ `<font> 03C7 χ` greek small letter chi
- 1D6D9 **ψ** MATHEMATICAL BOLD SMALL PSI  
 ≈ `<font> 03C8 ψ` greek small letter psi
- 1D6DA **ω** MATHEMATICAL BOLD SMALL OMEGA  
 ≈ `<font> 03C9 ω` greek small letter omega

**Additional bold Greek symbols**

- 1D6DB **∂** MATHEMATICAL BOLD PARTIAL DIFFERENTIAL  
 ≈ `<font> 2202 ∂` partial differential
- 1D6DC **€** MATHEMATICAL BOLD EPSILON SYMBOL  
 ≈ `<font> 03F5 €` greek lunate epsilon symbol



1D6DD **Θ** MATHEMATICAL BOLD THETA SYMBOL≈ <font> 03D1 **Θ** greek theta symbol1D6DE **Χ** MATHEMATICAL BOLD KAPPA SYMBOL≈ <font> 03F0 **Χ** greek kappa symbol1D6DF **Φ** MATHEMATICAL BOLD PHI SYMBOL≈ <font> 03D5 **Φ** greek phi symbol1D6E0 **Ρ** MATHEMATICAL BOLD RHO SYMBOL≈ <font> 03F1 **Ρ** greek rho symbol1D6E1 **Π** MATHEMATICAL BOLD PI SYMBOL≈ <font> 03D6 **Π** greek pi symbol**Italic Greek symbols**1D6E2 **Α** MATHEMATICAL ITALIC CAPITAL ALPHA≈ <font> 0391 **Α** greek capital letter alpha1D6E3 **Β** MATHEMATICAL ITALIC CAPITAL BETA≈ <font> 0392 **Β** greek capital letter beta1D6E4 **Γ** MATHEMATICAL ITALIC CAPITAL GAMMA≈ <font> 0393 **Γ** greek capital letter gamma1D6E5 **Δ** MATHEMATICAL ITALIC CAPITAL DELTA≈ <font> 0394 **Δ** greek capital letter delta1D6E6 **Ε** MATHEMATICAL ITALIC CAPITAL EPSILON≈ <font> 0395 **Ε** greek capital letter epsilon1D6E7 **Ζ** MATHEMATICAL ITALIC CAPITAL ZETA≈ <font> 0396 **Ζ** greek capital letter zeta1D6E8 **Η** MATHEMATICAL ITALIC CAPITAL ETA≈ <font> 0397 **Η** greek capital letter eta1D6E9 **Θ** MATHEMATICAL ITALIC CAPITAL THETA≈ <font> 0398 **Θ** greek capital letter theta1D6EA **Ι** MATHEMATICAL ITALIC CAPITAL IOTA≈ <font> 0399 **Ι** greek capital letter iota1D6EB **Κ** MATHEMATICAL ITALIC CAPITAL KAPPA≈ <font> 039A **Κ** greek capital letter kappa1D6EC **Λ** MATHEMATICAL ITALIC CAPITAL LAMDA≈ <font> 039B **Λ** greek capital letter lamda1D6ED **Μ** MATHEMATICAL ITALIC CAPITAL MU≈ <font> 039C **Μ** greek capital letter mu1D6EE **Ν** MATHEMATICAL ITALIC CAPITAL NU≈ <font> 039D **Ν** greek capital letter nu1D6EF **Ξ** MATHEMATICAL ITALIC CAPITAL XI≈ <font> 039E **Ξ** greek capital letter xi1D6F0 **Ο** MATHEMATICAL ITALIC CAPITAL OMICRON≈ <font> 039F **Ο** greek capital letter omicron1D6F1 **Π** MATHEMATICAL ITALIC CAPITAL PI≈ <font> 03A0 **Π** greek capital letter pi1D6F2 **Ρ** MATHEMATICAL ITALIC CAPITAL RHO≈ <font> 03A1 **Ρ** greek capital letter rho1D6F3 **Θ** MATHEMATICAL ITALIC CAPITAL THETA

SYMBOL

≈ <font> 03F4 **Θ** greek capital theta symbol1D6F4 **Σ** MATHEMATICAL ITALIC CAPITAL SIGMA≈ <font> 03A3 **Σ** greek capital letter sigma1D6F5 **Τ** MATHEMATICAL ITALIC CAPITAL TAU≈ <font> 03A4 **Τ** greek capital letter tau1D6F6 **Υ** MATHEMATICAL ITALIC CAPITAL UPSILON≈ <font> 03A5 **Υ** greek capital letter upsilon1D6F7 **Φ** MATHEMATICAL ITALIC CAPITAL PHI≈ <font> 03A6 **Φ** greek capital letter phi1D6F8 **Χ** MATHEMATICAL ITALIC CAPITAL CHI≈ <font> 03A7 **Χ** greek capital letter chi1D6F9 **Ψ** MATHEMATICAL ITALIC CAPITAL PSI≈ <font> 03A8 **Ψ** greek capital letter psi1D6FA **Ω** MATHEMATICAL ITALIC CAPITAL OMEGA≈ <font> 03A9 **Ω** greek capital letter omega1D6FB **∇** MATHEMATICAL ITALIC NABLA≈ <font> 2207 **∇** nabla1D6FC **α** MATHEMATICAL ITALIC SMALL ALPHA≈ <font> 03B1 **α** greek small letter alpha1D6FD **β** MATHEMATICAL ITALIC SMALL BETA≈ <font> 03B2 **β** greek small letter beta1D6FE **γ** MATHEMATICAL ITALIC SMALL GAMMA≈ <font> 03B3 **γ** greek small letter gamma1D6FF **δ** MATHEMATICAL ITALIC SMALL DELTA≈ <font> 03B4 **δ** greek small letter delta1D700 **ε** MATHEMATICAL ITALIC SMALL EPSILON≈ <font> 03B5 **ε** greek small letter epsilon1D701 **ζ** MATHEMATICAL ITALIC SMALL ZETA≈ <font> 03B6 **ζ** greek small letter zeta1D702 **η** MATHEMATICAL ITALIC SMALL ETA≈ <font> 03B7 **η** greek small letter eta1D703 **θ** MATHEMATICAL ITALIC SMALL THETA≈ <font> 03B8 **θ** greek small letter theta1D704 **ι** MATHEMATICAL ITALIC SMALL IOTA≈ <font> 03B9 **ι** greek small letter iota1D705 **κ** MATHEMATICAL ITALIC SMALL KAPPA≈ <font> 03BA **κ** greek small letter kappa1D706 **λ** MATHEMATICAL ITALIC SMALL LAMDA≈ <font> 03BB **λ** greek small letter lamda1D707 **μ** MATHEMATICAL ITALIC SMALL MU≈ <font> 03BC **μ** greek small letter mu1D708 **ν** MATHEMATICAL ITALIC SMALL NU≈ <font> 03BD **ν** greek small letter nu1D709 **ξ** MATHEMATICAL ITALIC SMALL XI≈ <font> 03BE **ξ** greek small letter xi1D70A **ο** MATHEMATICAL ITALIC SMALL OMICRON≈ <font> 03BF **ο** greek small letter omicron1D70B **π** MATHEMATICAL ITALIC SMALL PI≈ <font> 03C0 **π** greek small letter pi1D70C **ρ** MATHEMATICAL ITALIC SMALL RHO≈ <font> 03C1 **ρ** greek small letter rho1D70D **ς** MATHEMATICAL ITALIC SMALL FINAL SIGMA≈ <font> 03C2 **ς** greek small letter final sigma1D70E **σ** MATHEMATICAL ITALIC SMALL SIGMA≈ <font> 03C3 **σ** greek small letter sigma1D70F **τ** MATHEMATICAL ITALIC SMALL TAU≈ <font> 03C4 **τ** greek small letter tau1D710 **υ** MATHEMATICAL ITALIC SMALL UPSILON≈ <font> 03C5 **υ** greek small letter upsilon1D711 **φ** MATHEMATICAL ITALIC SMALL PHI≈ <font> 03C6 **φ** greek small letter phi1D712 **χ** MATHEMATICAL ITALIC SMALL CHI≈ <font> 03C7 **χ** greek small letter chi1D713 **ψ** MATHEMATICAL ITALIC SMALL PSI≈ <font> 03C8 **ψ** greek small letter psi1D714 **ω** MATHEMATICAL ITALIC SMALL OMEGA≈ <font> 03C9 **ω** greek small letter omega**Additional italic Greek symbols**1D715 **∂** MATHEMATICAL ITALIC PARTIAL DIFFERENTIAL≈ <font> 2202 **∂** partial differential1D716 **ε** MATHEMATICAL ITALIC EPSILON SYMBOL≈ <font> 03F5 **ε** greek lunate epsilon symbol1D717 **θ** MATHEMATICAL ITALIC THETA SYMBOL≈ <font> 03D1 **θ** greek theta symbol1D718 **κ** MATHEMATICAL ITALIC KAPPA SYMBOL≈ <font> 03F0 **κ** greek kappa symbol

- 1D719  $\phi$  MATHEMATICAL ITALIC PHI SYMBOL  
 $\approx$  <font> 03D5  $\phi$  greek phi symbol  
 1D71A  $\rho$  MATHEMATICAL ITALIC RHO SYMBOL  
 $\approx$  <font> 03F1  $\rho$  greek rho symbol  
 1D71B  $\pi$  MATHEMATICAL ITALIC PI SYMBOL  
 $\approx$  <font> 03D6  $\pi$  greek pi symbol

**Bold italic Greek symbols**

- 1D71C  **$\mathbf{A}$**  MATHEMATICAL BOLD ITALIC CAPITAL ALPHA  
 $\approx$  <font> 0391  **$\mathbf{A}$**  greek capital letter alpha  
 1D71D  **$\mathbf{B}$**  MATHEMATICAL BOLD ITALIC CAPITAL BETA  
 $\approx$  <font> 0392  **$\mathbf{B}$**  greek capital letter beta  
 1D71E  **$\mathbf{\Gamma}$**  MATHEMATICAL BOLD ITALIC CAPITAL GAMMA  
 $\approx$  <font> 0393  **$\mathbf{\Gamma}$**  greek capital letter gamma  
 1D71F  **$\mathbf{\Delta}$**  MATHEMATICAL BOLD ITALIC CAPITAL DELTA  
 $\approx$  <font> 0394  **$\mathbf{\Delta}$**  greek capital letter delta  
 1D720  **$\mathbf{E}$**  MATHEMATICAL BOLD ITALIC CAPITAL EPSILON  
 $\approx$  <font> 0395  **$\mathbf{E}$**  greek capital letter epsilon  
 1D721  **$\mathbf{Z}$**  MATHEMATICAL BOLD ITALIC CAPITAL ZETA  
 $\approx$  <font> 0396  **$\mathbf{Z}$**  greek capital letter zeta  
 1D722  **$\mathbf{H}$**  MATHEMATICAL BOLD ITALIC CAPITAL ETA  
 $\approx$  <font> 0397  **$\mathbf{H}$**  greek capital letter eta  
 1D723  **$\mathbf{\Theta}$**  MATHEMATICAL BOLD ITALIC CAPITAL THETA  
 $\approx$  <font> 0398  **$\mathbf{\Theta}$**  greek capital letter theta  
 1D724  **$\mathbf{I}$**  MATHEMATICAL BOLD ITALIC CAPITAL IOTA  
 $\approx$  <font> 0399  **$\mathbf{I}$**  greek capital letter iota  
 1D725  **$\mathbf{K}$**  MATHEMATICAL BOLD ITALIC CAPITAL KAPPA  
 $\approx$  <font> 039A  **$\mathbf{K}$**  greek capital letter kappa  
 1D726  **$\mathbf{\Lambda}$**  MATHEMATICAL BOLD ITALIC CAPITAL LAMDA  
 $\approx$  <font> 039B  **$\mathbf{\Lambda}$**  greek capital letter lamda  
 1D727  **$\mathbf{M}$**  MATHEMATICAL BOLD ITALIC CAPITAL MU  
 $\approx$  <font> 039C  **$\mathbf{M}$**  greek capital letter mu  
 1D728  **$\mathbf{N}$**  MATHEMATICAL BOLD ITALIC CAPITAL NU  
 $\approx$  <font> 039D  **$\mathbf{N}$**  greek capital letter nu  
 1D729  **$\mathbf{\Xi}$**  MATHEMATICAL BOLD ITALIC CAPITAL XI  
 $\approx$  <font> 039E  **$\mathbf{\Xi}$**  greek capital letter xi  
 1D72A  **$\mathbf{O}$**  MATHEMATICAL BOLD ITALIC CAPITAL OMICRON  
 $\approx$  <font> 039F  **$\mathbf{O}$**  greek capital letter omicron  
 1D72B  **$\mathbf{\Pi}$**  MATHEMATICAL BOLD ITALIC CAPITAL PI  
 $\approx$  <font> 03A0  **$\mathbf{\Pi}$**  greek capital letter pi  
 1D72C  **$\mathbf{P}$**  MATHEMATICAL BOLD ITALIC CAPITAL RHO  
 $\approx$  <font> 03A1  **$\mathbf{P}$**  greek capital letter rho  
 1D72D  **$\mathbf{\Theta}$**  MATHEMATICAL BOLD ITALIC CAPITAL THETA SYMBOL  
 $\approx$  <font> 03F4  **$\mathbf{\Theta}$**  greek capital theta symbol  
 1D72E  **$\mathbf{\Sigma}$**  MATHEMATICAL BOLD ITALIC CAPITAL SIGMA  
 $\approx$  <font> 03A3  **$\mathbf{\Sigma}$**  greek capital letter sigma  
 1D72F  **$\mathbf{T}$**  MATHEMATICAL BOLD ITALIC CAPITAL TAU  
 $\approx$  <font> 03A4  **$\mathbf{T}$**  greek capital letter tau  
 1D730  **$\mathbf{Y}$**  MATHEMATICAL BOLD ITALIC CAPITAL UPSILON  
 $\approx$  <font> 03A5  **$\mathbf{Y}$**  greek capital letter upsilon  
 1D731  **$\mathbf{\Phi}$**  MATHEMATICAL BOLD ITALIC CAPITAL PHI  
 $\approx$  <font> 03A6  **$\mathbf{\Phi}$**  greek capital letter phi  
 1D732  **$\mathbf{X}$**  MATHEMATICAL BOLD ITALIC CAPITAL CHI  
 $\approx$  <font> 03A7  **$\mathbf{X}$**  greek capital letter chi  
 1D733  **$\mathbf{\Psi}$**  MATHEMATICAL BOLD ITALIC CAPITAL PSI  
 $\approx$  <font> 03A8  **$\mathbf{\Psi}$**  greek capital letter psi  
 1D734  **$\mathbf{\Omega}$**  MATHEMATICAL BOLD ITALIC CAPITAL OMEGA  
 $\approx$  <font> 03A9  **$\mathbf{\Omega}$**  greek capital letter omega
- 1D735  **$\mathbf{\nabla}$**  MATHEMATICAL BOLD ITALIC NABLA  
 $\approx$  <font> 2207  **$\mathbf{\nabla}$**  nabla  
 1D736  **$\mathbf{\alpha}$**  MATHEMATICAL BOLD ITALIC SMALL ALPHA  
 $\approx$  <font> 03B1  **$\mathbf{\alpha}$**  greek small letter alpha  
 1D737  **$\mathbf{\beta}$**  MATHEMATICAL BOLD ITALIC SMALL BETA  
 $\approx$  <font> 03B2  **$\mathbf{\beta}$**  greek small letter beta  
 1D738  **$\mathbf{\gamma}$**  MATHEMATICAL BOLD ITALIC SMALL GAMMA  
 $\approx$  <font> 03B3  **$\mathbf{\gamma}$**  greek small letter gamma  
 1D739  **$\mathbf{\delta}$**  MATHEMATICAL BOLD ITALIC SMALL DELTA  
 $\approx$  <font> 03B4  **$\mathbf{\delta}$**  greek small letter delta  
 1D73A  **$\mathbf{\epsilon}$**  MATHEMATICAL BOLD ITALIC SMALL EPSILON  
 $\approx$  <font> 03B5  **$\mathbf{\epsilon}$**  greek small letter epsilon  
 1D73B  **$\mathbf{\zeta}$**  MATHEMATICAL BOLD ITALIC SMALL ZETA  
 $\approx$  <font> 03B6  **$\mathbf{\zeta}$**  greek small letter zeta  
 1D73C  **$\mathbf{\eta}$**  MATHEMATICAL BOLD ITALIC SMALL ETA  
 $\approx$  <font> 03B7  **$\mathbf{\eta}$**  greek small letter eta  
 1D73D  **$\mathbf{\theta}$**  MATHEMATICAL BOLD ITALIC SMALL THETA  
 $\approx$  <font> 03B8  **$\mathbf{\theta}$**  greek small letter theta  
 1D73E  **$\mathbf{\iota}$**  MATHEMATICAL BOLD ITALIC SMALL IOTA  
 $\approx$  <font> 03B9  **$\mathbf{\iota}$**  greek small letter iota  
 1D73F  **$\mathbf{\kappa}$**  MATHEMATICAL BOLD ITALIC SMALL KAPPA  
 $\approx$  <font> 03BA  **$\mathbf{\kappa}$**  greek small letter kappa  
 1D740  **$\mathbf{\lambda}$**  MATHEMATICAL BOLD ITALIC SMALL LAMDA  
 $\approx$  <font> 03BB  **$\mathbf{\lambda}$**  greek small letter lamda  
 1D741  **$\mathbf{\mu}$**  MATHEMATICAL BOLD ITALIC SMALL MU  
 $\approx$  <font> 03BC  **$\mathbf{\mu}$**  greek small letter mu  
 1D742  **$\mathbf{\nu}$**  MATHEMATICAL BOLD ITALIC SMALL NU  
 $\approx$  <font> 03BD  **$\mathbf{\nu}$**  greek small letter nu  
 1D743  **$\mathbf{\xi}$**  MATHEMATICAL BOLD ITALIC SMALL XI  
 $\approx$  <font> 03BE  **$\mathbf{\xi}$**  greek small letter xi  
 1D744  **$\mathbf{o}$**  MATHEMATICAL BOLD ITALIC SMALL OMICRON  
 $\approx$  <font> 03BF  **$\mathbf{o}$**  greek small letter omicron  
 1D745  **$\mathbf{\pi}$**  MATHEMATICAL BOLD ITALIC SMALL PI  
 $\approx$  <font> 03C0  **$\mathbf{\pi}$**  greek small letter pi  
 1D746  **$\mathbf{\rho}$**  MATHEMATICAL BOLD ITALIC SMALL RHO  
 $\approx$  <font> 03C1  **$\mathbf{\rho}$**  greek small letter rho  
 1D747  **$\mathbf{\varsigma}$**  MATHEMATICAL BOLD ITALIC SMALL FINAL SIGMA  
 $\approx$  <font> 03C2  **$\mathbf{\varsigma}$**  greek small letter final sigma  
 1D748  **$\mathbf{\sigma}$**  MATHEMATICAL BOLD ITALIC SMALL SIGMA  
 $\approx$  <font> 03C3  **$\mathbf{\sigma}$**  greek small letter sigma  
 1D749  **$\mathbf{\tau}$**  MATHEMATICAL BOLD ITALIC SMALL TAU  
 $\approx$  <font> 03C4  **$\mathbf{\tau}$**  greek small letter tau  
 1D74A  **$\mathbf{\upsilon}$**  MATHEMATICAL BOLD ITALIC SMALL UPSILON  
 $\approx$  <font> 03C5  **$\mathbf{\upsilon}$**  greek small letter upsilon  
 1D74B  **$\mathbf{\phi}$**  MATHEMATICAL BOLD ITALIC SMALL PHI  
 $\approx$  <font> 03C6  **$\mathbf{\phi}$**  greek small letter phi  
 1D74C  **$\mathbf{\chi}$**  MATHEMATICAL BOLD ITALIC SMALL CHI  
 $\approx$  <font> 03C7  **$\mathbf{\chi}$**  greek small letter chi  
 1D74D  **$\mathbf{\psi}$**  MATHEMATICAL BOLD ITALIC SMALL PSI  
 $\approx$  <font> 03C8  **$\mathbf{\psi}$**  greek small letter psi  
 1D74E  **$\mathbf{\omega}$**  MATHEMATICAL BOLD ITALIC SMALL OMEGA  
 $\approx$  <font> 03C9  **$\mathbf{\omega}$**  greek small letter omega
- Additional bold italic Greek symbols**
- 1D74F  **$\mathbf{\partial}$**  MATHEMATICAL BOLD ITALIC PARTIAL DIFFERENTIAL  
 $\approx$  <font> 2202  **$\mathbf{\partial}$**  partial differential  
 1D750  **$\mathbf{\epsilon}$**  MATHEMATICAL BOLD ITALIC EPSILON SYMBOL  
 $\approx$  <font> 03F5  **$\mathbf{\epsilon}$**  greek lunate epsilon symbol

|       |          |                                                                                    |
|-------|----------|------------------------------------------------------------------------------------|
| 1D751 | <b>θ</b> | MATHEMATICAL BOLD ITALIC THETA SYMBOL<br>≈ <font> 03D1 <b>θ</b> greek theta symbol |
| 1D752 | <b>κ</b> | MATHEMATICAL BOLD ITALIC KAPPA SYMBOL<br>≈ <font> 03F0 <b>κ</b> greek kappa symbol |
| 1D753 | <b>φ</b> | MATHEMATICAL BOLD ITALIC PHI SYMBOL<br>≈ <font> 03D5 <b>φ</b> greek phi symbol     |
| 1D754 | <b>ρ</b> | MATHEMATICAL BOLD ITALIC RHO SYMBOL<br>≈ <font> 03F1 <b>ρ</b> greek rho symbol     |
| 1D755 | <b>π</b> | MATHEMATICAL BOLD ITALIC PI SYMBOL<br>≈ <font> 03D6 <b>π</b> greek pi symbol       |

**Sans-serif bold Greek symbols**

|       |          |                                                                                                        |
|-------|----------|--------------------------------------------------------------------------------------------------------|
| 1D756 | <b>A</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL ALPHA<br>≈ <font> 0391 <b>A</b> greek capital letter alpha        |
| 1D757 | <b>B</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL BETA<br>≈ <font> 0392 <b>B</b> greek capital letter beta          |
| 1D758 | <b>Γ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL GAMMA<br>≈ <font> 0393 <b>Γ</b> greek capital letter gamma        |
| 1D759 | <b>Δ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL DELTA<br>≈ <font> 0394 <b>Δ</b> greek capital letter delta        |
| 1D75A | <b>E</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL EPSILON<br>≈ <font> 0395 <b>E</b> greek capital letter epsilon    |
| 1D75B | <b>Z</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL ZETA<br>≈ <font> 0396 <b>Z</b> greek capital letter zeta          |
| 1D75C | <b>H</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL ETA<br>≈ <font> 0397 <b>H</b> greek capital letter eta            |
| 1D75D | <b>Θ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA<br>≈ <font> 0398 <b>Θ</b> greek capital letter theta        |
| 1D75E | <b>I</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL IOTA<br>≈ <font> 0399 <b>I</b> greek capital letter iota          |
| 1D75F | <b>K</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL KAPPA<br>≈ <font> 039A <b>K</b> greek capital letter kappa        |
| 1D760 | <b>Λ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL LAMDA<br>≈ <font> 039B <b>Λ</b> greek capital letter lamda        |
| 1D761 | <b>M</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL MU<br>≈ <font> 039C <b>M</b> greek capital letter mu              |
| 1D762 | <b>N</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL NU<br>≈ <font> 039D <b>N</b> greek capital letter nu              |
| 1D763 | <b>Ξ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL XI<br>≈ <font> 039E <b>Ξ</b> greek capital letter xi              |
| 1D764 | <b>Ο</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL OMICRON<br>≈ <font> 039F <b>Ο</b> greek capital letter omicron    |
| 1D765 | <b>Π</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL PI<br>≈ <font> 03A0 <b>Π</b> greek capital letter pi              |
| 1D766 | <b>P</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL RHO<br>≈ <font> 03A1 <b>P</b> greek capital letter rho            |
| 1D767 | <b>Θ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA SYMBOL<br>≈ <font> 03F4 <b>Θ</b> greek capital theta symbol |

|       |          |                                                                                                     |
|-------|----------|-----------------------------------------------------------------------------------------------------|
| 1D768 | <b>Σ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL SIGMA<br>≈ <font> 03A3 <b>Σ</b> greek capital letter sigma     |
| 1D769 | <b>T</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL TAU<br>≈ <font> 03A4 <b>T</b> greek capital letter tau         |
| 1D76A | <b>Υ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL UPSILON<br>≈ <font> 03A5 <b>Υ</b> greek capital letter upsilon |
| 1D76B | <b>Φ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL PHI<br>≈ <font> 03A6 <b>Φ</b> greek capital letter phi         |
| 1D76C | <b>X</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL CHI<br>≈ <font> 03A7 <b>X</b> greek capital letter chi         |
| 1D76D | <b>Ψ</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL PSI<br>≈ <font> 03A8 <b>Ψ</b> greek capital letter psi         |
| 1D76E | <b>Ω</b> | MATHEMATICAL SANS-SERIF BOLD CAPITAL OMEGA<br>≈ <font> 03A9 <b>Ω</b> greek capital letter omega     |
| 1D76F | <b>∇</b> | MATHEMATICAL SANS-SERIF BOLD NABLA<br>≈ <font> 2207 <b>∇</b> nabla                                  |
| 1D770 | <b>α</b> | MATHEMATICAL SANS-SERIF BOLD SMALL ALPHA<br>≈ <font> 03B1 <b>α</b> greek small letter alpha         |
| 1D771 | <b>β</b> | MATHEMATICAL SANS-SERIF BOLD SMALL BETA<br>≈ <font> 03B2 <b>β</b> greek small letter beta           |
| 1D772 | <b>γ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL GAMMA<br>≈ <font> 03B3 <b>γ</b> greek small letter gamma         |
| 1D773 | <b>δ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL DELTA<br>≈ <font> 03B4 <b>δ</b> greek small letter delta         |
| 1D774 | <b>ε</b> | MATHEMATICAL SANS-SERIF BOLD SMALL EPSILON<br>≈ <font> 03B5 <b>ε</b> greek small letter epsilon     |
| 1D775 | <b>ζ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL ZETA<br>≈ <font> 03B6 <b>ζ</b> greek small letter zeta           |
| 1D776 | <b>η</b> | MATHEMATICAL SANS-SERIF BOLD SMALL ETA<br>≈ <font> 03B7 <b>η</b> greek small letter eta             |
| 1D777 | <b>θ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL THETA<br>≈ <font> 03B8 <b>θ</b> greek small letter theta         |
| 1D778 | <b>ι</b> | MATHEMATICAL SANS-SERIF BOLD SMALL IOTA<br>≈ <font> 03B9 <b>ι</b> greek small letter iota           |
| 1D779 | <b>κ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL KAPPA<br>≈ <font> 03BA <b>κ</b> greek small letter kappa         |
| 1D77A | <b>λ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL LAMDA<br>≈ <font> 03BB <b>λ</b> greek small letter lamda         |
| 1D77B | <b>μ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL MU<br>≈ <font> 03BC <b>μ</b> greek small letter mu               |
| 1D77C | <b>ν</b> | MATHEMATICAL SANS-SERIF BOLD SMALL NU<br>≈ <font> 03BD <b>ν</b> greek small letter nu               |
| 1D77D | <b>ξ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL XI<br>≈ <font> 03BE <b>ξ</b> greek small letter xi               |
| 1D77E | <b>ο</b> | MATHEMATICAL SANS-SERIF BOLD SMALL OMICRON<br>≈ <font> 03BF <b>ο</b> greek small letter omicron     |

|                                                 |          |                                                                                                               |
|-------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------|
| 1D77F                                           | <b>π</b> | MATHEMATICAL SANS-SERIF BOLD SMALL PI<br>≈ <font> 03C0 <b>π</b> greek small letter pi                         |
| 1D780                                           | <b>ρ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL RHO<br>≈ <font> 03C1 <b>ρ</b> greek small letter rho                       |
| 1D781                                           | <b>ς</b> | MATHEMATICAL SANS-SERIF BOLD SMALL FINAL SIGMA<br>≈ <font> 03C2 <b>ς</b> greek small letter final sigma       |
| 1D782                                           | <b>σ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL SIGMA<br>≈ <font> 03C3 <b>σ</b> greek small letter sigma                   |
| 1D783                                           | <b>τ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL TAU<br>≈ <font> 03C4 <b>τ</b> greek small letter tau                       |
| 1D784                                           | <b>υ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL UPSILON<br>≈ <font> 03C5 <b>υ</b> greek small letter upsilon               |
| 1D785                                           | <b>φ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL PHI<br>≈ <font> 03C6 <b>φ</b> greek small letter phi                       |
| 1D786                                           | <b>χ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL CHI<br>≈ <font> 03C7 <b>χ</b> greek small letter chi                       |
| 1D787                                           | <b>ψ</b> | MATHEMATICAL SANS-SERIF BOLD SMALL PSI<br>≈ <font> 03C8 <b>ψ</b> greek small letter psi                       |
| 1D788                                           | <b>ω</b> | MATHEMATICAL SANS-SERIF BOLD SMALL OMEGA<br>≈ <font> 03C9 <b>ω</b> greek small letter omega                   |
| <b>Additional sans-serif bold Greek symbols</b> |          |                                                                                                               |
| 1D789                                           | <b>∂</b> | MATHEMATICAL SANS-SERIF BOLD PARTIAL DIFFERENTIAL<br>≈ <font> 2202 <b>∂</b> partial differential              |
| 1D78A                                           | <b>ε</b> | MATHEMATICAL SANS-SERIF BOLD EPSILON SYMBOL<br>≈ <font> 03F5 <b>ε</b> greek lunate epsilon symbol             |
| 1D78B                                           | <b>θ</b> | MATHEMATICAL SANS-SERIF BOLD THETA SYMBOL<br>≈ <font> 03D1 <b>θ</b> greek theta symbol                        |
| 1D78C                                           | <b>κ</b> | MATHEMATICAL SANS-SERIF BOLD KAPPA SYMBOL<br>≈ <font> 03F0 <b>κ</b> greek kappa symbol                        |
| 1D78D                                           | <b>φ</b> | MATHEMATICAL SANS-SERIF BOLD PHI SYMBOL<br>≈ <font> 03D5 <b>φ</b> greek phi symbol                            |
| 1D78E                                           | <b>ρ</b> | MATHEMATICAL SANS-SERIF BOLD RHO SYMBOL<br>≈ <font> 03F1 <b>ρ</b> greek rho symbol                            |
| 1D78F                                           | <b>π</b> | MATHEMATICAL SANS-SERIF BOLD PI SYMBOL<br>≈ <font> 03D6 <b>π</b> greek pi symbol                              |
| <b>Sans-serif bold italic Greek symbols</b>     |          |                                                                                                               |
| 1D790                                           | <b>Α</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ALPHA<br>≈ <font> 0391 <b>Α</b> greek capital letter alpha        |
| 1D791                                           | <b>Β</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL BETA<br>≈ <font> 0392 <b>Β</b> greek capital letter beta          |
| 1D792                                           | <b>Γ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL GAMMA<br>≈ <font> 0393 <b>Γ</b> greek capital letter gamma        |
| 1D793                                           | <b>Δ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL DELTA<br>≈ <font> 0394 <b>Δ</b> greek capital letter delta        |
| 1D794                                           | <b>Ε</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL EPSILON<br>≈ <font> 0395 <b>Ε</b> greek capital letter epsilon    |
| 1D795                                           | <b>Ζ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ZETA<br>≈ <font> 0396 <b>Ζ</b> greek capital letter zeta          |
| 1D796                                           | <b>Η</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ETA<br>≈ <font> 0397 <b>Η</b> greek capital letter eta            |
| 1D797                                           | <b>Θ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA<br>≈ <font> 0398 <b>Θ</b> greek capital letter theta        |
| 1D798                                           | <b>Ι</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL IOTA<br>≈ <font> 0399 <b>Ι</b> greek capital letter iota          |
| 1D799                                           | <b>Κ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL KAPPA<br>≈ <font> 039A <b>Κ</b> greek capital letter kappa        |
| 1D79A                                           | <b>Λ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL LAMDA<br>≈ <font> 039B <b>Λ</b> greek capital letter lamda        |
| 1D79B                                           | <b>Μ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL MU<br>≈ <font> 039C <b>Μ</b> greek capital letter mu              |
| 1D79C                                           | <b>Ν</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL NU<br>≈ <font> 039D <b>Ν</b> greek capital letter nu              |
| 1D79D                                           | <b>Ξ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL XI<br>≈ <font> 039E <b>Ξ</b> greek capital letter xi              |
| 1D79E                                           | <b>Ο</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMICRON<br>≈ <font> 039F <b>Ο</b> greek capital letter omicron    |
| 1D79F                                           | <b>Π</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PI<br>≈ <font> 03A0 <b>Π</b> greek capital letter pi              |
| 1D7A0                                           | <b>Ρ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL RHO<br>≈ <font> 03A1 <b>Ρ</b> greek capital letter rho            |
| 1D7A1                                           | <b>Θ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA SYMBOL<br>≈ <font> 03F4 <b>Θ</b> greek capital theta symbol |
| 1D7A2                                           | <b>Σ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL SIGMA<br>≈ <font> 03A3 <b>Σ</b> greek capital letter sigma        |
| 1D7A3                                           | <b>Τ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL TAU<br>≈ <font> 03A4 <b>Τ</b> greek capital letter tau            |
| 1D7A4                                           | <b>Υ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL UPSILON<br>≈ <font> 03A5 <b>Υ</b> greek capital letter upsilon    |
| 1D7A5                                           | <b>Φ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PHI<br>≈ <font> 03A6 <b>Φ</b> greek capital letter phi            |
| 1D7A6                                           | <b>Χ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL CHI<br>≈ <font> 03A7 <b>Χ</b> greek capital letter chi            |
| 1D7A7                                           | <b>Ψ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PSI<br>≈ <font> 03A8 <b>Ψ</b> greek capital letter psi            |
| 1D7A8                                           | <b>Ω</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMEGA<br>≈ <font> 03A9 <b>Ω</b> greek capital letter omega        |
| 1D7A9                                           | <b>∇</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC NABLA<br>≈ <font> 2207 <b>∇</b> nabla                                     |



## 1D7AA

## Mathematical Alphanumeric Symbols

## 1D7D7

|       |          |                                                                                                         |
|-------|----------|---------------------------------------------------------------------------------------------------------|
| 1D7AA | <b>α</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ALPHA<br>≈ <font> 03B1 α greek small letter alpha             |
| 1D7AB | <b>β</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL BETA<br>≈ <font> 03B2 β greek small letter beta               |
| 1D7AC | <b>γ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL GAMMA<br>≈ <font> 03B3 γ greek small letter gamma             |
| 1D7AD | <b>δ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL DELTA<br>≈ <font> 03B4 δ greek small letter delta             |
| 1D7AE | <b>ε</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL EPSILON<br>≈ <font> 03B5 ε greek small letter epsilon         |
| 1D7AF | <b>ζ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ZETA<br>≈ <font> 03B6 ζ greek small letter zeta               |
| 1D7B0 | <b>η</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ETA<br>≈ <font> 03B7 η greek small letter eta                 |
| 1D7B1 | <b>θ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL THETA<br>≈ <font> 03B8 θ greek small letter theta             |
| 1D7B2 | <b>ι</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL IOTA<br>≈ <font> 03B9 ι greek small letter iota               |
| 1D7B3 | <b>κ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL KAPPA<br>≈ <font> 03BA κ greek small letter kappa             |
| 1D7B4 | <b>λ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL LAMDA<br>≈ <font> 03BB λ greek small letter lamda             |
| 1D7B5 | <b>μ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL MU<br>≈ <font> 03BC μ greek small letter mu                   |
| 1D7B6 | <b>ν</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL NU<br>≈ <font> 03BD ν greek small letter nu                   |
| 1D7B7 | <b>ξ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL XI<br>≈ <font> 03BE ξ greek small letter xi                   |
| 1D7B8 | <b>ο</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMICRON<br>≈ <font> 03BF ο greek small letter omicron         |
| 1D7B9 | <b>π</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PI<br>≈ <font> 03C0 π greek small letter pi                   |
| 1D7BA | <b>ρ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL RHO<br>≈ <font> 03C1 ρ greek small letter rho                 |
| 1D7BB | <b>ς</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL FINAL SIGMA<br>≈ <font> 03C2 ς greek small letter final sigma |
| 1D7BC | <b>σ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL SIGMA<br>≈ <font> 03C3 σ greek small letter sigma             |
| 1D7BD | <b>τ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL TAU<br>≈ <font> 03C4 τ greek small letter tau                 |
| 1D7BE | <b>υ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL UPSILON<br>≈ <font> 03C5 υ greek small letter upsilon         |

|       |          |                                                                                             |
|-------|----------|---------------------------------------------------------------------------------------------|
| 1D7BF | <b>φ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PHI<br>≈ <font> 03C6 φ greek small letter phi     |
| 1D7C0 | <b>χ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL CHI<br>≈ <font> 03C7 χ greek small letter chi     |
| 1D7C1 | <b>ψ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PSI<br>≈ <font> 03C8 ψ greek small letter psi     |
| 1D7C2 | <b>ω</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMEGA<br>≈ <font> 03C9 ω greek small letter omega |

**Additional sans-serif bold italic Greek symbols**

|       |          |                                                                                                   |
|-------|----------|---------------------------------------------------------------------------------------------------|
| 1D7C3 | <b>∂</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC PARTIAL DIFFERENTIAL<br>≈ <font> 2202 ∂ partial differential  |
| 1D7C4 | <b>ε</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC EPSILON SYMBOL<br>≈ <font> 03F5 ε greek lunate epsilon symbol |
| 1D7C5 | <b>θ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC THETA SYMBOL<br>≈ <font> 03D1 θ greek theta symbol            |
| 1D7C6 | <b>κ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC KAPPA SYMBOL<br>≈ <font> 03F0 κ greek kappa symbol            |
| 1D7C7 | <b>φ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC PHI SYMBOL<br>≈ <font> 03D5 φ greek phi symbol                |
| 1D7C8 | <b>ρ</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC RHO SYMBOL<br>≈ <font> 03F1 ρ greek rho symbol                |
| 1D7C9 | <b>π</b> | MATHEMATICAL SANS-SERIF BOLD ITALIC PI SYMBOL<br>≈ <font> 03D6 π greek pi symbol                  |

**Additional bold Greek symbols**

|       |          |                                                                               |
|-------|----------|-------------------------------------------------------------------------------|
| 1D7CA | <b>Γ</b> | MATHEMATICAL BOLD CAPITAL DIGAMMA<br>≈ <font> 03DC Γ greek letter digamma     |
| 1D7CB | <b>ϝ</b> | MATHEMATICAL BOLD SMALL DIGAMMA<br>≈ <font> 03DD ϝ greek small letter digamma |

**Bold digits**

|       |          |                                                              |
|-------|----------|--------------------------------------------------------------|
| 1D7CE | <b>0</b> | MATHEMATICAL BOLD DIGIT ZERO<br>≈ <font> 0030 0 digit zero   |
| 1D7CF | <b>1</b> | MATHEMATICAL BOLD DIGIT ONE<br>≈ <font> 0031 1 digit one     |
| 1D7D0 | <b>2</b> | MATHEMATICAL BOLD DIGIT TWO<br>≈ <font> 0032 2 digit two     |
| 1D7D1 | <b>3</b> | MATHEMATICAL BOLD DIGIT THREE<br>≈ <font> 0033 3 digit three |
| 1D7D2 | <b>4</b> | MATHEMATICAL BOLD DIGIT FOUR<br>≈ <font> 0034 4 digit four   |
| 1D7D3 | <b>5</b> | MATHEMATICAL BOLD DIGIT FIVE<br>≈ <font> 0035 5 digit five   |
| 1D7D4 | <b>6</b> | MATHEMATICAL BOLD DIGIT SIX<br>≈ <font> 0036 6 digit six     |
| 1D7D5 | <b>7</b> | MATHEMATICAL BOLD DIGIT SEVEN<br>≈ <font> 0037 7 digit seven |
| 1D7D6 | <b>8</b> | MATHEMATICAL BOLD DIGIT EIGHT<br>≈ <font> 0038 8 digit eight |
| 1D7D7 | <b>9</b> | MATHEMATICAL BOLD DIGIT NINE<br>≈ <font> 0039 9 digit nine   |

**Double-struck digits**

|       |   |                                        |
|-------|---|----------------------------------------|
| 1D7D8 | 0 | MATHEMATICAL DOUBLE-STRUCK DIGIT ZERO  |
|       |   | ≈ <font> 0030 0 digit zero             |
| 1D7D9 | 1 | MATHEMATICAL DOUBLE-STRUCK DIGIT ONE   |
|       |   | ≈ <font> 0031 1 digit one              |
| 1D7DA | 2 | MATHEMATICAL DOUBLE-STRUCK DIGIT TWO   |
|       |   | ≈ <font> 0032 2 digit two              |
| 1D7DB | 3 | MATHEMATICAL DOUBLE-STRUCK DIGIT THREE |
|       |   | ≈ <font> 0033 3 digit three            |
| 1D7DC | 4 | MATHEMATICAL DOUBLE-STRUCK DIGIT FOUR  |
|       |   | ≈ <font> 0034 4 digit four             |
| 1D7DD | 5 | MATHEMATICAL DOUBLE-STRUCK DIGIT FIVE  |
|       |   | ≈ <font> 0035 5 digit five             |
| 1D7DE | 6 | MATHEMATICAL DOUBLE-STRUCK DIGIT SIX   |
|       |   | ≈ <font> 0036 6 digit six              |
| 1D7DF | 7 | MATHEMATICAL DOUBLE-STRUCK DIGIT SEVEN |
|       |   | ≈ <font> 0037 7 digit seven            |
| 1D7E0 | 8 | MATHEMATICAL DOUBLE-STRUCK DIGIT EIGHT |
|       |   | ≈ <font> 0038 8 digit eight            |
| 1D7E1 | 9 | MATHEMATICAL DOUBLE-STRUCK DIGIT NINE  |
|       |   | ≈ <font> 0039 9 digit nine             |

**Sans-serif digits**

|       |   |                                     |
|-------|---|-------------------------------------|
| 1D7E2 | 0 | MATHEMATICAL SANS-SERIF DIGIT ZERO  |
|       |   | ≈ <font> 0030 0 digit zero          |
| 1D7E3 | 1 | MATHEMATICAL SANS-SERIF DIGIT ONE   |
|       |   | ≈ <font> 0031 1 digit one           |
| 1D7E4 | 2 | MATHEMATICAL SANS-SERIF DIGIT TWO   |
|       |   | ≈ <font> 0032 2 digit two           |
| 1D7E5 | 3 | MATHEMATICAL SANS-SERIF DIGIT THREE |
|       |   | ≈ <font> 0033 3 digit three         |
| 1D7E6 | 4 | MATHEMATICAL SANS-SERIF DIGIT FOUR  |
|       |   | ≈ <font> 0034 4 digit four          |
| 1D7E7 | 5 | MATHEMATICAL SANS-SERIF DIGIT FIVE  |
|       |   | ≈ <font> 0035 5 digit five          |
| 1D7E8 | 6 | MATHEMATICAL SANS-SERIF DIGIT SIX   |
|       |   | ≈ <font> 0036 6 digit six           |
| 1D7E9 | 7 | MATHEMATICAL SANS-SERIF DIGIT SEVEN |
|       |   | ≈ <font> 0037 7 digit seven         |
| 1D7EA | 8 | MATHEMATICAL SANS-SERIF DIGIT EIGHT |
|       |   | ≈ <font> 0038 8 digit eight         |
| 1D7EB | 9 | MATHEMATICAL SANS-SERIF DIGIT NINE  |
|       |   | ≈ <font> 0039 9 digit nine          |

**Sans-serif bold digits**

|       |   |                                          |
|-------|---|------------------------------------------|
| 1D7EC | 0 | MATHEMATICAL SANS-SERIF BOLD DIGIT ZERO  |
|       |   | ≈ <font> 0030 0 digit zero               |
| 1D7ED | 1 | MATHEMATICAL SANS-SERIF BOLD DIGIT ONE   |
|       |   | ≈ <font> 0031 1 digit one                |
| 1D7EE | 2 | MATHEMATICAL SANS-SERIF BOLD DIGIT TWO   |
|       |   | ≈ <font> 0032 2 digit two                |
| 1D7EF | 3 | MATHEMATICAL SANS-SERIF BOLD DIGIT THREE |
|       |   | ≈ <font> 0033 3 digit three              |
| 1D7F0 | 4 | MATHEMATICAL SANS-SERIF BOLD DIGIT FOUR  |
|       |   | ≈ <font> 0034 4 digit four               |
| 1D7F1 | 5 | MATHEMATICAL SANS-SERIF BOLD DIGIT FIVE  |
|       |   | ≈ <font> 0035 5 digit five               |
| 1D7F2 | 6 | MATHEMATICAL SANS-SERIF BOLD DIGIT SIX   |
|       |   | ≈ <font> 0036 6 digit six                |
| 1D7F3 | 7 | MATHEMATICAL SANS-SERIF BOLD DIGIT SEVEN |
|       |   | ≈ <font> 0037 7 digit seven              |

1D7F4 8 MATHEMATICAL SANS-SERIF BOLD DIGIT EIGHT

≈ <font> 0038 8 digit eight

1D7F5 9 MATHEMATICAL SANS-SERIF BOLD DIGIT NINE

≈ <font> 0039 9 digit nine

**Monospace digits**

|       |   |                                    |
|-------|---|------------------------------------|
| 1D7F6 | 0 | MATHEMATICAL MONOSPACE DIGIT ZERO  |
|       |   | ≈ <font> 0030 0 digit zero         |
| 1D7F7 | 1 | MATHEMATICAL MONOSPACE DIGIT ONE   |
|       |   | ≈ <font> 0031 1 digit one          |
| 1D7F8 | 2 | MATHEMATICAL MONOSPACE DIGIT TWO   |
|       |   | ≈ <font> 0032 2 digit two          |
| 1D7F9 | 3 | MATHEMATICAL MONOSPACE DIGIT THREE |
|       |   | ≈ <font> 0033 3 digit three        |
| 1D7FA | 4 | MATHEMATICAL MONOSPACE DIGIT FOUR  |
|       |   | ≈ <font> 0034 4 digit four         |
| 1D7FB | 5 | MATHEMATICAL MONOSPACE DIGIT FIVE  |
|       |   | ≈ <font> 0035 5 digit five         |
| 1D7FC | 6 | MATHEMATICAL MONOSPACE DIGIT SIX   |
|       |   | ≈ <font> 0036 6 digit six          |
| 1D7FD | 7 | MATHEMATICAL MONOSPACE DIGIT SEVEN |
|       |   | ≈ <font> 0037 7 digit seven        |
| 1D7FE | 8 | MATHEMATICAL MONOSPACE DIGIT EIGHT |
|       |   | ≈ <font> 0038 8 digit eight        |
| 1D7FF | 9 | MATHEMATICAL MONOSPACE DIGIT NINE  |
|       |   | ≈ <font> 0039 9 digit nine         |

| Standardized Variation Sequences |                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D49C                            | <p> MATHEMATICAL SCRIPT CAPITAL A</p> <p>1D49C</p> <p> chancery style</p> <p>1D49C FE00</p> <p> roundhand style</p> <p>1D49C FE01</p>       |
| 1D49E                            | <p> MATHEMATICAL SCRIPT CAPITAL C</p> <p>1D49E</p> <p> chancery style</p> <p>1D49E FE00</p> <p> roundhand style</p> <p>1D49E FE01</p>       |
| 1D49F                            | <p> MATHEMATICAL SCRIPT CAPITAL D</p> <p>1D49F</p> <p> chancery style</p> <p>1D49F FE00</p> <p> roundhand style</p> <p>1D49F FE01</p>    |
| 1D4A2                            | <p> MATHEMATICAL SCRIPT CAPITAL G</p> <p>1D4A2</p> <p> chancery style</p> <p>1D4A2 FE00</p> <p> roundhand style</p> <p>1D4A2 FE01</p> |
| 1D4A5                            | <p> MATHEMATICAL SCRIPT CAPITAL J</p> <p>1D4A5</p> <p> chancery style</p> <p>1D4A5 FE00</p> <p> roundhand style</p> <p>1D4A5 FE01</p> |
| 1D4A6                            | <p> MATHEMATICAL SCRIPT CAPITAL K</p> <p>1D4A6</p> <p> chancery style</p> <p>1D4A6 FE00</p> <p> roundhand style</p> <p>1D4A6 FE01</p> |
| 1D4A9                            | <p> MATHEMATICAL SCRIPT CAPITAL N</p> <p>1D4A9</p> <p> chancery style</p> <p>1D4A9 FE00</p> <p> roundhand style</p> <p>1D4A9 FE01</p>       |
| 1D4AA                            | <p> MATHEMATICAL SCRIPT CAPITAL O</p> <p>1D4AA</p> <p> chancery style</p> <p>1D4AA FE00</p> <p> roundhand style</p> <p>1D4AA FE01</p>       |
| 1D4AB                            | <p> MATHEMATICAL SCRIPT CAPITAL P</p> <p>1D4AB</p> <p> chancery style</p> <p>1D4AB FE00</p> <p> roundhand style</p> <p>1D4AB FE01</p>     |
| 1D4AC                            | <p> MATHEMATICAL SCRIPT CAPITAL Q</p> <p>1D4AC</p> <p> chancery style</p> <p>1D4AC FE00</p> <p> roundhand style</p> <p>1D4AC FE01</p> |
| 1D4AE                            | <p> MATHEMATICAL SCRIPT CAPITAL S</p> <p>1D4AE</p> <p> chancery style</p> <p>1D4AE FE00</p> <p> roundhand style</p> <p>1D4AE FE01</p> |
| 1D4AF                            | <p> MATHEMATICAL SCRIPT CAPITAL T</p> <p>1D4AF</p> <p> chancery style</p> <p>1D4AF FE00</p> <p> roundhand style</p> <p>1D4AF FE01</p> |



|            |                                                                                     |                               |
|------------|-------------------------------------------------------------------------------------|-------------------------------|
| 1D4B0      |    | MATHEMATICAL SCRIPT CAPITAL U |
| 1D4B0      |    | chancery style                |
| 1D4B0 FE00 |    | roundhand style               |
| 1D4B0 FE01 |                                                                                     |                               |
| 1D4B1      |    | MATHEMATICAL SCRIPT CAPITAL V |
| 1D4B1      |    | chancery style                |
| 1D4B1 FE00 |    | roundhand style               |
| 1D4B1 FE01 |                                                                                     |                               |
| 1D4B2      |    | MATHEMATICAL SCRIPT CAPITAL W |
| 1D4B2      |    | chancery style                |
| 1D4B2 FE00 |  | roundhand style               |
| 1D4B2 FE01 |                                                                                     |                               |
| 1D4B3      |  | MATHEMATICAL SCRIPT CAPITAL X |
| 1D4B3      |  | chancery style                |
| 1D4B3 FE00 |  | roundhand style               |
| 1D4B3 FE01 |                                                                                     |                               |
| 1D4B4      |  | MATHEMATICAL SCRIPT CAPITAL Y |
| 1D4B4      |  | chancery style                |
| 1D4B4 FE00 |  | roundhand style               |
| 1D4B4 FE01 |                                                                                     |                               |
| 1D4B5      |  | MATHEMATICAL SCRIPT CAPITAL Z |
| 1D4B5      |  | chancery style                |
| 1D4B5 FE00 |  | roundhand style               |
| 1D4B5 FE01 |                                                                                     |                               |

|   | 1DF0 | 1DF1 | 1DF2 | 1DF3 | 1DF4 | 1DF5 | 1DF6 | 1DF7 | 1DF8 | 1DF9 | 1DFA | 1DFB | 1DFC | 1DFD | 1DFE | 1DFF |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1 | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2 | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 3 | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 4 | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5 | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6 | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7 | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8 | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9 | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A | ſ    | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| B | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| D | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| E | ſ    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| F | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

**Extended IPA for disordered speech**

|       |    |                                             |
|-------|----|---------------------------------------------|
| 1DF00 | ɸ̥ | LATIN SMALL LETTER FENG DIGRAPH WITH TRILL  |
| 1DF01 | ɸ̥ | LATIN SMALL LETTER REVERSED SCRIPT G        |
| 1DF02 | ɸ̥ | LATIN LETTER SMALL CAPITAL TURNED G         |
| 1DF03 | ɸ̥ | LATIN SMALL LETTER REVERSED K               |
| 1DF04 | ɸ̥ | LATIN LETTER SMALL CAPITAL L WITH BELT      |
| 1DF05 | ɸ̥ | LATIN SMALL LETTER LEZH WITH RETROFLEX HOOK |
| 1DF06 | ɸ̥ | LATIN SMALL LETTER TURNED Y WITH BELT       |
| 1DF07 | ɸ̥ | LATIN SMALL LETTER REVERSED ENG             |

**IPA extensions**

|       |    |                                                              |
|-------|----|--------------------------------------------------------------|
| 1DF08 | ɸ̥ | LATIN SMALL LETTER TURNED R WITH LONG LEG AND RETROFLEX HOOK |
| 1DF09 | ɸ̥ | LATIN SMALL LETTER T WITH HOOK AND RETROFLEX HOOK            |
| 1DF0A | ɸ̥ | LATIN LETTER RETROFLEX CLICK WITH RETROFLEX HOOK             |

**Clicks**

|       |    |                                                 |
|-------|----|-------------------------------------------------|
| 1DF0B | ɸ̥ | LATIN SMALL LETTER ESH WITH DOUBLE BAR          |
| 1DF0C | ɸ̥ | LATIN SMALL LETTER ESH WITH DOUBLE BAR AND CURL |
| 1DF0D | ɸ̥ | LATIN SMALL LETTER TURNED T WITH CURL           |
| 1DF0E | ɸ̥ | LATIN LETTER INVERTED GLOTTAL STOP WITH CURL    |
| 1DF0F | ɸ̥ | LATIN LETTER STRETCHED C WITH CURL              |
| 1DF10 | ɸ̥ | LATIN LETTER SMALL CAPITAL TURNED K             |

**Lateral**

|       |    |                                    |
|-------|----|------------------------------------|
| 1DF11 | ɸ̥ | LATIN SMALL LETTER L WITH FISHHOOK |
|-------|----|------------------------------------|

**Letters with palatal hooks**

|       |    |                                                     |
|-------|----|-----------------------------------------------------|
| 1DF12 | ɸ̥ | LATIN SMALL LETTER DEZH DIGRAPH WITH PALATAL HOOK   |
| 1DF13 | ɸ̥ | LATIN SMALL LETTER L WITH BELT AND PALATAL HOOK     |
| 1DF14 | ɸ̥ | LATIN SMALL LETTER ENG WITH PALATAL HOOK            |
| 1DF15 | ɸ̥ | LATIN SMALL LETTER TURNED R WITH PALATAL HOOK       |
| 1DF16 | ɸ̥ | LATIN SMALL LETTER R WITH FISHHOOK AND PALATAL HOOK |
| 1DF17 | ɸ̥ | LATIN SMALL LETTER TESH DIGRAPH WITH PALATAL HOOK   |
| 1DF18 | ɸ̥ | LATIN SMALL LETTER EZH WITH PALATAL HOOK            |

**Letters with retroflex hooks**

|       |    |                                                     |
|-------|----|-----------------------------------------------------|
| 1DF19 | ɸ̥ | LATIN SMALL LETTER DEZH DIGRAPH WITH RETROFLEX HOOK |
| 1DF1A | ɸ̥ | LATIN SMALL LETTER I WITH STROKE AND RETROFLEX HOOK |
| 1DF1B | ɸ̥ | LATIN SMALL LETTER O WITH RETROFLEX HOOK            |
| 1DF1C | ɸ̥ | LATIN SMALL LETTER TESH DIGRAPH WITH RETROFLEX HOOK |
| 1DF1D | ɸ̥ | LATIN SMALL LETTER C WITH RETROFLEX HOOK            |

**IPA extension**

|       |    |                                |
|-------|----|--------------------------------|
| 1DF1E | ɸ̥ | LATIN SMALL LETTER S WITH CURL |
|-------|----|--------------------------------|

**Letters for Malayalam transliteration**

|       |    |                                                |
|-------|----|------------------------------------------------|
| 1DF25 | ɸ̥ | LATIN SMALL LETTER D WITH MID-HEIGHT LEFT HOOK |
|-------|----|------------------------------------------------|

|       |    |                                                |
|-------|----|------------------------------------------------|
| 1DF26 | ɸ̥ | LATIN SMALL LETTER L WITH MID-HEIGHT LEFT HOOK |
| 1DF27 | ɸ̥ | LATIN SMALL LETTER N WITH MID-HEIGHT LEFT HOOK |
| 1DF28 | ɸ̥ | LATIN SMALL LETTER R WITH MID-HEIGHT LEFT HOOK |
| 1DF29 | ɸ̥ | LATIN SMALL LETTER S WITH MID-HEIGHT LEFT HOOK |
| 1DF2A | ɸ̥ | LATIN SMALL LETTER T WITH MID-HEIGHT LEFT HOOK |

|   | 1E03       | 1E04        | 1E05       | 1E06       | 1E07 | 1E08       |
|---|------------|-------------|------------|------------|------|------------|
| 0 | а<br>1E030 | т<br>1E040  | І<br>1E050 | Ѡ<br>1E060 |      |            |
| 1 | б<br>1E031 | у<br>1E041  | а<br>1E051 | х<br>1E061 |      |            |
| 2 | в<br>1E032 | Ѳ<br>1E042  | б<br>1E052 | Ѵ<br>1E062 |      |            |
| 3 | г<br>1E033 | х<br>1E043  | в<br>1E053 | Ѷ<br>1E063 |      |            |
| 4 | д<br>1E034 | Ѵ<br>1E044  | г<br>1E054 | Ѹ<br>1E064 |      |            |
| 5 | е<br>1E035 | Ѷ<br>1E045  | д<br>1E055 | Ѻ<br>1E065 |      |            |
| 6 | ж<br>1E036 | Ѹ<br>1E046  | е<br>1E056 | Ы<br>1E066 |      |            |
| 7 | з<br>1E037 | Ы<br>1E047  | ж<br>1E057 | Г<br>1E067 |      |            |
| 8 | и<br>1E038 | э<br>1E048  | з<br>1E058 | і<br>1E068 |      |            |
| 9 | к<br>1E039 | Ю<br>1E049  | и<br>1E059 | ѕ<br>1E069 |      |            |
| A | л<br>1E03A | Дз<br>1E04A | к<br>1E05A | Ѵ<br>1E06A |      |            |
| B | м<br>1E03B | ə<br>1E04B  | л<br>1E05B | Ѷ<br>1E06B |      |            |
| C | о<br>1E03C | і<br>1E04C  | о<br>1E05C | Ы<br>1E06C |      |            |
| D | п<br>1E03D | ј<br>1E04D  | п<br>1E05D | Ў<br>1E06D |      |            |
| E | р<br>1E03E | ө<br>1E04E  | с<br>1E05E |            |      |            |
| F | с<br>1E03F | Ү<br>1E04F  | у<br>1E05F |            |      | і<br>1E08F |

These are phonetic extensions, used in a manner analogous to IPA. Additional Cyrillic modifier letters are found in other blocks.

- 1D78 <sup>h</sup> modifier letter cyrillic en
- A69C <sup>h</sup> modifier letter cyrillic hard sign
- A69D <sup>h</sup> modifier letter cyrillic soft sign

#### Superscript modifier letters

|       |              |                                                         |
|-------|--------------|---------------------------------------------------------|
| 1E030 | <sup>a</sup> | MODIFIER LETTER CYRILLIC SMALL A<br>≈ <super> 0430 а    |
| 1E031 | <sup>б</sup> | MODIFIER LETTER CYRILLIC SMALL BE<br>≈ <super> 0431 б   |
| 1E032 | <sup>в</sup> | MODIFIER LETTER CYRILLIC SMALL VE<br>≈ <super> 0432 в   |
| 1E033 | <sup>г</sup> | MODIFIER LETTER CYRILLIC SMALL GHE<br>≈ <super> 0433 г  |
| 1E034 | <sup>д</sup> | MODIFIER LETTER CYRILLIC SMALL DE<br>≈ <super> 0434 д   |
| 1E035 | <sup>е</sup> | MODIFIER LETTER CYRILLIC SMALL IE<br>≈ <super> 0435 е   |
| 1E036 | <sup>ж</sup> | MODIFIER LETTER CYRILLIC SMALL ZHE<br>≈ <super> 0436 ж  |
| 1E037 | <sup>з</sup> | MODIFIER LETTER CYRILLIC SMALL ZE<br>≈ <super> 0437 з   |
| 1E038 | <sup>и</sup> | MODIFIER LETTER CYRILLIC SMALL I<br>≈ <super> 0438 и    |
| 1E039 | <sup>к</sup> | MODIFIER LETTER CYRILLIC SMALL KA<br>≈ <super> 043A к   |
| 1E03A | <sup>л</sup> | MODIFIER LETTER CYRILLIC SMALL EL<br>≈ <super> 043B л   |
| 1E03B | <sup>м</sup> | MODIFIER LETTER CYRILLIC SMALL EM<br>≈ <super> 043C м   |
| 1E03C | <sup>о</sup> | MODIFIER LETTER CYRILLIC SMALL O<br>≈ <super> 043E о    |
| 1E03D | <sup>п</sup> | MODIFIER LETTER CYRILLIC SMALL PE<br>≈ <super> 043F п   |
| 1E03E | <sup>р</sup> | MODIFIER LETTER CYRILLIC SMALL ER<br>≈ <super> 0440 р   |
| 1E03F | <sup>с</sup> | MODIFIER LETTER CYRILLIC SMALL ES<br>≈ <super> 0441 с   |
| 1E040 | <sup>т</sup> | MODIFIER LETTER CYRILLIC SMALL TE<br>≈ <super> 0442 т   |
| 1E041 | <sup>у</sup> | MODIFIER LETTER CYRILLIC SMALL U<br>≈ <super> 0443 у    |
| 1E042 | <sup>ф</sup> | MODIFIER LETTER CYRILLIC SMALL EF<br>≈ <super> 0444 ф   |
| 1E043 | <sup>х</sup> | MODIFIER LETTER CYRILLIC SMALL HA<br>≈ <super> 0445 х   |
| 1E044 | <sup>ц</sup> | MODIFIER LETTER CYRILLIC SMALL TSE<br>≈ <super> 0446 ц  |
| 1E045 | <sup>ч</sup> | MODIFIER LETTER CYRILLIC SMALL CHE<br>≈ <super> 0447 ч  |
| 1E046 | <sup>ш</sup> | MODIFIER LETTER CYRILLIC SMALL SHA<br>≈ <super> 0448 ш  |
| 1E047 | <sup>ь</sup> | MODIFIER LETTER CYRILLIC SMALL YERU<br>≈ <super> 044B ь |
| 1E048 | <sup>э</sup> | MODIFIER LETTER CYRILLIC SMALL E<br>≈ <super> 044D э    |
| 1E049 | <sup>ю</sup> | MODIFIER LETTER CYRILLIC SMALL YU<br>≈ <super> 044E ю   |
| 1E04A | <sup>џ</sup> | MODIFIER LETTER CYRILLIC SMALL DZZE<br>≈ <super> A689 џ |

|       |              |                                                                             |
|-------|--------------|-----------------------------------------------------------------------------|
| 1E04B | <sup>Ѡ</sup> | MODIFIER LETTER CYRILLIC SMALL SCHWA<br>≈ <super> 04D9 Ѡ                    |
| 1E04C | <sup>и</sup> | MODIFIER LETTER CYRILLIC SMALL BYELORUSSIAN-UKRAINIAN I<br>≈ <super> 0456 и |
| 1E04D | <sup>ј</sup> | MODIFIER LETTER CYRILLIC SMALL JE<br>≈ <super> 0458 ј                       |
| 1E04E | <sup>Ѧ</sup> | MODIFIER LETTER CYRILLIC SMALL BARRED O<br>≈ <super> 04E9 Ѧ                 |
| 1E04F | <sup>Ѹ</sup> | MODIFIER LETTER CYRILLIC SMALL STRAIGHT U<br>≈ <super> 04AF Ѹ               |
| 1E050 | <sup>Ѳ</sup> | MODIFIER LETTER CYRILLIC SMALL PALOCHKA<br>≈ <super> 04CF Ѳ                 |

#### Subscript modifier letters

|       |              |                                                                   |
|-------|--------------|-------------------------------------------------------------------|
| 1E051 | <sub>a</sub> | CYRILLIC SUBSCRIPT SMALL LETTER A<br>≈ <sub> 0430 а               |
| 1E052 | <sub>б</sub> | CYRILLIC SUBSCRIPT SMALL LETTER BE<br>≈ <sub> 0431 б              |
| 1E053 | <sub>в</sub> | CYRILLIC SUBSCRIPT SMALL LETTER VE<br>≈ <sub> 0432 в              |
| 1E054 | <sub>г</sub> | CYRILLIC SUBSCRIPT SMALL LETTER GHE<br>≈ <sub> 0433 г             |
| 1E055 | <sub>д</sub> | CYRILLIC SUBSCRIPT SMALL LETTER DE<br>≈ <sub> 0434 д              |
| 1E056 | <sub>е</sub> | CYRILLIC SUBSCRIPT SMALL LETTER IE<br>≈ <sub> 0435 е              |
| 1E057 | <sub>ж</sub> | CYRILLIC SUBSCRIPT SMALL LETTER ZHE<br>≈ <sub> 0436 ж             |
| 1E058 | <sub>з</sub> | CYRILLIC SUBSCRIPT SMALL LETTER ZE<br>≈ <sub> 0437 з              |
| 1E059 | <sub>и</sub> | CYRILLIC SUBSCRIPT SMALL LETTER I<br>≈ <sub> 0438 и               |
| 1E05A | <sub>к</sub> | CYRILLIC SUBSCRIPT SMALL LETTER KA<br>≈ <sub> 043A к              |
| 1E05B | <sub>л</sub> | CYRILLIC SUBSCRIPT SMALL LETTER EL<br>≈ <sub> 043B л              |
| 1E05C | <sub>о</sub> | CYRILLIC SUBSCRIPT SMALL LETTER O<br>≈ <sub> 043E о               |
| 1E05D | <sub>п</sub> | CYRILLIC SUBSCRIPT SMALL LETTER PE<br>≈ <sub> 043F п              |
| 1E05E | <sub>с</sub> | CYRILLIC SUBSCRIPT SMALL LETTER ES<br>≈ <sub> 0441 с              |
| 1E05F | <sub>у</sub> | CYRILLIC SUBSCRIPT SMALL LETTER U<br>≈ <sub> 0443 у               |
| 1E060 | <sub>ф</sub> | CYRILLIC SUBSCRIPT SMALL LETTER EF<br>≈ <sub> 0444 ф              |
| 1E061 | <sub>х</sub> | CYRILLIC SUBSCRIPT SMALL LETTER HA<br>≈ <sub> 0445 х              |
| 1E062 | <sub>ц</sub> | CYRILLIC SUBSCRIPT SMALL LETTER TSE<br>≈ <sub> 0446 ц             |
| 1E063 | <sub>ч</sub> | CYRILLIC SUBSCRIPT SMALL LETTER CHE<br>≈ <sub> 0447 ч             |
| 1E064 | <sub>ш</sub> | CYRILLIC SUBSCRIPT SMALL LETTER SHA<br>≈ <sub> 0448 ш             |
| 1E065 | <sub>ь</sub> | CYRILLIC SUBSCRIPT SMALL LETTER HARD SIGN<br>≈ <sub> 044A ь       |
| 1E066 | <sub>ѡ</sub> | CYRILLIC SUBSCRIPT SMALL LETTER YERU<br>≈ <sub> 044B ѡ            |
| 1E067 | <sub>ѣ</sub> | CYRILLIC SUBSCRIPT SMALL LETTER GHE WITH UPTURN<br>≈ <sub> 0491 ѣ |

|       |   |                                                                               |
|-------|---|-------------------------------------------------------------------------------|
| 1E068 | і | CYRILLIC SUBSCRIPT SMALL LETTER<br>BYELORUSSIAN-UKRAINIAN I<br>≈ <sub> 0456 і |
| 1E069 | ѕ | CYRILLIC SUBSCRIPT SMALL LETTER DZE<br>≈ <sub> 0455 ѕ                         |
| 1E06A | ѣ | CYRILLIC SUBSCRIPT SMALL LETTER DZHE<br>≈ <sub> 045F ѣ                        |

**Superscript modifier letters**

|       |   |                                                                              |
|-------|---|------------------------------------------------------------------------------|
| 1E06B | ѣ | MODIFIER LETTER CYRILLIC SMALL ES WITH<br>DESCENDER<br>≈ <super> 04AB ѣ      |
| 1E06C | ѣ | MODIFIER LETTER CYRILLIC SMALL YERU WITH<br>BACK YER<br>≈ <super> A651 ѣ     |
| 1E06D | ѣ | MODIFIER LETTER CYRILLIC SMALL STRAIGHT U<br>WITH STROKE<br>≈ <super> 04B1 ѣ |

**Diacritical mark**

|       |   |                                                             |
|-------|---|-------------------------------------------------------------|
| 1E08F | ѣ | COMBINING CYRILLIC SMALL LETTER<br>BYELORUSSIAN-UKRAINIAN I |
|-------|---|-------------------------------------------------------------|

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|   | 1E29       | 1E2A       | 1E2B |
|---|------------|------------|------|
| 0 | 𐌰<br>1E290 | 𐌱<br>1E2A0 |      |
| 1 | 𐌲<br>1E291 | 𐌳<br>1E2A1 |      |
| 2 | 𐌴<br>1E292 | 𐌵<br>1E2A2 |      |
| 3 | 𐌶<br>1E293 | 𐌷<br>1E2A3 |      |
| 4 | 𐌸<br>1E294 | 𐌹<br>1E2A4 |      |
| 5 | 𐌺<br>1E295 | 𐌻<br>1E2A5 |      |
| 6 | 𐌽<br>1E296 | 𐌾<br>1E2A6 |      |
| 7 | 𐌿<br>1E297 | 𐍀<br>1E2A7 |      |
| 8 | 𐍂<br>1E298 | 𐍃<br>1E2A8 |      |
| 9 | 𐍅<br>1E299 | 𐍆<br>1E2A9 |      |
| A | 𐍈<br>1E29A | 𐍉<br>1E2AA |      |
| B | 𐍊<br>1E29B | 𐍋<br>1E2AB |      |
| C | 𐍌<br>1E29C | 𐍍<br>1E2AC |      |
| D | 𐍎<br>1E29D | 𐍇<br>1E2AD |      |
| E | 𐍏<br>1E29E | 𐍐<br>1E2AE |      |
| F | 𐍑<br>1E29F |            |      |

#### Basic consonants

|       |   |                 |
|-------|---|-----------------|
| 1E290 | 𐌰 | TOTO LETTER PA  |
| 1E291 | 𐌱 | TOTO LETTER BA  |
| 1E292 | 𐌴 | TOTO LETTER TA  |
| 1E293 | 𐌶 | TOTO LETTER DA  |
| 1E294 | 𐌸 | TOTO LETTER KA  |
| 1E295 | 𐌺 | TOTO LETTER GA  |
| 1E296 | 𐌽 | TOTO LETTER MA  |
| 1E297 | 𐌿 | TOTO LETTER NA  |
| 1E298 | 𐍂 | TOTO LETTER ŊA  |
| 1E299 | 𐍅 | TOTO LETTER SA  |
| 1E29A | 𐍈 | TOTO LETTER CHA |
| 1E29B | 𐍊 | TOTO LETTER YA  |
| 1E29C | 𐍌 | TOTO LETTER WA  |
| 1E29D | 𐍎 | TOTO LETTER JA  |
| 1E29E | 𐍏 | TOTO LETTER HA  |
| 1E29F | 𐍑 | TOTO LETTER RA  |
| 1E2A0 | 𐌱 | TOTO LETTER LA  |

#### Basic vowels

|       |   |                        |
|-------|---|------------------------|
| 1E2A1 | 𐍑 | TOTO LETTER I          |
| 1E2A2 | 𐍑 | TOTO LETTER BREATHY I  |
| 1E2A3 | 𐍓 | TOTO LETTER IU         |
| 1E2A4 | 𐍓 | TOTO LETTER BREATHY IU |
| 1E2A5 | 𐍕 | TOTO LETTER U          |
| 1E2A6 | 𐍕 | TOTO LETTER E          |
| 1E2A7 | 𐍕 | TOTO LETTER BREATHY E  |
| 1E2A8 | 𐍗 | TOTO LETTER EO         |
| 1E2A9 | 𐍗 | TOTO LETTER BREATHY EO |
| 1E2AA | 𐍙 | TOTO LETTER O          |
| 1E2AB | 𐍙 | TOTO LETTER AE         |
| 1E2AC | 𐍙 | TOTO LETTER BREATHY AE |
| 1E2AD | 𐍛 | TOTO LETTER A          |

#### Sign

|       |   |                       |
|-------|---|-----------------------|
| 1E2AE | 𐍚 | TOTO SIGN RISING TONE |
|-------|---|-----------------------|



|   | 1E2C                                                                                         | 1E2D                                                                                         | 1E2E                                                                                         | 1E2F                                                                                         |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 0 | <br>1E2C0   | <br>1E2D0   | <br>1E2E0   | <br>1E2F0   |
| 1 | <br>1E2C1   | <br>1E2D1   | <br>1E2E1   | <br>1E2F1   |
| 2 | <br>1E2C2   | <br>1E2D2   | <br>1E2E2   | <br>1E2F2   |
| 3 | <br>1E2C3   | <br>1E2D3   | <br>1E2E3   | <br>1E2F3   |
| 4 | <br>1E2C4   | <br>1E2D4   | <br>1E2E4   | <br>1E2F4   |
| 5 | <br>1E2C5   | <br>1E2D5   | <br>1E2E5   | <br>1E2F5   |
| 6 | <br>1E2C6  | <br>1E2D6  | <br>1E2E6  | <br>1E2F6  |
| 7 | <br>1E2C7 | <br>1E2D7 | <br>1E2E7 | <br>1E2F7 |
| 8 | <br>1E2C8 | <br>1E2D8 | <br>1E2E8 | <br>1E2F8 |
| 9 | <br>1E2C9 | <br>1E2D9 | <br>1E2E9 | <br>1E2F9 |
| A | <br>1E2CA | <br>1E2DA | <br>1E2EA |                                                                                              |
| B | <br>1E2CB | <br>1E2DB | <br>1E2EB |                                                                                              |
| C | <br>1E2CC | <br>1E2DC | <br>1E2EC |                                                                                              |
| D | <br>1E2CD | <br>1E2DD | <br>1E2ED |                                                                                              |
| E | <br>1E2CE | <br>1E2DE | <br>1E2EE |                                                                                              |
| F | <br>1E2CF | <br>1E2DF | <br>1E2EF | <br>1E2FF |

**Letters**

|       |   |                    |
|-------|---|--------------------|
| 1E2C0 | 𑌀 | WANCHO LETTER AA   |
| 1E2C1 | 𑌁 | WANCHO LETTER A    |
| 1E2C2 | 𑌂 | WANCHO LETTER BA   |
| 1E2C3 | 𑌃 | WANCHO LETTER CA   |
| 1E2C4 | 𑌄 | WANCHO LETTER DA   |
| 1E2C5 | 𑌅 | WANCHO LETTER GA   |
| 1E2C6 | 𑌆 | WANCHO LETTER YA   |
| 1E2C7 | 𑌇 | WANCHO LETTER PHA  |
| 1E2C8 | 𑌈 | WANCHO LETTER LA   |
| 1E2C9 | 𑌉 | WANCHO LETTER NA   |
| 1E2CA | 𑌊 | WANCHO LETTER PA   |
| 1E2CB | 𑌋 | WANCHO LETTER TA   |
| 1E2CC | 𑌌 | WANCHO LETTER THA  |
| 1E2CD | 𑌍 | WANCHO LETTER FA   |
| 1E2CE | 𑌎 | WANCHO LETTER SA   |
| 1E2CF | 𑌏 | WANCHO LETTER SHA  |
| 1E2D0 | 𑌐 | WANCHO LETTER JA   |
| 1E2D1 | 𑌑 | WANCHO LETTER ZA   |
| 1E2D2 | 𑌒 | WANCHO LETTER WA   |
| 1E2D3 | 𑌓 | WANCHO LETTER VA   |
| 1E2D4 | 𑌔 | WANCHO LETTER KA   |
| 1E2D5 | 𑌕 | WANCHO LETTER O    |
| 1E2D6 | 𑌖 | WANCHO LETTER AU   |
| 1E2D7 | 𑌗 | WANCHO LETTER RA   |
| 1E2D8 | 𑌘 | WANCHO LETTER MA   |
| 1E2D9 | 𑌙 | WANCHO LETTER KHA  |
| 1E2DA | 𑌚 | WANCHO LETTER HA   |
| 1E2DB | 𑌛 | WANCHO LETTER E    |
| 1E2DC | 𑌜 | WANCHO LETTER I    |
| 1E2DD | 𑌝 | WANCHO LETTER NGA  |
| 1E2DE | 𑌞 | WANCHO LETTER U    |
| 1E2DF | 𑌟 | WANCHO LETTER LLHA |
| 1E2E0 | 𑌠 | WANCHO LETTER TSA  |
| 1E2E1 | 𑌡 | WANCHO LETTER TRA  |
| 1E2E2 | 𑌢 | WANCHO LETTER ONG  |
| 1E2E3 | 𑌣 | WANCHO LETTER AANG |
| 1E2E4 | 𑌤 | WANCHO LETTER ANG  |
| 1E2E5 | 𑌥 | WANCHO LETTER ING  |
| 1E2E6 | 𑌦 | WANCHO LETTER ON   |
| 1E2E7 | 𑌧 | WANCHO LETTER EN   |
| 1E2E8 | 𑌨 | WANCHO LETTER AAN  |
| 1E2E9 | 𑌩 | WANCHO LETTER NYA  |
| 1E2EA | 𑌪 | WANCHO LETTER UEN  |
| 1E2EB | 𑌫 | WANCHO LETTER YIH  |

**Tone marks**

|       |   |                   |
|-------|---|-------------------|
| 1E2EC | 𑌬 | WANCHO TONE TUP   |
| 1E2ED | 𑌭 | WANCHO TONE TUPNI |
| 1E2EE | 𑌮 | WANCHO TONE KOI   |
| 1E2EF | 𑌯 | WANCHO TONE KOINI |

**Digits**

|       |   |                    |
|-------|---|--------------------|
| 1E2F0 | 𑌰 | WANCHO DIGIT ZERO  |
| 1E2F1 | 𑌱 | WANCHO DIGIT ONE   |
| 1E2F2 | 𑌲 | WANCHO DIGIT TWO   |
| 1E2F3 | 𑌳 | WANCHO DIGIT THREE |
| 1E2F4 | 𑌴 | WANCHO DIGIT FOUR  |
| 1E2F5 | 𑌵 | WANCHO DIGIT FIVE  |
| 1E2F6 | 𑌶 | WANCHO DIGIT SIX   |
| 1E2F7 | 𑌷 | WANCHO DIGIT SEVEN |
| 1E2F8 | 𑌸 | WANCHO DIGIT EIGHT |

1E2F9 𑌹 WANCHO DIGIT NINE

**Currency symbol**

1E2FF 𑌺 WANCHO NGUN SIGN  
= rupee  
→ 20B9 ₹ indian rupee sign

|   | 1E4D       | 1E4E       | 1E4F       |
|---|------------|------------|------------|
| 0 | ३<br>1E4D0 | ॢ<br>1E4E0 | ०<br>1E4F0 |
| 1 | ॡ<br>1E4D1 | ॣ<br>1E4E1 | १<br>1E4F1 |
| 2 | ॢ<br>1E4D2 | ।<br>1E4E2 | २<br>1E4F2 |
| 3 | ॣ<br>1E4D3 | ॥<br>1E4E3 | ३<br>1E4F3 |
| 4 | ।<br>1E4D4 | ०<br>1E4E4 | ॣ<br>1E4F4 |
| 5 | ॥<br>1E4D5 | ॢ<br>1E4E5 | ।<br>1E4F5 |
| 6 | ०<br>1E4D6 | ॡ<br>1E4E6 | ॢ<br>1E4F6 |
| 7 | ॢ<br>1E4D7 | ॣ<br>1E4E7 | ॣ<br>1E4F7 |
| 8 | ॣ<br>1E4D8 | ।<br>1E4E8 | ॣ<br>1E4F8 |
| 9 | ।<br>1E4D9 | ॥<br>1E4E9 | ॣ<br>1E4F9 |
| A | ॥<br>1E4DA | ॢ<br>1E4EA |            |
| B | ॣ<br>1E4DB | ॣ<br>1E4EB |            |
| C | ।<br>1E4DC | ०<br>1E4EC |            |
| D | ॥<br>1E4DD | ॢ<br>1E4ED |            |
| E | ॣ<br>1E4DE | ॣ<br>1E4EE |            |
| F | ।<br>1E4DF | ॥<br>1E4EF |            |

#### Letters

|       |   |                        |
|-------|---|------------------------|
| 1E4D0 | ३ | NAG MUNDARI LETTER O   |
| 1E4D1 | ॡ | NAG MUNDARI LETTER OP  |
| 1E4D2 | ॢ | NAG MUNDARI LETTER OL  |
| 1E4D3 | ॣ | NAG MUNDARI LETTER OY  |
| 1E4D4 | । | NAG MUNDARI LETTER ONG |
| 1E4D5 | ॥ | NAG MUNDARI LETTER A   |
| 1E4D6 | ० | NAG MUNDARI LETTER AJ  |
| 1E4D7 | ॢ | NAG MUNDARI LETTER AB  |
| 1E4D8 | ॣ | NAG MUNDARI LETTER ANY |
| 1E4D9 | । | NAG MUNDARI LETTER AH  |
| 1E4DA | ॥ | NAG MUNDARI LETTER I   |
| 1E4DB | ॣ | NAG MUNDARI LETTER IS  |
| 1E4DC | । | NAG MUNDARI LETTER IDD |
| 1E4DD | ॥ | NAG MUNDARI LETTER IT  |
| 1E4DE | ॣ | NAG MUNDARI LETTER IH  |
| 1E4DF | । | NAG MUNDARI LETTER U   |
| 1E4E0 | ॢ | NAG MUNDARI LETTER UC  |
| 1E4E1 | ॣ | NAG MUNDARI LETTER UD  |
| 1E4E2 | । | NAG MUNDARI LETTER UK  |
| 1E4E3 | ॥ | NAG MUNDARI LETTER UR  |
| 1E4E4 | ० | NAG MUNDARI LETTER E   |
| 1E4E5 | ॢ | NAG MUNDARI LETTER ENN |
| 1E4E6 | ॣ | NAG MUNDARI LETTER EG  |
| 1E4E7 | । | NAG MUNDARI LETTER EM  |
| 1E4E8 | ॥ | NAG MUNDARI LETTER EN  |
| 1E4E9 | ॣ | NAG MUNDARI LETTER ETT |
| 1E4EA | । | NAG MUNDARI LETTER ELL |

#### Various signs

|       |   |                                                            |
|-------|---|------------------------------------------------------------|
| 1E4EB | ॣ | NAG MUNDARI SIGN OJOD                                      |
|       |   | • precedes modified letters such as AB or UD               |
|       |   | • may indicate consonant gemination                        |
| 1E4EC | ॣ | NAG MUNDARI SIGN MUHOR                                     |
|       |   | • vowel nasalization                                       |
| 1E4ED | ॣ | NAG MUNDARI SIGN TOYOR                                     |
|       |   | • indicates a long vowel                                   |
| 1E4EE | ॣ | NAG MUNDARI SIGN IKIR                                      |
|       |   | • vowel preceded by the 'w' sound                          |
| 1E4EF | ॣ | NAG MUNDARI SIGN SUTUH                                     |
|       |   | • mostly used for close transliteration of other languages |

#### Digits

|       |   |                         |
|-------|---|-------------------------|
| 1E4F0 | ० | NAG MUNDARI DIGIT ZERO  |
| 1E4F1 | १ | NAG MUNDARI DIGIT ONE   |
| 1E4F2 | २ | NAG MUNDARI DIGIT TWO   |
| 1E4F3 | ३ | NAG MUNDARI DIGIT THREE |
| 1E4F4 | ॣ | NAG MUNDARI DIGIT FOUR  |
| 1E4F5 | । | NAG MUNDARI DIGIT FIVE  |
| 1E4F6 | ॥ | NAG MUNDARI DIGIT SIX   |
| 1E4F7 | ॢ | NAG MUNDARI DIGIT SEVEN |
| 1E4F8 | ॣ | NAG MUNDARI DIGIT EIGHT |
| 1E4F9 | । | NAG MUNDARI DIGIT NINE  |

|   | 1E7E       | 1E7F       |
|---|------------|------------|
| 0 | ሐ<br>1E7E0 | ቀ<br>1E7F0 |
| 1 | ከ<br>1E7E1 | ቁ<br>1E7F1 |
| 2 | ኢ<br>1E7E2 | ቀ<br>1E7F2 |
| 3 | ሐ<br>1E7E3 | ቢ<br>1E7F3 |
| 4 | ከ<br>1E7E4 | ቢ<br>1E7F4 |
| 5 | ኢ<br>1E7E5 | ከ<br>1E7F5 |
| 6 | ሐ<br>1E7E6 | ከ<br>1E7F6 |
| 7 |            | ከ<br>1E7F7 |
| 8 | ሐ<br>1E7E8 | ከ<br>1E7F8 |
| 9 | ከ<br>1E7E9 | ከ<br>1E7F9 |
| A | ከ<br>1E7EA | ከ<br>1E7FA |
| B | ከ<br>1E7EB | ከ<br>1E7FB |
| C |            | ከ<br>1E7FC |
| D | ከ<br>1E7ED | ከ<br>1E7FD |
| E | ከ<br>1E7EE | ከ<br>1E7FE |
| F |            |            |

#### Syllables for Gurage

|       |   |                                                                  |
|-------|---|------------------------------------------------------------------|
| 1E7E0 | ሐ | ETHIOPIC SYLLABLE HHYA<br>→ 2DD0 ከ ethiopic syllable xya         |
| 1E7E1 | ከ | ETHIOPIC SYLLABLE HHYU<br>→ 2DD1 ከ ethiopic syllable xyu         |
| 1E7E2 | ኢ | ETHIOPIC SYLLABLE HHYI<br>→ 2DD2 ከ ethiopic syllable xyi         |
| 1E7E3 | ሐ | ETHIOPIC SYLLABLE HHYAA<br>→ 2DD3 ከ ethiopic syllable xyaa       |
| 1E7E4 | ከ | ETHIOPIC SYLLABLE HHYEE<br>→ 2DD4 ከ ethiopic syllable xyee       |
| 1E7E5 | ኢ | ETHIOPIC SYLLABLE HHYE<br>→ 2DD5 ከ ethiopic syllable xye         |
| 1E7E6 | ሐ | ETHIOPIC SYLLABLE HHYO<br>→ 2DD6 ከ ethiopic syllable xyo         |
| 1E7E7 |   | <reserved>                                                       |
| 1E7E8 | ሐ | ETHIOPIC SYLLABLE GURAGE HHWA<br>→ 12C0 ከ ethiopic syllable kxwa |
| 1E7E9 | ከ | ETHIOPIC SYLLABLE HHWI<br>→ 12C2 ከ ethiopic syllable kxwi        |
| 1E7EA | ኢ | ETHIOPIC SYLLABLE HHWEE<br>→ 12C4 ከ ethiopic syllable kxwee      |
| 1E7EB | ሐ | ETHIOPIC SYLLABLE HHWE<br>→ 12C5 ከ ethiopic syllable kxwe        |
| 1E7EC |   | <reserved>                                                       |
| 1E7ED | ሐ | ETHIOPIC SYLLABLE GURAGE MWI<br>→ 1381 ከ ethiopic syllable mwi   |
| 1E7EE | ከ | ETHIOPIC SYLLABLE GURAGE MWEE<br>→ 1382 ከ ethiopic syllable mwee |
| 1E7EF |   | <reserved>                                                       |
| 1E7F0 | ቀ | ETHIOPIC SYLLABLE GURAGE QWI<br>→ 124A ቀ ethiopic syllable qwi   |
| 1E7F1 | ቁ | ETHIOPIC SYLLABLE GURAGE QWEE<br>→ 124C ቁ ethiopic syllable qwee |
| 1E7F2 | ቀ | ETHIOPIC SYLLABLE GURAGE QWE<br>→ 124D ቀ ethiopic syllable qwe   |
| 1E7F3 | ቢ | ETHIOPIC SYLLABLE GURAGE BWI<br>→ 1385 ቢ ethiopic syllable bwi   |
| 1E7F4 | ቢ | ETHIOPIC SYLLABLE GURAGE BWEE<br>→ 1386 ቢ ethiopic syllable bwee |
| 1E7F5 | ከ | ETHIOPIC SYLLABLE GURAGE KWI<br>→ 12B2 ከ ethiopic syllable kwi   |
| 1E7F6 | ከ | ETHIOPIC SYLLABLE GURAGE KWEE<br>→ 12B4 ከ ethiopic syllable kwee |
| 1E7F7 | ከ | ETHIOPIC SYLLABLE GURAGE KWE<br>→ 12B5 ከ ethiopic syllable kwe   |
| 1E7F8 | ከ | ETHIOPIC SYLLABLE GURAGE GWI<br>→ 1312 ከ ethiopic syllable gwi   |
| 1E7F9 | ከ | ETHIOPIC SYLLABLE GURAGE GWEE<br>→ 1314 ከ ethiopic syllable gwee |
| 1E7FA | ከ | ETHIOPIC SYLLABLE GURAGE GWE<br>→ 1315 ከ ethiopic syllable gwe   |
| 1E7FB | ከ | ETHIOPIC SYLLABLE GURAGE FWI<br>→ 1389 ከ ethiopic syllable fwi   |
| 1E7FC | ከ | ETHIOPIC SYLLABLE GURAGE FWEE<br>→ 138A ከ ethiopic syllable fwee |
| 1E7FD | ከ | ETHIOPIC SYLLABLE GURAGE PWI<br>→ 138D ከ ethiopic syllable pwi   |
| 1E7FE | ከ | ETHIOPIC SYLLABLE GURAGE PWEE<br>→ 138E ከ ethiopic syllable pwee |

|   | 1F10                                 | 1F11  | 1F12  | 1F13  | 1F14  | 1F15  | 1F16  | 1F17  | 1F18  | 1F19  | 1F1A  | 1F1B  | 1F1C | 1F1D | 1F1E | 1F1F  |
|---|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| 0 | 0. (A) (Q) A Q A Q A Q DJ 5.1        | 1F100 | 1F110 | 1F120 | 1F130 | 1F140 | 1F150 | 1F160 | 1F170 | 1F180 | 1F190 | 1F1A0 |      |      |      | 1F1F0 |
| 1 | 0, (B) (R) B R B R B R CL 7.1        | 1F101 | 1F111 | 1F121 | 1F131 | 1F141 | 1F151 | 1F161 | 1F171 | 1F181 | 1F191 | 1F1A1 |      |      |      | 1F1F1 |
| 2 | 1, (C) (S) C S C S C S COOL 22.2     | 1F102 | 1F112 | 1F122 | 1F132 | 1F142 | 1F152 | 1F162 | 1F172 | 1F182 | 1F192 | 1F1A2 |      |      |      | 1F1F2 |
| 3 | 2, (D) (T) D T D T D T FREE 60P      | 1F103 | 1F113 | 1F123 | 1F133 | 1F143 | 1F153 | 1F163 | 1F173 | 1F183 | 1F193 | 1F1A3 |      |      |      | 1F1F3 |
| 4 | 3, (E) (U) E U E U E U ID 120P       | 1F104 | 1F114 | 1F124 | 1F134 | 1F144 | 1F154 | 1F164 | 1F174 | 1F184 | 1F194 | 1F1A4 |      |      |      | 1F1F4 |
| 5 | 4, (F) (V) F V F V F V NEW d         | 1F105 | 1F115 | 1F125 | 1F135 | 1F145 | 1F155 | 1F165 | 1F175 | 1F185 | 1F195 | 1F1A5 |      |      |      | 1F1F5 |
| 6 | 5, (G) (W) G W G W G W NG HC         | 1F106 | 1F116 | 1F126 | 1F136 | 1F146 | 1F156 | 1F166 | 1F176 | 1F186 | 1F196 | 1F1A6 |      |      |      | 1F1F6 |
| 7 | 6, (H) (X) H X H X H X OK HDR        | 1F107 | 1F117 | 1F127 | 1F137 | 1F147 | 1F157 | 1F167 | 1F177 | 1F187 | 1F197 | 1F1A7 |      |      |      | 1F1F7 |
| 8 | 7, (I) (Y) I Y I Y I Y SOS Hi-Res    | 1F108 | 1F118 | 1F128 | 1F138 | 1F148 | 1F158 | 1F168 | 1F178 | 1F188 | 1F198 | 1F1A8 |      |      |      | 1F1F8 |
| 9 | 8, (J) (Z) J Z J Z J Z UP! Loss less | 1F109 | 1F119 | 1F129 | 1F139 | 1F149 | 1F159 | 1F169 | 1F179 | 1F189 | 1F199 | 1F1A9 |      |      |      | 1F1F9 |
| A | 9, (K) (S) K S K S K S MC K P VS SHV | 1F10A | 1F11A | 1F12A | 1F13A | 1F14A | 1F15A | 1F16A | 1F17A | 1F18A | 1F19A | 1F1AA |      |      |      | 1F1FA |
| B | 0 (L) C E MV L MD L IC 3D UHD        | 1F10B | 1F11B | 1F12B | 1F13B | 1F14B | 1F15B | 1F16B | 1F17B | 1F18B | 1F19B | 1F1AB |      |      |      | 1F1FB |
| C | 0 (M) R M SD M MR M PA 2nd Scr VOD   | 1F10C | 1F11C | 1F12C | 1F13C | 1F14C | 1F15C | 1F16C | 1F17C | 1F18C | 1F19C | 1F1AC |      |      |      | 1F1FC |
| D | 0 (N) CD N SS N CC N SA 2K M         | 1F10D | 1F11D | 1F12D | 1F13D | 1F14D | 1F15D | 1F16D | 1F17D | 1F18D | 1F19D | 1F1AD |      |      |      | 1F1FD |
| E | 0 (O) Wz O PPV O N O AB 4K           | 1F10E | 1F11E | 1F12E | 1F13E | 1F14E | 1F15E | 1F16E | 1F17E | 1F18E | 1F19E |       |      |      |      | 1F1FE |
| F | 0 (P) P WC P i P WC 8K               | 1F10F | 1F11F | 1F12F | 1F13F | 1F14F | 1F15F | 1F16F | 1F17F | 1F18F | 1F19F |       |      |      |      | 1F1FF |

**Number with full stop**

*This symbol completes the set of numbers with full stop starting at 2488.*

1F100 0. DIGIT ZERO FULL STOP  
≈ 0030 0 002E .

**Numbers with comma**

1F101 0, DIGIT ZERO COMMA  
≈ 0030 0 002C ,  
1F102 1, DIGIT ONE COMMA  
≈ 0031 1 002C ,  
1F103 2, DIGIT TWO COMMA  
≈ 0032 2 002C ,  
1F104 3, DIGIT THREE COMMA  
≈ 0033 3 002C ,  
1F105 4, DIGIT FOUR COMMA  
≈ 0034 4 002C ,  
1F106 5, DIGIT FIVE COMMA  
≈ 0035 5 002C ,  
1F107 6, DIGIT SIX COMMA  
≈ 0036 6 002C ,  
1F108 7, DIGIT SEVEN COMMA  
≈ 0037 7 002C ,  
1F109 8, DIGIT EIGHT COMMA  
≈ 0038 8 002C ,  
1F10A 9, DIGIT NINE COMMA  
≈ 0039 9 002C ,

**Circled sans-serif digits**

*These digits complement the sans-serif digit sets in the Dingbat block ranges 2780-2789 and 278A-2793.*

1F10B ① DINGBAT CIRCLED SANS-SERIF DIGIT ZERO  
1F10C ② DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ZERO

**Creative Commons symbols**

*Part of a Creative Commons symbol set also including 229C, 1F16D, 1F16E, and 1F16F.*

1F10D ③ CIRCLED ZERO WITH SLASH  
= no rights reserved  
1F10E ④ CIRCLED ANTICLOCKWISE ARROW  
= share alike  
1F10F ⑤ CIRCLED DOLLAR SIGN WITH OVERLAID BACKSLASH  
= non commercial

**Parenthesized Latin letters**

*This set provides uppercase versions of the set starting at 249C. Parenthesized Latin letters do not have case mappings.*

1F110 (A) PARENTHESIZED LATIN CAPITAL LETTER A  
≈ 0028 ( 0041 A 0029 )  
1F111 (B) PARENTHESIZED LATIN CAPITAL LETTER B  
≈ 0028 ( 0042 B 0029 )  
1F112 (C) PARENTHESIZED LATIN CAPITAL LETTER C  
≈ 0028 ( 0043 C 0029 )  
1F113 (D) PARENTHESIZED LATIN CAPITAL LETTER D  
≈ 0028 ( 0044 D 0029 )  
1F114 (E) PARENTHESIZED LATIN CAPITAL LETTER E  
≈ 0028 ( 0045 E 0029 )  
1F115 (F) PARENTHESIZED LATIN CAPITAL LETTER F  
≈ 0028 ( 0046 F 0029 )  
1F116 (G) PARENTHESIZED LATIN CAPITAL LETTER G  
≈ 0028 ( 0047 G 0029 )

1F117 (H) PARENTHESIZED LATIN CAPITAL LETTER H  
≈ 0028 ( 0048 H 0029 )  
1F118 (I) PARENTHESIZED LATIN CAPITAL LETTER I  
≈ 0028 ( 0049 I 0029 )  
1F119 (J) PARENTHESIZED LATIN CAPITAL LETTER J  
≈ 0028 ( 004A J 0029 )  
1F11A (K) PARENTHESIZED LATIN CAPITAL LETTER K  
≈ 0028 ( 004B K 0029 )  
1F11B (L) PARENTHESIZED LATIN CAPITAL LETTER L  
≈ 0028 ( 004C L 0029 )  
1F11C (M) PARENTHESIZED LATIN CAPITAL LETTER M  
≈ 0028 ( 004D M 0029 )  
1F11D (N) PARENTHESIZED LATIN CAPITAL LETTER N  
≈ 0028 ( 004E N 0029 )  
1F11E (O) PARENTHESIZED LATIN CAPITAL LETTER O  
≈ 0028 ( 004F O 0029 )  
1F11F (P) PARENTHESIZED LATIN CAPITAL LETTER P  
≈ 0028 ( 0050 P 0029 )  
1F120 (Q) PARENTHESIZED LATIN CAPITAL LETTER Q  
≈ 0028 ( 0051 Q 0029 )  
1F121 (R) PARENTHESIZED LATIN CAPITAL LETTER R  
≈ 0028 ( 0052 R 0029 )  
1F122 (S) PARENTHESIZED LATIN CAPITAL LETTER S  
≈ 0028 ( 0053 S 0029 )  
1F123 (T) PARENTHESIZED LATIN CAPITAL LETTER T  
≈ 0028 ( 0054 T 0029 )  
1F124 (U) PARENTHESIZED LATIN CAPITAL LETTER U  
≈ 0028 ( 0055 U 0029 )  
1F125 (V) PARENTHESIZED LATIN CAPITAL LETTER V  
≈ 0028 ( 0056 V 0029 )  
1F126 (W) PARENTHESIZED LATIN CAPITAL LETTER W  
≈ 0028 ( 0057 W 0029 )  
1F127 (X) PARENTHESIZED LATIN CAPITAL LETTER X  
≈ 0028 ( 0058 X 0029 )  
1F128 (Y) PARENTHESIZED LATIN CAPITAL LETTER Y  
≈ 0028 ( 0059 Y 0029 )  
1F129 (Z) PARENTHESIZED LATIN CAPITAL LETTER Z  
≈ 0028 ( 005A Z 0029 )

**Latin letter with tortoise shell brackets**

1F12A [S] TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S  
• used in baseball scoring  
≈ 3014 [ 0053 S 3015 ]

**Circled italic Latin letters**

1F12B © CIRCLED ITALIC LATIN CAPITAL LETTER C  
= compact disc, single disc record  
≈ <circle> 0043 C  
1F12C ® CIRCLED ITALIC LATIN CAPITAL LETTER R  
= disc record  
≈ <circle> 0052 R

**Circled Latin letters or letter sequences**

1F12D Ⓒ CIRCLED CD  
→ 33C5 cd square cd  
≈ <circle> 0043 C 0044 D  
1F12E ™ CIRCLED WZ  
• from the German term “Warenzeichen”  
• indicate a trademarked term without making a legal claim of trademark status  
• decomposition is anomalous, as the usual glyph shows a capital W and a small z  
→ 2122 ™ trade mark sign  
≈ <circle> 0057 W 005A Z

|       |   |                                             |
|-------|---|---------------------------------------------|
| 1F12F | © | COPYLEFT SYMBOL                             |
|       |   | → 00A9 © copyright sign                     |
|       |   | → 2183 ㊀ roman numeral reversed one hundred |

**Squared Latin letters**

|       |   |                                                                                                                                  |
|-------|---|----------------------------------------------------------------------------------------------------------------------------------|
| 1F130 | A | SQUARED LATIN CAPITAL LETTER A<br>= Anreisetag (day of arrival)<br>≈ <square> 0041 A                                             |
| 1F131 | B | SQUARED LATIN CAPITAL LETTER B<br>= bank<br>= b-mode stereo compression broadcasting service (ARIB STD B24)<br>≈ <square> 0042 B |
| 1F132 | C | SQUARED LATIN CAPITAL LETTER C<br>≈ <square> 0043 C                                                                              |
| 1F133 | D | SQUARED LATIN CAPITAL LETTER D<br>≈ <square> 0044 D                                                                              |
| 1F134 | E | SQUARED LATIN CAPITAL LETTER E<br>≈ <square> 0045 E                                                                              |
| 1F135 | F | SQUARED LATIN CAPITAL LETTER F<br>≈ <square> 0046 F                                                                              |
| 1F136 | G | SQUARED LATIN CAPITAL LETTER G<br>≈ <square> 0047 G                                                                              |
| 1F137 | H | SQUARED LATIN CAPITAL LETTER H<br>≈ <square> 0048 H                                                                              |
| 1F138 | I | SQUARED LATIN CAPITAL LETTER I<br>≈ <square> 0049 I                                                                              |
| 1F139 | J | SQUARED LATIN CAPITAL LETTER J<br>≈ <square> 004A J                                                                              |
| 1F13A | K | SQUARED LATIN CAPITAL LETTER K<br>≈ <square> 004B K                                                                              |
| 1F13B | L | SQUARED LATIN CAPITAL LETTER L<br>≈ <square> 004C L                                                                              |
| 1F13C | M | SQUARED LATIN CAPITAL LETTER M<br>≈ <square> 004D M                                                                              |
| 1F13D | N | SQUARED LATIN CAPITAL LETTER N<br>= news (ARIB STD B24)<br>≈ <square> 004E N                                                     |
| 1F13E | O | SQUARED LATIN CAPITAL LETTER O<br>≈ <square> 004F O                                                                              |
| 1F13F | P | SQUARED LATIN CAPITAL LETTER P<br>= progressive broadcasting (ARIB STD B24)<br>≈ <square> 0050 P                                 |
| 1F140 | Q | SQUARED LATIN CAPITAL LETTER Q<br>≈ <square> 0051 Q                                                                              |
| 1F141 | R | SQUARED LATIN CAPITAL LETTER R<br>≈ <square> 0052 R                                                                              |
| 1F142 | S | SQUARED LATIN CAPITAL LETTER S<br>= stereo broadcasting service (ARIB STD B24)<br>≈ <square> 0053 S                              |
| 1F143 | T | SQUARED LATIN CAPITAL LETTER T<br>= tobacconist<br>≈ <square> 0054 T                                                             |
| 1F144 | U | SQUARED LATIN CAPITAL LETTER U<br>≈ <square> 0055 U                                                                              |
| 1F145 | V | SQUARED LATIN CAPITAL LETTER V<br>≈ <square> 0056 V                                                                              |
| 1F146 | W | SQUARED LATIN CAPITAL LETTER W<br>= wide-format 16:9 broadcasting service (ARIB STD B24)<br>≈ <square> 0057 W                    |
| 1F147 | X | SQUARED LATIN CAPITAL LETTER X<br>≈ <square> 0058 X                                                                              |

|       |   |                                                     |
|-------|---|-----------------------------------------------------|
| 1F148 | Y | SQUARED LATIN CAPITAL LETTER Y<br>≈ <square> 0059 Y |
|-------|---|-----------------------------------------------------|

|       |   |                                                     |
|-------|---|-----------------------------------------------------|
| 1F149 | Z | SQUARED LATIN CAPITAL LETTER Z<br>≈ <square> 005A Z |
|-------|---|-----------------------------------------------------|

|       |    |                                                  |
|-------|----|--------------------------------------------------|
| 1F14A | HV | SQUARED HV<br>= hdtv<br>≈ <square> 0048 H 0056 V |
|-------|----|--------------------------------------------------|

|       |    |                                                                   |
|-------|----|-------------------------------------------------------------------|
| 1F14B | MV | SQUARED MV<br>= multi-view television<br>≈ <square> 004D M 0056 V |
|-------|----|-------------------------------------------------------------------|

|       |    |                                                  |
|-------|----|--------------------------------------------------|
| 1F14C | SD | SQUARED SD<br>= sdtv<br>≈ <square> 0053 S 0044 D |
|-------|----|--------------------------------------------------|

|       |    |                                                                                  |
|-------|----|----------------------------------------------------------------------------------|
| 1F14D | SS | SQUARED SS<br>= surround stereo broadcasting service<br>≈ <square> 0053 S 0053 S |
|-------|----|----------------------------------------------------------------------------------|

|       |     |                                                                  |
|-------|-----|------------------------------------------------------------------|
| 1F14E | PPV | SQUARED PPV<br>= pay-per-view<br>≈ <square> 0050 P 0050 P 0056 V |
|-------|-----|------------------------------------------------------------------|

|       |    |                                                                                                   |
|-------|----|---------------------------------------------------------------------------------------------------|
| 1F14F | WC | SQUARED WC<br>= water closet, public toilet<br>→ 1F6BE ㊂ water closet<br>≈ <square> 0057 W 0043 C |
|-------|----|---------------------------------------------------------------------------------------------------|

**White on black circled Latin letters**

|       |   |                                                                                                |
|-------|---|------------------------------------------------------------------------------------------------|
| 1F150 | A | NEGATIVE CIRCLED LATIN CAPITAL LETTER A<br>= airport                                           |
| 1F151 | B | NEGATIVE CIRCLED LATIN CAPITAL LETTER B                                                        |
| 1F152 | C | NEGATIVE CIRCLED LATIN CAPITAL LETTER C                                                        |
| 1F153 | D | NEGATIVE CIRCLED LATIN CAPITAL LETTER D                                                        |
| 1F154 | E | NEGATIVE CIRCLED LATIN CAPITAL LETTER E                                                        |
| 1F155 | F | NEGATIVE CIRCLED LATIN CAPITAL LETTER F<br>= ferry                                             |
| 1F156 | G | NEGATIVE CIRCLED LATIN CAPITAL LETTER G                                                        |
| 1F157 | H | NEGATIVE CIRCLED LATIN CAPITAL LETTER H<br>= hotel (ARIB STD B24)                              |
| 1F158 | I | NEGATIVE CIRCLED LATIN CAPITAL LETTER I                                                        |
| 1F159 | J | NEGATIVE CIRCLED LATIN CAPITAL LETTER J                                                        |
| 1F15A | K | NEGATIVE CIRCLED LATIN CAPITAL LETTER K<br>= Kurort (spa)<br>→ 2668 ㊂ hot springs              |
| 1F15B | L | NEGATIVE CIRCLED LATIN CAPITAL LETTER L<br>= light rail<br>→ 1F688 ㊂ light rail                |
| 1F15C | M | NEGATIVE CIRCLED LATIN CAPITAL LETTER M<br>= metro<br>→ 1F687 ㊂ metro                          |
| 1F15D | N | NEGATIVE CIRCLED LATIN CAPITAL LETTER N                                                        |
| 1F15E | O | NEGATIVE CIRCLED LATIN CAPITAL LETTER O                                                        |
| 1F15F | P | NEGATIVE CIRCLED LATIN CAPITAL LETTER P<br>= parking space (ARIB STD B24)                      |
| 1F160 | Q | NEGATIVE CIRCLED LATIN CAPITAL LETTER Q                                                        |
| 1F161 | R | NEGATIVE CIRCLED LATIN CAPITAL LETTER R<br>= Raststätte (rest stop)                            |
| 1F162 | S | NEGATIVE CIRCLED LATIN CAPITAL LETTER S<br>= Stadtbahn (metropolitan railway)                  |
| 1F163 | T | NEGATIVE CIRCLED LATIN CAPITAL LETTER T<br>= Tankstelle (petrol station)<br>→ 26FD ㊂ fuel pump |
| 1F164 | U | NEGATIVE CIRCLED LATIN CAPITAL LETTER U<br>= underground rail<br>→ 1F687 ㊂ metro               |
| 1F165 | V | NEGATIVE CIRCLED LATIN CAPITAL LETTER V                                                        |
| 1F166 | W | NEGATIVE CIRCLED LATIN CAPITAL LETTER W                                                        |



|       |  |                                         |
|-------|--|-----------------------------------------|
| 1F167 |  | NEGATIVE CIRCLED LATIN CAPITAL LETTER X |
| 1F168 |  | NEGATIVE CIRCLED LATIN CAPITAL LETTER Y |
| 1F169 |  | NEGATIVE CIRCLED LATIN CAPITAL LETTER Z |

**Raised squared Latin sequences**

|       |  |                                                                                                                                                                                                                            |
|-------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1F16A |  | RAISED MC SIGN<br>= marque de commerce<br>• used in Canada<br>→ 2122 <sup>TM</sup> trade mark sign<br>≈ <super> 004D <b>M</b> 0043 <b>C</b>                                                                                |
| 1F16B |  | RAISED MD SIGN<br>= marque déposée<br>• used in Canada<br>→ 00AE <sup>®</sup> registered sign<br>≈ <super> 004D <b>M</b> 0044 <b>D</b>                                                                                     |
| 1F16C |  | RAISED MR SIGN<br>= marca registrada<br>• used primarily in Spanish and Portuguese speaking communities to indicate a registered trademark<br>→ 00AE <sup>®</sup> registered sign<br>≈ <super> 004D <b>M</b> 0052 <b>R</b> |

**Creative Commons symbols**

|       |  |                                                                                |
|-------|--|--------------------------------------------------------------------------------|
| 1F16D |  | CIRCLED CC<br>= Creative Commons license<br>→ 229C <sup>⊖</sup> circled equals |
| 1F16E |  | CIRCLED C WITH OVERLAID BACKSLASH<br>= public domain                           |
| 1F16F |  | CIRCLED HUMAN FIGURE<br>= attribution, credit                                  |

**White on black squared Latin letters**

*The square edges may be slightly rounded.*

|       |  |                                                                                                      |
|-------|--|------------------------------------------------------------------------------------------------------|
| 1F170 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER A<br>= blood type A                                            |
| 1F171 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER B<br>= blood type B                                            |
| 1F172 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER C<br>= centre, city centre                                     |
| 1F173 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER D                                                              |
| 1F174 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER E                                                              |
| 1F175 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER F<br>= Feuerwache (fire department)                            |
| 1F176 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER G                                                              |
| 1F177 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER H<br>= Haltestelle (bus stop)<br>→ 1F68F <sup>Ⓜ</sup> bus stop |
| 1F178 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER I                                                              |
| 1F179 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER J<br>= junction (ARIB STD B24)                                 |
| 1F17A |  | NEGATIVE SQUARED LATIN CAPITAL LETTER K                                                              |
| 1F17B |  | NEGATIVE SQUARED LATIN CAPITAL LETTER L<br>= leisure center (ARIB STD B24)                           |
| 1F17C |  | NEGATIVE SQUARED LATIN CAPITAL LETTER M<br>= museum, cultural center (ARIB STD B24)                  |
| 1F17D |  | NEGATIVE SQUARED LATIN CAPITAL LETTER N                                                              |
| 1F17E |  | NEGATIVE SQUARED LATIN CAPITAL LETTER O<br>= blood type O                                            |
| 1F17F |  | NEGATIVE SQUARED LATIN CAPITAL LETTER P<br>= parking space empty-full (ARIB STD B24)                 |
| 1F180 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER Q                                                              |
| 1F181 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER R                                                              |
| 1F182 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER S                                                              |
| 1F183 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER T                                                              |

|       |  |                                                                                           |
|-------|--|-------------------------------------------------------------------------------------------|
| 1F184 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER U                                                   |
| 1F185 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER V                                                   |
| 1F186 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER W                                                   |
| 1F187 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER X                                                   |
| 1F188 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER Y                                                   |
| 1F189 |  | NEGATIVE SQUARED LATIN CAPITAL LETTER Z                                                   |
| 1F18A |  | CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P<br>= parking space closed                 |
| 1F18B |  | NEGATIVE SQUARED IC<br>= interchange, ramp                                                |
| 1F18C |  | NEGATIVE SQUARED PA<br>= parking area                                                     |
| 1F18D |  | NEGATIVE SQUARED SA<br>= service area                                                     |
| 1F18E |  | NEGATIVE SQUARED AB<br>= blood type AB                                                    |
| 1F18F |  | NEGATIVE SQUARED WC<br>= water closet, public toilet<br>→ 1F6BE <sup>🚻</sup> water closet |

**Squared Latin letter sequences**

|       |  |                                                                       |
|-------|--|-----------------------------------------------------------------------|
| 1F190 |  | SQUARED DJ<br>= disc jockey<br>≈ <square> 0044 <b>D</b> 004A <b>J</b> |
| 1F191 |  | SQUARED CL<br>= clear                                                 |
| 1F192 |  | SQUARED COOL                                                          |
| 1F193 |  | SQUARED FREE<br>= free postage                                        |
| 1F194 |  | SQUARED ID<br>= identification, ID                                    |
| 1F195 |  | SQUARED NEW                                                           |
| 1F196 |  | SQUARED NG<br>= no good                                               |
| 1F197 |  | SQUARED OK                                                            |
| 1F198 |  | SQUARED SOS<br>= search, hunt for missing person                      |
| 1F199 |  | SQUARED UP WITH EXCLAMATION MARK<br>= new information, update         |
| 1F19A |  | SQUARED VS<br>= versus                                                |

**Squared Latin letter sequences from ARIB STD B62**

|       |  |                                                                                      |
|-------|--|--------------------------------------------------------------------------------------|
| 1F19B |  | SQUARED THREE D                                                                      |
| 1F19C |  | SQUARED SECOND SCREEN                                                                |
| 1F19D |  | SQUARED TWO K                                                                        |
| 1F19E |  | SQUARED FOUR K                                                                       |
| 1F19F |  | SQUARED EIGHT K                                                                      |
| 1F1A0 |  | SQUARED FIVE POINT ONE<br>• denotes 5.1-channel surround sound                       |
| 1F1A1 |  | SQUARED SEVEN POINT ONE<br>• denotes 7.1-channel surround sound                      |
| 1F1A2 |  | SQUARED TWENTY-TWO POINT TWO<br>• denotes 22.2-channel surround sound                |
| 1F1A3 |  | SQUARED SIXTY P<br>• denotes 60Hz frame rate with progressive scanning               |
| 1F1A4 |  | SQUARED ONE HUNDRED TWENTY P<br>• denotes 120Hz frame rate with progressive scanning |
| 1F1A5 |  | SQUARED LATIN SMALL LETTER D<br>= data                                               |
| 1F1A6 |  | SQUARED HC<br>= hybrid cast                                                          |

|       |                                                                                   |                                        |
|-------|-----------------------------------------------------------------------------------|----------------------------------------|
| 1F1A7 |  | SQUARED HDR<br>= high dynamic range    |
| 1F1A8 |  | SQUARED HI-RES<br>= high resolution    |
| 1F1A9 |  | SQUARED LOSSLESS                       |
| 1F1AA |  | SQUARED SHV<br>= super high vision     |
| 1F1AB |  | SQUARED UHD<br>= ultra-high definition |
| 1F1AC |  | SQUARED VOD<br>= video on demand       |

**Miscellaneous symbol**

|       |                                                                                   |                                                                                                                             |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1F1AD |  | MASK WORK SYMBOL                                                                                                            |
|       |                                                                                   | <ul style="list-style-type: none"> <li>indicates intellectual property protection for integrated circuit layouts</li> </ul> |
|       |                                                                                   | → 00A9 © copyright sign                                                                                                     |
|       |                                                                                   | → 24C2  circled latin capital letter m     |

**Regional indicator symbols**

*These characters can be used in pairs to represent regional codes. In some emoji implementations, certain pairs may be recognized and displayed by alternate means; for instance, an implementation might recognize F + R and display this combination with a symbol representing the flag of France.*

|       |                                                                                     |                                    |
|-------|-------------------------------------------------------------------------------------|------------------------------------|
| 1F1E6 |    | REGIONAL INDICATOR SYMBOL LETTER A |
| 1F1E7 |    | REGIONAL INDICATOR SYMBOL LETTER B |
| 1F1E8 |   | REGIONAL INDICATOR SYMBOL LETTER C |
| 1F1E9 |  | REGIONAL INDICATOR SYMBOL LETTER D |
| 1F1EA |  | REGIONAL INDICATOR SYMBOL LETTER E |
| 1F1EB |  | REGIONAL INDICATOR SYMBOL LETTER F |
| 1F1EC |  | REGIONAL INDICATOR SYMBOL LETTER G |
| 1F1ED |  | REGIONAL INDICATOR SYMBOL LETTER H |
| 1F1EE |  | REGIONAL INDICATOR SYMBOL LETTER I |
| 1F1EF |  | REGIONAL INDICATOR SYMBOL LETTER J |
| 1F1F0 |  | REGIONAL INDICATOR SYMBOL LETTER K |
| 1F1F1 |  | REGIONAL INDICATOR SYMBOL LETTER L |
| 1F1F2 |  | REGIONAL INDICATOR SYMBOL LETTER M |
| 1F1F3 |  | REGIONAL INDICATOR SYMBOL LETTER N |
| 1F1F4 |  | REGIONAL INDICATOR SYMBOL LETTER O |
| 1F1F5 |  | REGIONAL INDICATOR SYMBOL LETTER P |
| 1F1F6 |  | REGIONAL INDICATOR SYMBOL LETTER Q |
| 1F1F7 |  | REGIONAL INDICATOR SYMBOL LETTER R |
| 1F1F8 |  | REGIONAL INDICATOR SYMBOL LETTER S |
| 1F1F9 |  | REGIONAL INDICATOR SYMBOL LETTER T |
| 1F1FA |  | REGIONAL INDICATOR SYMBOL LETTER U |
| 1F1FB |  | REGIONAL INDICATOR SYMBOL LETTER V |
| 1F1FC |  | REGIONAL INDICATOR SYMBOL LETTER W |
| 1F1FD |  | REGIONAL INDICATOR SYMBOL LETTER X |
| 1F1FE |  | REGIONAL INDICATOR SYMBOL LETTER Y |
| 1F1FF |  | REGIONAL INDICATOR SYMBOL LETTER Z |

|   | 1F20            | 1F21       | 1F22       | 1F23       | 1F24       | 1F25       | 1F26       | 1F27 | 1F28 | 1F29 | 1F2A | 1F2B | 1F2C | 1F2D | 1F2E | 1F2F |
|---|-----------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|------|------|
| 0 | ほ<br>か<br>1F200 | 手<br>1F210 | 初<br>1F220 | 走<br>1F230 | 本<br>1F240 | 得<br>1F250 | 福<br>1F260 |      |      |      |      |      |      |      |      |      |
| 1 | 𠄎<br>1F201      | 字<br>1F211 | 終<br>1F221 | 打<br>1F231 | 三<br>1F241 | 可<br>1F251 | 𠄎<br>1F261 |      |      |      |      |      |      |      |      |      |
| 2 | サ<br>1F202      | 双<br>1F212 | 生<br>1F222 | 禁<br>1F232 | 二<br>1F242 |            | 𠄎<br>1F262 |      |      |      |      |      |      |      |      |      |
| 3 |                 | 𠄎<br>1F213 | 販<br>1F223 | 空<br>1F233 | 安<br>1F243 |            | 𠄎<br>1F263 |      |      |      |      |      |      |      |      |      |
| 4 |                 | 二<br>1F214 | 声<br>1F224 | 合<br>1F234 | 点<br>1F244 |            | 𠄎<br>1F264 |      |      |      |      |      |      |      |      |      |
| 5 |                 | 多<br>1F215 | 吹<br>1F225 | 満<br>1F235 | 打<br>1F245 |            | 𠄎<br>1F265 |      |      |      |      |      |      |      |      |      |
| 6 |                 | 解<br>1F216 | 演<br>1F226 | 有<br>1F236 | 盗<br>1F246 |            |            |      |      |      |      |      |      |      |      |      |
| 7 |                 | 天<br>1F217 | 投<br>1F227 | 月<br>1F237 | 勝<br>1F247 |            |            |      |      |      |      |      |      |      |      |      |
| 8 |                 | 交<br>1F218 | 捕<br>1F228 | 申<br>1F238 | 敗<br>1F248 |            |            |      |      |      |      |      |      |      |      |      |
| 9 |                 | 映<br>1F219 | 一<br>1F229 | 割<br>1F239 |            |            |            |      |      |      |      |      |      |      |      |      |
| A |                 | 無<br>1F21A | 三<br>1F22A | 營<br>1F23A |            |            |            |      |      |      |      |      |      |      |      |      |
| B |                 | 料<br>1F21B | 遊<br>1F22B | 配<br>1F23B |            |            |            |      |      |      |      |      |      |      |      |      |
| C |                 | 前<br>1F21C | 左<br>1F22C |            |            |            |            |      |      |      |      |      |      |      |      |      |
| D |                 | 後<br>1F21D | 中<br>1F22D |            |            |            |            |      |      |      |      |      |      |      |      |      |
| E |                 | 再<br>1F21E | 右<br>1F22E |            |            |            |            |      |      |      |      |      |      |      |      |      |
| F |                 | 新<br>1F21F | 指<br>1F22F |            |            |            |            |      |      |      |      |      |      |      |      |      |

**Squared hiragana from ARIB STD B24**

1F200 ほ SQUARE HIRAGANA HOKA  
= and others  
≈ <square> 307B ほ 304B か

**Squared katakana**

1F201 コ SQUARE KATAKANA KOKO  
= here sign  
≈ <square> 30B3 コ 30B3 コ

1F202 サ SQUARE KATAKANA SA  
= service sign  
→ 32DA サ circled katakana sa  
≈ <square> 30B5 サ

**Squared ideographs and kana from ARIB STD B24**

1F210 手 SQUARE CJK UNIFIED IDEOGRAPH-624B  
= broadcasting service with sign language interpretation  
≈ <square> 624B 手

1F211 字 SQUARE CJK UNIFIED IDEOGRAPH-5B57  
= close-captioned broadcasting  
≈ <square> 5B57 字

1F212 双 SQUARE CJK UNIFIED IDEOGRAPH-53CC  
= two-way broadcasting service  
≈ <square> 53CC 双

1F213 デ SQUARE KATAKANA DE  
= data broadcasting service linked with a main program  
≈ <square> 30C7 デ

1F214 二 SQUARE CJK UNIFIED IDEOGRAPH-4E8C  
= bilingual broadcasting service  
= second base  
≈ <square> 4E8C 二

1F215 多 SQUARE CJK UNIFIED IDEOGRAPH-591A  
= sound-multiplex broadcasting service  
≈ <square> 591A 多

1F216 解 SQUARE CJK UNIFIED IDEOGRAPH-89E3  
= commentary broadcasting  
≈ <square> 89E3 解

1F217 天 SQUARE CJK UNIFIED IDEOGRAPH-5929  
= weather forecast  
≈ <square> 5929 天

1F218 交 SQUARE CJK UNIFIED IDEOGRAPH-4EA4  
= traffic information  
≈ <square> 4EA4 交

1F219 映 SQUARE CJK UNIFIED IDEOGRAPH-6620  
= drama film  
≈ <square> 6620 映

1F21A 無 SQUARE CJK UNIFIED IDEOGRAPH-7121  
= free broadcasting service  
= non-existence sign  
≈ <square> 7121 無

1F21B 料 SQUARE CJK UNIFIED IDEOGRAPH-6599  
= pay broadcasting service  
≈ <square> 6599 料

1F21C 前 SQUARE CJK UNIFIED IDEOGRAPH-524D  
= the first part  
≈ <square> 524D 前

1F21D 後 SQUARE CJK UNIFIED IDEOGRAPH-5F8C  
= the latter part  
≈ <square> 5F8C 後

1F21E 再 SQUARE CJK UNIFIED IDEOGRAPH-518D  
= rebroadcast  
≈ <square> 518D 再

1F21F 新 SQUARE CJK UNIFIED IDEOGRAPH-65B0  
= new series of programs  
≈ <square> 65B0 新

1F220 初 SQUARE CJK UNIFIED IDEOGRAPH-521D  
= first released program  
≈ <square> 521D 初

1F221 終 SQUARE CJK UNIFIED IDEOGRAPH-7D42  
= the last episode  
≈ <square> 7D42 終

1F222 生 SQUARE CJK UNIFIED IDEOGRAPH-751F  
= live broadcast  
≈ <square> 751F 生

1F223 販 SQUARE CJK UNIFIED IDEOGRAPH-8CA9  
= mail-order  
≈ <square> 8CA9 販

1F224 声 SQUARE CJK UNIFIED IDEOGRAPH-58F0  
= voice actors  
≈ <square> 58F0 声

1F225 吹 SQUARE CJK UNIFIED IDEOGRAPH-5439  
= dubbed version  
≈ <square> 5439 吹

1F226 演 SQUARE CJK UNIFIED IDEOGRAPH-6F14  
= performed by  
≈ <square> 6F14 演

1F227 投 SQUARE CJK UNIFIED IDEOGRAPH-6295  
= pitcher  
≈ <square> 6295 投

1F228 捕 SQUARE CJK UNIFIED IDEOGRAPH-6355  
= catcher  
≈ <square> 6355 捕

1F229 一 SQUARE CJK UNIFIED IDEOGRAPH-4E00  
= first base  
≈ <square> 4E00 一

1F22A 三 SQUARE CJK UNIFIED IDEOGRAPH-4E09  
= third base  
≈ <square> 4E09 三

1F22B 遊 SQUARE CJK UNIFIED IDEOGRAPH-904A  
= short stop  
≈ <square> 904A 遊

1F22C 左 SQUARE CJK UNIFIED IDEOGRAPH-5DE6  
= left field  
≈ <square> 5DE6 左

1F22D 中 SQUARE CJK UNIFIED IDEOGRAPH-4E2D  
= center field  
≈ <square> 4E2D 中

1F22E 右 SQUARE CJK UNIFIED IDEOGRAPH-53F3  
= right field  
≈ <square> 53F3 右

1F22F 指 SQUARE CJK UNIFIED IDEOGRAPH-6307  
= designated hitter  
= reserved sign  
≈ <square> 6307 指

1F230 走 SQUARE CJK UNIFIED IDEOGRAPH-8D70  
= runner  
≈ <square> 8D70 走

1F231 打 SQUARE CJK UNIFIED IDEOGRAPH-6253  
= batter  
≈ <square> 6253 打

**Squared ideographs**

1F232 禁 SQUARE CJK UNIFIED IDEOGRAPH-7981  
= prohibited sign  
≈ <square> 7981 禁

|       |   |                                                                                                                  |
|-------|---|------------------------------------------------------------------------------------------------------------------|
| 1F233 | 空 | SQUARED CJK UNIFIED IDEOGRAPH-7A7A<br>= empty sign<br>≈ <square> 7A7A 空                                          |
| 1F234 | 合 | SQUARED CJK UNIFIED IDEOGRAPH-5408<br>= passed sign<br>≈ <square> 5408 合                                         |
| 1F235 | 滿 | SQUARED CJK UNIFIED IDEOGRAPH-6E80<br>= full sign<br>≈ <square> 6E80 滿                                           |
| 1F236 | 有 | SQUARED CJK UNIFIED IDEOGRAPH-6709<br>= existence sign<br>→ 3292 (有) circled ideograph have<br>≈ <square> 6709 有 |
| 1F237 | 月 | SQUARED CJK UNIFIED IDEOGRAPH-6708<br>= monthly sign<br>→ 328A (月) circled ideograph moon<br>≈ <square> 6708 月   |
| 1F238 | 申 | SQUARED CJK UNIFIED IDEOGRAPH-7533<br>= application sign<br>≈ <square> 7533 申                                    |
| 1F239 | 割 | SQUARED CJK UNIFIED IDEOGRAPH-5272<br>= discount sign<br>≈ <square> 5272 割                                       |
| 1F23A | 營 | SQUARED CJK UNIFIED IDEOGRAPH-55B6<br>= in business sign<br>≈ <square> 55B6 營                                    |
| 1F23B | 配 | SQUARED CJK UNIFIED IDEOGRAPH-914D<br>= program delivery over network (ARIB STD B62)<br>≈ <square> 914D 配        |

#### Ideographs with tortoise shell brackets from ARIB STD B24

|       |   |                                                                                             |
|-------|---|---------------------------------------------------------------------------------------------|
| 1F240 | 本 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-672C<br>= home run<br>≈ 3014 [ 672C 本 3015 ] |
| 1F241 | 三 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E09<br>= triple<br>≈ 3014 [ 4E09 三 3015 ]   |
| 1F242 | 二 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E8C<br>= double<br>≈ 3014 [ 4E8C 二 3015 ]   |
| 1F243 | 安 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-5B89<br>= safe<br>≈ 3014 [ 5B89 安 3015 ]     |
| 1F244 | 点 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-70B9<br>= run<br>≈ 3014 [ 70B9 点 3015 ]      |
| 1F245 | 打 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6253<br>= hit<br>≈ 3014 [ 6253 打 3015 ]      |
| 1F246 | 盗 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-76D7<br>= steal<br>≈ 3014 [ 76D7 盗 3015 ]    |
| 1F247 | 勝 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-52DD<br>= win<br>≈ 3014 [ 52DD 勝 3015 ]      |

|       |   |                                                                                         |
|-------|---|-----------------------------------------------------------------------------------------|
| 1F248 | 敗 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6557<br>= loss<br>≈ 3014 [ 6557 敗 3015 ] |
|-------|---|-----------------------------------------------------------------------------------------|

#### Circled ideographs

|       |   |                                                                      |
|-------|---|----------------------------------------------------------------------|
| 1F250 | 得 | CIRCLED IDEOGRAPH ADVANTAGE<br>= advantage sign<br>≈ <circle> 5F97 得 |
| 1F251 | 可 | CIRCLED IDEOGRAPH ACCEPT<br>= accept sign<br>≈ <circle> 53EF 可       |

#### Symbols for Chinese folk religion

|       |   |                                                                                  |
|-------|---|----------------------------------------------------------------------------------|
| 1F260 | 福 | ROUNDED SYMBOL FOR FU<br>• luck<br>→ 798F 福                                      |
| 1F261 | 祿 | ROUNDED SYMBOL FOR LU<br>• prosperity<br>→ 797F 祿<br>→ 7984 祿                    |
| 1F262 | 壽 | ROUNDED SYMBOL FOR SHOU<br>• longevity<br>→ 58ED 壽<br>→ 58F9 寿                   |
| 1F263 | 喜 | ROUNDED SYMBOL FOR XI<br>• happiness<br>→ 559C 喜                                 |
| 1F264 | 囍 | ROUNDED SYMBOL FOR SHUANGXI<br>• double happiness, love and marriage<br>→ 56CD 囍 |
| 1F265 | 財 | ROUNDED SYMBOL FOR CAI<br>• wealth<br>→ 8CA1 財<br>→ 8D22 財                       |

|   | 1F68  | 1F69  | 1F6A  | 1F6B  | 1F6C  | 1F6D  | 1F6E  | 1F6F  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 1F680 | 1F690 | 1F6A0 | 1F6B0 | 1F6C0 | 1F6D0 | 1F6E0 | 1F6F0 |
| 1 | 1F681 | 1F691 | 1F6A1 | 1F6B1 | 1F6C1 | 1F6D1 | 1F6E1 | 1F6F1 |
| 2 | 1F682 | 1F692 | 1F6A2 | 1F6B2 | 1F6C2 | 1F6D2 | 1F6E2 | 1F6F2 |
| 3 | 1F683 | 1F693 | 1F6A3 | 1F6B3 | 1F6C3 | 1F6D3 | 1F6E3 | 1F6F3 |
| 4 | 1F684 | 1F694 | 1F6A4 | 1F6B4 | 1F6C4 | 1F6D4 | 1F6E4 | 1F6F4 |
| 5 | 1F685 | 1F695 | 1F6A5 | 1F6B5 | 1F6C5 | 1F6D5 | 1F6E5 | 1F6F5 |
| 6 | 1F686 | 1F696 | 1F6A6 | 1F6B6 | 1F6C6 | 1F6D6 | 1F6E6 | 1F6F6 |
| 7 | 1F687 | 1F697 | 1F6A7 | 1F6B7 | 1F6C7 | 1F6D7 | 1F6E7 | 1F6F7 |
| 8 | 1F688 | 1F698 | 1F6A8 | 1F6B8 | 1F6C8 | 1F6D8 | 1F6E8 | 1F6F8 |
| 9 | 1F689 | 1F699 | 1F6A9 | 1F6B9 | 1F6C9 | 1F6D9 | 1F6E9 | 1F6F9 |
| A | 1F68A | 1F69A | 1F6AA | 1F6BA | 1F6CA | 1F6DA | 1F6EA | 1F6FA |
| B | 1F68B | 1F69B | 1F6AB | 1F6BB | 1F6CB | 1F6DB | 1F6EB | 1F6FB |
| C | 1F68C | 1F69C | 1F6AC | 1F6BC | 1F6CC | 1F6DC | 1F6EC | 1F6FC |
| D | 1F68D | 1F69D | 1F6AD | 1F6BD | 1F6CD | 1F6DD | 1F6ED | 1F6FD |
| E | 1F68E | 1F69E | 1F6AE | 1F6BE | 1F6CE | 1F6DE | 1F6EE | 1F6FE |
| F | 1F68F | 1F69F | 1F6AF | 1F6BF | 1F6CF | 1F6DF | 1F6EF | 1F6FF |

**Vehicles**

|       |                                                                                     |                                                                                                                                                                                                                                                  |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1F680 |    | ROCKET<br>→ 1F66C  leftwards rocket                                                                                                                             |
| 1F681 |    | HELICOPTER<br>→ 2708  airplane                                                                                                                                  |
| 1F682 |    | STEAM LOCOMOTIVE<br>→ 1F6F2  diesel locomotive                                                                                                                  |
| 1F683 |    | RAILWAY CAR                                                                                                                                                                                                                                      |
| 1F684 |    | HIGH-SPEED TRAIN                                                                                                                                                                                                                                 |
| 1F685 |    | HIGH-SPEED TRAIN WITH BULLET NOSE                                                                                                                                                                                                                |
| 1F686 |    | TRAIN<br>= intercity train                                                                                                                                                                                                                       |
| 1F687 |    | METRO<br>= subway, underground train                                                                                                                                                                                                             |
| 1F688 |    | LIGHT RAIL                                                                                                                                                                                                                                       |
| 1F689 |    | STATION<br>= train, subway station                                                                                                                                                                                                               |
| 1F68A |    | TRAM                                                                                                                                                                                                                                             |
| 1F68B |    | TRAM CAR                                                                                                                                                                                                                                         |
| 1F68C |    | BUS                                                                                                                                                                                                                                              |
| 1F68D |    | ONCOMING BUS                                                                                                                                                                                                                                     |
| 1F68E |    | TROLLEYBUS                                                                                                                                                                                                                                       |
| 1F68F |    | BUS STOP                                                                                                                                                                                                                                         |
| 1F690 |    | MINIBUS                                                                                                                                                                                                                                          |
| 1F691 |    | AMBULANCE                                                                                                                                                                                                                                        |
| 1F692 |    | FIRE ENGINE<br>→ 1F6F1  oncoming fire engine                                                                                                                    |
| 1F693 |    | POLICE CAR                                                                                                                                                                                                                                       |
| 1F694 |   | ONCOMING POLICE CAR                                                                                                                                                                                                                              |
| 1F695 |  | TAXI                                                                                                                                                                                                                                             |
| 1F696 |  | ONCOMING TAXI                                                                                                                                                                                                                                    |
| 1F697 |  | AUTOMOBILE                                                                                                                                                                                                                                       |
| 1F698 |  | ONCOMING AUTOMOBILE                                                                                                                                                                                                                              |
| 1F699 |  | RECREATIONAL VEHICLE                                                                                                                                                                                                                             |
| 1F69A |  | DELIVERY TRUCK<br>→ 26DF  black truck                                                                                                                         |
| 1F69B |  | ARTICULATED LORRY                                                                                                                                                                                                                                |
| 1F69C |  | TRACTOR                                                                                                                                                                                                                                          |
| 1F69D |  | MONORAIL                                                                                                                                                                                                                                         |
| 1F69E |  | MOUNTAIN RAILWAY                                                                                                                                                                                                                                 |
| 1F69F |  | SUSPENSION RAILWAY                                                                                                                                                                                                                               |
| 1F6A0 |  | MOUNTAIN CABLEWAY                                                                                                                                                                                                                                |
| 1F6A1 |  | AERIAL TRAMWAY                                                                                                                                                                                                                                   |
| 1F6A2 |  | SHIP<br>= cruise line vacation<br>→ 26F4  ferry<br>→ 1F6F3  passenger ship |
| 1F6A3 |  | ROWBOAT<br>→ 26F5  sailboat                                                                                                                                   |
| 1F6A4 |  | SPEEDBOAT<br>→ 1F6E5  motor boat                                                                                                                              |

**Traffic signs**

|       |                                                                                     |                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1F6A5 |  | HORIZONTAL TRAFFIC LIGHT                                                                                                                                                                                                                  |
| 1F6A6 |  | VERTICAL TRAFFIC LIGHT                                                                                                                                                                                                                    |
| 1F6A7 |  | CONSTRUCTION SIGN<br>→ 26CF  pick<br>→ 1F3D7  building construction |
| 1F6A8 |  | POLICE CARS REVOLVING LIGHT<br>= rotating beacon                                                                                                                                                                                          |

**Signage and other symbols**

|       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                        |
|-------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1F6A9 |    | TRIANGULAR FLAG ON POST<br>= location information<br>→ 26F3  flag in hole<br>→ 1F3F1  white pennant                                                                                              |
| 1F6AA |    | DOOR                                                                                                                                                                                                                                                                                                                                                                   |
| 1F6AB |    | NO ENTRY SIGN<br>→ 20E0  combining enclosing circle backslash<br>→ 26D4  no entry<br>→ 1F6C7  prohibited sign |
| 1F6AC |    | SMOKING SYMBOL                                                                                                                                                                                                                                                                                                                                                         |
| 1F6AD |    | NO SMOKING SYMBOL                                                                                                                                                                                                                                                                                                                                                      |
| 1F6AE |    | PUT LITTER IN ITS PLACE SYMBOL                                                                                                                                                                                                                                                                                                                                         |
| 1F6AF |    | DO NOT LITTER SYMBOL                                                                                                                                                                                                                                                                                                                                                   |
| 1F6B0 |    | POTABLE WATER SYMBOL                                                                                                                                                                                                                                                                                                                                                   |
| 1F6B1 |    | NON-POTABLE WATER SYMBOL                                                                                                                                                                                                                                                                                                                                               |
| 1F6B2 |    | BICYCLE                                                                                                                                                                                                                                                                                                                                                                |
| 1F6B3 |    | NO BICYCLES                                                                                                                                                                                                                                                                                                                                                            |
| 1F6B4 |    | BICYCLIST                                                                                                                                                                                                                                                                                                                                                              |
| 1F6B5 |    | MOUNTAIN BICYCLIST                                                                                                                                                                                                                                                                                                                                                     |
| 1F6B6 |    | PEDESTRIAN<br>= walking                                                                                                                                                                                                                                                                                                                                                |
| 1F6B7 |    | NO PEDESTRIANS                                                                                                                                                                                                                                                                                                                                                         |
| 1F6B8 |    | CHILDREN CROSSING                                                                                                                                                                                                                                                                                                                                                      |
| 1F6B9 |    | MENS SYMBOL<br>= man symbol<br>= men's restroom<br>→ 1FBC5  stick figure                                                                                                                                                                                                            |
| 1F6BA |    | WOMENS SYMBOL<br>= woman symbol<br>= women's restroom<br>→ 1FBC9  stick figure with dress                                                                                                                                                                                          |
| 1F6BB |  | RESTROOM<br>= man and woman symbol with divider<br>= unisex restroom<br>→ 1F46B  man and woman holding hands                                                                                                                                                                      |
| 1F6BC |  | BABY SYMBOL<br>= baby on board, baby changing station                                                                                                                                                                                                                                                                                                                  |
| 1F6BD |  | TOILET                                                                                                                                                                                                                                                                                                                                                                 |
| 1F6BE |  | WATER CLOSET<br>→ 1F14F  squared wc<br>→ 1F18F  negative squared wc                                                                                                                          |
| 1F6BF |  | SHOWER                                                                                                                                                                                                                                                                                                                                                                 |
| 1F6C0 |  | BATH                                                                                                                                                                                                                                                                                                                                                                   |
| 1F6C1 |  | BATHTUB                                                                                                                                                                                                                                                                                                                                                                |
| 1F6C2 |  | PASSPORT CONTROL                                                                                                                                                                                                                                                                                                                                                       |
| 1F6C3 |  | CUSTOMS                                                                                                                                                                                                                                                                                                                                                                |
| 1F6C4 |  | BAGGAGE CLAIM                                                                                                                                                                                                                                                                                                                                                          |
| 1F6C5 |  | LEFT LUGGAGE                                                                                                                                                                                                                                                                                                                                                           |
| 1F6C6 |  | TRIANGLE WITH ROUNDED CORNERS<br>= caution<br>→ 25B3  white up-pointing triangle                                                                                                                                                                                                  |
| 1F6C7 |  | PROHIBITED SIGN<br>→ 20E0  combining enclosing circle backslash<br>→ 1F6AB  no entry sign                                                                                                    |
| 1F6C8 |  | CIRCLED INFORMATION SOURCE<br>= information<br>→ 2139  information source                                                                                                                                                                                                         |
| 1F6C9 |  | BOYS SYMBOL                                                                                                                                                                                                                                                                                                                                                            |
| 1F6CA |  | GIRLS SYMBOL                                                                                                                                                                                                                                                                                                                                                           |



**Accommodation symbols**

*These symbols constitute a set along with 1F378 for lounge.*

- 1F6CB  COUCH AND LAMP  
= furniture, lifestyles
- 1F6CC  SLEEPING ACCOMMODATION  
= hotel, guestrooms  
→ 1F3E8  hotel
- 1F6CD  SHOPPING BAGS  
= shopping
- 1F6CE  BELLHOP BELL  
= reception, services
- 1F6CF  BED

**Signage and other symbols**

- 1F6D0  PLACE OF WORSHIP
- 1F6D1  OCTAGONAL SIGN  
= stop sign  
• may contain text indicating stop  
→ 26A0  warning sign  
→ 26DB  heavy white down-pointing triangle  
→ 2BC3  horizontal black octagon
- 1F6D2  SHOPPING TROLLEY  
= shopping cart

**Map symbols**

- 1F6D3  STUPA
- 1F6D4  PAGODA
- 1F6D5  HINDU TEMPLE
- 1F6D6  HUT
- 1F6D7  ELEVATOR

**Miscellaneous symbols**

- 1F6DC  WIRELESS
- 1F6DD  PLAYGROUND SLIDE
- 1F6DE  WHEEL
- 1F6DF  RING BUOY
- 1F6E0  HAMMER AND WRENCH  
= tools, repair facility  
→ 2692  hammer and pick
- 1F6E1  SHIELD  
= US road interstate highway
- 1F6E2  OIL DRUM  
= commodities
- 1F6E3  MOTORWAY
- 1F6E4  RAILWAY TRACK  
= railroad

**Vehicles**

- 1F6E5  MOTOR BOAT  
= boat  
→ 1F6A4  speedboat
- 1F6E6  UP-POINTING MILITARY AIRPLANE  
= military airport
- 1F6E7  UP-POINTING AIRPLANE  
= commercial airport  
→ 2708  airplane
- 1F6E8  UP-POINTING SMALL AIRPLANE  
= airfield
- 1F6E9  SMALL AIRPLANE
- 1F6EA  NORTHEAST-POINTING AIRPLANE
- 1F6EB  AIRPLANE DEPARTURE  
= departures
- 1F6EC  AIRPLANE ARRIVING  
= arrivals
- 1F6ED  <reserved>

- 1F6EE  <reserved>
- 1F6EF  <reserved>
- 1F6F0  SATELLITE
- 1F6F1  ONCOMING FIRE ENGINE  
= fire  
→ 1F692  fire engine
- 1F6F2  DIESEL LOCOMOTIVE  
= train  
→ 1F682  steam locomotive  
→ 1F686  train
- 1F6F3  PASSENGER SHIP  
= cruise line vacation  
→ 1F6A2  ship
- 1F6F4  SCOOTER
- 1F6F5  MOTOR SCOOTER
- 1F6F6  CANOE
- 1F6F7  SLED  
= sledge, toboggan
- 1F6F8  FLYING SAUCER  
= UFO  
→ 1F47D  extraterrestrial alien
- 1F6F9  SKATEBOARD
- 1F6FA  AUTO RICKSHAW  
= tuk-tuk, remorque
- 1F6FB  PICKUP TRUCK
- 1F6FC  ROLLER SKATE

|   | 1F70                                                                                         | 1F71                                                                                         | 1F72                                                                                         | 1F73                                                                                         | 1F74                                                                                         | 1F75                                                                                         | 1F76                                                                                           | 1F77                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>1F700   | <br>1F710   | <br>1F720   | <br>1F730   | <br>1F740   | <br>1F750   | <br>1F760   | <br>1F770   |
| 1 | <br>1F701   | <br>1F711   | <br>1F721   | <br>1F731   | <br>1F741   | <br>1F751   | <br>1F761   | <br>1F771   |
| 2 | <br>1F702   | <br>1F712   | <br>1F722   | <br>1F732   | <br>1F742   | <br>1F752   | <br>1F762   | <br>1F772   |
| 3 | <br>1F703   | <br>1F713   | <br>1F723   | <br>1F733   | <br>1F743   | <br>1F753   | <br>1F763   | <br>1F773   |
| 4 | <br>1F704   | <br>1F714   | <br>1F724   | <br>1F734   | <br>1F744   | <br>1F754   | <br>1F764   | <br>1F774   |
| 5 | <br>1F705   | <br>1F715   | <br>1F725   | <br>1F735   | <br>1F745   | <br>1F755   | <br>1F765   | <br>1F775   |
| 6 | <br>1F706 | <br>1F716 | <br>1F726 | <br>1F736 | <br>1F746 | <br>1F756 | <br>1F766 | <br>1F776 |
| 7 | <br>1F707 | <br>1F717 | <br>1F727 | <br>1F737 | <br>1F747 | <br>1F757 | <br>1F767 |                                                                                                |
| 8 | <br>1F708 | <br>1F718 | <br>1F728 | <br>1F738 | <br>1F748 | <br>1F758 | <br>1F768 |                                                                                                |
| 9 | <br>1F709 | <br>1F719 | <br>1F729 | <br>1F739 | <br>1F749 | <br>1F759 | <br>1F769 |                                                                                                |
| A | <br>1F70A | <br>1F71A | <br>1F72A | <br>1F73A | <br>1F74A | <br>1F75A | <br>1F76A |                                                                                                |
| B | <br>1F70B | <br>1F71B | <br>1F72B | <br>1F73B | <br>1F74B | <br>1F75B | <br>1F76B | <br>1F77B |
| C | <br>1F70C | <br>1F71C | <br>1F72C | <br>1F73C | <br>1F74C | <br>1F75C | <br>1F76C | <br>1F77C |
| D | <br>1F70D | <br>1F71D | <br>1F72D | <br>1F73D | <br>1F74D | <br>1F75D | <br>1F76D | <br>1F77D |
| E | <br>1F70E | <br>1F71E | <br>1F72E | <br>1F73E | <br>1F74E | <br>1F75E | <br>1F76E | <br>1F77E |
| F | <br>1F70F | <br>1F71F | <br>1F72F | <br>1F73F | <br>1F74F | <br>1F75F | <br>1F76F | <br>1F77F |

**Symbols for Aristotelian elements**

- 1F700  ALCHEMICAL SYMBOL FOR QUINTESSENCE  
 1F701  ALCHEMICAL SYMBOL FOR AIR  
 1F702  ALCHEMICAL SYMBOL FOR FIRE  
 → 25B3  white up-pointing triangle  
 1F703  ALCHEMICAL SYMBOL FOR EARTH  
 → 2641  earth  
 1F704  ALCHEMICAL SYMBOL FOR WATER  
 → 25BD  white down-pointing triangle

**Symbols for important solvents**

- 1F705  ALCHEMICAL SYMBOL FOR AQUAFORTIS  
 1F706  ALCHEMICAL SYMBOL FOR AQUA REGIA  
 1F707  ALCHEMICAL SYMBOL FOR AQUA REGIA-2  
 = balneum arenae (sand bath), lapis armenus (Armenian stone)  
 1F708  ALCHEMICAL SYMBOL FOR AQUA VITAE  
 = spiritus vini  
 1F709  ALCHEMICAL SYMBOL FOR AQUA VITAE-2  
 1F70A  ALCHEMICAL SYMBOL FOR VINEGAR  
 = crucible; acid; distill; atrament; vitriol; red sulfur; borax; wine; alkali salt; mercurius vivus, quick silver  
 → 2629  cross of jerusalem  
 1F70B  ALCHEMICAL SYMBOL FOR VINEGAR-2  
 = distilled vinegar  
 1F70C  ALCHEMICAL SYMBOL FOR VINEGAR-3

**Symbols for sulfur and mercury**

- 1F70D  ALCHEMICAL SYMBOL FOR SULFUR  
 = brimstone  
 1F70E  ALCHEMICAL SYMBOL FOR PHILOSOPHERS SULFUR  
 1F70F  ALCHEMICAL SYMBOL FOR BLACK SULFUR  
 = sulfur nigra, dye  
 1F710  ALCHEMICAL SYMBOL FOR MERCURY  
 = mercurius  
 → 263F  mercury  
 → 1F75E  alchemical symbol for sublimation  
 1F711  ALCHEMICAL SYMBOL FOR MERCURY  
 = mercurius sublimatus-2  
 1F712  ALCHEMICAL SYMBOL FOR MERCURY  
 = mercurius sublimatus-3  
 1F713  ALCHEMICAL SYMBOL FOR CINNABAR

**Symbols for salt, vitriol, and nitre**

- 1F714  ALCHEMICAL SYMBOL FOR SALT  
 → 25A1  white square  
 → 2296  circled minus  
 1F715  ALCHEMICAL SYMBOL FOR NITRE  
 → 29B6  circled vertical bar  
 1F716  ALCHEMICAL SYMBOL FOR VITRIOL  
 1F717  ALCHEMICAL SYMBOL FOR VITRIOL-2  
 1F718  ALCHEMICAL SYMBOL FOR ROCK SALT  
 = sal gemmae  
 1F719  ALCHEMICAL SYMBOL FOR ROCK SALT-2

**Symbols for gold and silver**

- 1F71A  ALCHEMICAL SYMBOL FOR GOLD  
 → 2609  sun  
 1F71B  ALCHEMICAL SYMBOL FOR SILVER  
 → 263D  first quarter moon  
 → 263E  last quarter moon

**Symbols for iron, iron ore and derivatives**

- 1F71C  ALCHEMICAL SYMBOL FOR IRON ORE  
 → 2642  male sign  
 1F71D  ALCHEMICAL SYMBOL FOR IRON ORE-2  
 1F71E  ALCHEMICAL SYMBOL FOR CROCUS OF IRON  
 = crocus martis, red or yellow calcined powder of iron  
 1F71F  ALCHEMICAL SYMBOL FOR REGULUS OF IRON  
 = regulus martis, scoria from refining stibnite/antimony with iron

**Symbols for copper, copper ore and derivatives**

- 1F720  ALCHEMICAL SYMBOL FOR COPPER ORE  
 → 2640  female sign  
 1F721  ALCHEMICAL SYMBOL FOR IRON-COPPER ORE  
 → 26A5  male and female sign  
 1F722  ALCHEMICAL SYMBOL FOR SUBLIMATE OF COPPER  
 → 1F739  alchemical symbol for sal-ammoniac  
 1F723  ALCHEMICAL SYMBOL FOR CROCUS OF COPPER  
 = crocus veneris, aes ustum  
 1F724  ALCHEMICAL SYMBOL FOR CROCUS OF COPPER-2  
 1F725  ALCHEMICAL SYMBOL FOR COPPER ANTIMONIOTE  
 = crocus of copper, crocus veneris, lapis haematites  
 → 2641  earth  
 1F726  ALCHEMICAL SYMBOL FOR SALT OF COPPER  
 = sal copri  
 1F727  ALCHEMICAL SYMBOL FOR SUBLIMATE OF SALT OF COPPER  
 → 1F714  alchemical symbol for salt  
 → 1F739  alchemical symbol for sal-ammoniac  
 1F728  ALCHEMICAL SYMBOL FOR VERDIGRIS  
 = aes viride, copper subacetate  
 = astronomical symbol for earth  
 → 2295  circled plus  
 → 2641  earth

**Symbols for tin and lead ore**

- 1F729  ALCHEMICAL SYMBOL FOR TIN ORE  
 → 2643  jupiter  
 1F72A  ALCHEMICAL SYMBOL FOR LEAD ORE  
 → 2644  saturn

**Symbols for antimony, antimony ore and derivatives**

- 1F72B  ALCHEMICAL SYMBOL FOR ANTIMONY ORE  
 = stibnite  
 → 2641  earth  
 1F72C  ALCHEMICAL SYMBOL FOR SUBLIMATE OF ANTIMONY  
 → 1F739  alchemical symbol for sal-ammoniac  
 1F72D  ALCHEMICAL SYMBOL FOR SALT OF ANTIMONY  
 = cinnabar  
 → 1F714  alchemical symbol for salt  
 1F72E  ALCHEMICAL SYMBOL FOR SUBLIMATE OF SALT OF ANTIMONY  
 1F72F  ALCHEMICAL SYMBOL FOR VINEGAR OF ANTIMONY

|                                     |  |                                                                                                                                      |
|-------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|
| 1F730                               |  | ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY<br>= antimony metal                                                                        |
| 1F731                               |  | ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2                                                                                          |
| 1F732                               |  | ALCHEMICAL SYMBOL FOR REGULUS                                                                                                        |
| 1F733                               |  | ALCHEMICAL SYMBOL FOR REGULUS-2                                                                                                      |
| 1F734                               |  | ALCHEMICAL SYMBOL FOR REGULUS-3                                                                                                      |
| 1F735                               |  | ALCHEMICAL SYMBOL FOR REGULUS-4                                                                                                      |
| <b>Symbols for other substances</b> |  |                                                                                                                                      |
| 1F736                               |  | ALCHEMICAL SYMBOL FOR ALKALI<br>= sal alkali                                                                                         |
| 1F737                               |  | ALCHEMICAL SYMBOL FOR ALKALI-2                                                                                                       |
| 1F738                               |  | ALCHEMICAL SYMBOL FOR MARCASITE<br>= iron pyrite, iron sulfide                                                                       |
| 1F739                               |  | ALCHEMICAL SYMBOL FOR SAL-AMMONIAC<br>= ammonium chloride<br>→ 002A * asterisk<br>→ 26B9 * sextile<br>→ 2733 * eight spoked asterisk |
| 1F73A                               |  | ALCHEMICAL SYMBOL FOR ARSENIC<br>→ 29DF  double-ended multimap                                                                       |
| 1F73B                               |  | ALCHEMICAL SYMBOL FOR REALGAR<br>= arsenic sulfide                                                                                   |
| 1F73C                               |  | ALCHEMICAL SYMBOL FOR REALGAR-2<br>= arsenic sulfide                                                                                 |
| 1F73D                               |  | ALCHEMICAL SYMBOL FOR AURIPIGMENT<br>= orpiment<br>= arsenic trisulfide                                                              |
| 1F73E                               |  | ALCHEMICAL SYMBOL FOR BISMUTH ORE<br>= tinglass<br>→ 2646  neptune                                                                   |
| 1F73F                               |  | ALCHEMICAL SYMBOL FOR TARTAR<br>= impure potassium tartrate                                                                          |
| 1F740                               |  | ALCHEMICAL SYMBOL FOR TARTAR-2<br>= impure potassium tartrate                                                                        |
| 1F741                               |  | ALCHEMICAL SYMBOL FOR QUICK LIME<br>= calx viva<br>= calcium oxide                                                                   |
| 1F742                               |  | ALCHEMICAL SYMBOL FOR BORAX                                                                                                          |
| 1F743                               |  | ALCHEMICAL SYMBOL FOR BORAX-2                                                                                                        |
| 1F744                               |  | ALCHEMICAL SYMBOL FOR BORAX-3                                                                                                        |
| 1F745                               |  | ALCHEMICAL SYMBOL FOR ALUM                                                                                                           |
| 1F746                               |  | ALCHEMICAL SYMBOL FOR OIL<br>→ 0F1C  tibetan sign rdel dkar gsum                                                                     |
| 1F747                               |  | ALCHEMICAL SYMBOL FOR SPIRIT                                                                                                         |
| 1F748                               |  | ALCHEMICAL SYMBOL FOR TINCTURE                                                                                                       |
| 1F749                               |  | ALCHEMICAL SYMBOL FOR GUM                                                                                                            |
| 1F74A                               |  | ALCHEMICAL SYMBOL FOR WAX<br>= cera                                                                                                  |
| 1F74B                               |  | ALCHEMICAL SYMBOL FOR POWDER<br>= pulvis                                                                                             |
| 1F74C                               |  | ALCHEMICAL SYMBOL FOR CALX<br>= calcinare<br>= oxide residue, calcium oxide                                                          |
| 1F74D                               |  | ALCHEMICAL SYMBOL FOR TUTTY<br>= tutia, crude zinc oxide sublimate<br>= aes viride                                                   |
| 1F74E                               |  | ALCHEMICAL SYMBOL FOR CAPUT MORTUUM<br>= worthless residue of sublimation or distillation                                            |
| 1F74F                               |  | ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE                                                                                                |
| 1F750                               |  | ALCHEMICAL SYMBOL FOR CADUCEUS<br>→ 2624  caduceus                                                                                   |
| 1F751                               |  | ALCHEMICAL SYMBOL FOR TRIDENT                                                                                                        |

|       |  |                                                                               |
|-------|--|-------------------------------------------------------------------------------|
| 1F752 |  | ALCHEMICAL SYMBOL FOR STARRED TRIDENT                                         |
| 1F753 |  | ALCHEMICAL SYMBOL FOR LODESTONE<br>= magnes                                   |
| 1F754 |  | ALCHEMICAL SYMBOL FOR SOAP<br>→ 25CA  lozenge<br>→ 2B26  white medium diamond |
| 1F755 |  | ALCHEMICAL SYMBOL FOR URINE<br>→ 22A1  squared dot operator                   |
| 1F756 |  | ALCHEMICAL SYMBOL FOR HORSE DUNG<br>= fimus equinus                           |
| 1F757 |  | ALCHEMICAL SYMBOL FOR ASHES<br>= cineres                                      |
| 1F758 |  | ALCHEMICAL SYMBOL FOR POT ASHES<br>= cineres clavellati, alumen               |
| 1F759 |  | ALCHEMICAL SYMBOL FOR BRICK                                                   |
| 1F75A |  | ALCHEMICAL SYMBOL FOR POWDERED BRICK<br>= later cibratus, farina laterum      |
| 1F75B |  | ALCHEMICAL SYMBOL FOR AMALGAM                                                 |
| 1F75C |  | ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM                                   |
| 1F75D |  | ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2                                 |

**Processes**

|       |  |                                                                              |
|-------|--|------------------------------------------------------------------------------|
| 1F75E |  | ALCHEMICAL SYMBOL FOR SUBLIMATION<br>→ 260A  ascending node<br>→ 264E  libra |
| 1F75F |  | ALCHEMICAL SYMBOL FOR PRECIPITATE                                            |
| 1F760 |  | ALCHEMICAL SYMBOL FOR DISTILL<br>= sublimate                                 |
| 1F761 |  | ALCHEMICAL SYMBOL FOR DISSOLVE                                               |
| 1F762 |  | ALCHEMICAL SYMBOL FOR DISSOLVE-2<br>= water, aqua                            |
| 1F763 |  | ALCHEMICAL SYMBOL FOR PURIFY<br>→ 260B  descending node                      |
| 1F764 |  | ALCHEMICAL SYMBOL FOR PUTREFACTION                                           |

**Apparatus**

|       |  |                                                                                        |
|-------|--|----------------------------------------------------------------------------------------|
| 1F765 |  | ALCHEMICAL SYMBOL FOR CRUCIBLE<br>= tigellum<br>→ 1F70A  alchemical symbol for vinegar |
| 1F766 |  | ALCHEMICAL SYMBOL FOR CRUCIBLE-2                                                       |
| 1F767 |  | ALCHEMICAL SYMBOL FOR CRUCIBLE-3                                                       |
| 1F768 |  | ALCHEMICAL SYMBOL FOR CRUCIBLE-4<br>→ 22A4 T down tack                                 |
| 1F769 |  | ALCHEMICAL SYMBOL FOR CRUCIBLE-5                                                       |
| 1F76A |  | ALCHEMICAL SYMBOL FOR ALEMBIC                                                          |
| 1F76B |  | ALCHEMICAL SYMBOL FOR BATH OF MARY<br>= balneum mariae                                 |
| 1F76C |  | ALCHEMICAL SYMBOL FOR BATH OF VAPOURS<br>= balneum vaporis                             |
| 1F76D |  | ALCHEMICAL SYMBOL FOR RETORT<br>→ 2697  alembic                                        |

**Time**

|       |  |                                                                  |
|-------|--|------------------------------------------------------------------|
| 1F76E |  | ALCHEMICAL SYMBOL FOR HOUR<br>→ 231B  hourglass                  |
| 1F76F |  | ALCHEMICAL SYMBOL FOR NIGHT                                      |
| 1F770 |  | ALCHEMICAL SYMBOL FOR DAY-NIGHT                                  |
| 1F771 |  | ALCHEMICAL SYMBOL FOR MONTH<br>= mensis<br>→ 22A0  squared times |

**Measures**

- 1F772 𐆢 ALCHEMICAL SYMBOL FOR HALF DRAM  
= drachma semis  
• handwritten ligature of 0292 𐆢 + 00DF 𐆢,  
typically spelled out as 3ss  
→ 0292 𐆢 latin small letter ezh
- 1F773 𐆣 ALCHEMICAL SYMBOL FOR HALF OUNCE  
= uncia semis  
• handwritten ligature of 2125 𐆣 + 00DF 𐆢,  
typically spelled out as 2125 𐆣 ss  
→ 2125 𐆣 ounce sign

**Other symbol**

- 1F774 𐆤 LOT OF FORTUNE  
= pars fortunae  
→ 2297 𐆤 circled times

**Eclipse symbols**

- 1F775 𐆥 OCCULTATION  
→ 260C 𐆥 conjunction
- 1F776 𐆦 LUNAR ECLIPSE  
→ 260D 𐆦 opposition

**Symbols for dwarf planets**

- 1F77B 𐆧 HAUMEA
- 1F77C 𐆨 MAKEMAKE
- 1F77D 𐆩 GONGGONG
- 1F77E 𐆪 QUAOAR
- 1F77F 𐆫 ORCUS

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|   | 1F78                                                                                         | 1F79                                                                                         | 1F7A                                                                                         | 1F7B                                                                                         | 1F7C                                                                                         | 1F7D                                                                                         | 1F7E                                                                                          | 1F7F                                                                                         |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 0 | <br>1F780   | <br>1F790   | <br>1F7A0   | <br>1F7B0   | <br>1F7C0   | <br>1F7D0   | <br>1F7E0   | <br>1F7F0 |
| 1 | <br>1F781   | <br>1F791   | <br>1F7A1   | <br>1F7B1   | <br>1F7C1   | <br>1F7D1   | <br>1F7E1   |                                                                                              |
| 2 | <br>1F782   | <br>1F792   | <br>1F7A2   | <br>1F7B2   | <br>1F7C2   | <br>1F7D2   | <br>1F7E2   |                                                                                              |
| 3 | <br>1F783   | <br>1F793   | <br>1F7A3   | <br>1F7B3   | <br>1F7C3   | <br>1F7D3   | <br>1F7E3   |                                                                                              |
| 4 | <br>1F784   | <br>1F794   | <br>1F7A4   | <br>1F7B4   | <br>1F7C4   | <br>1F7D4   | <br>1F7E4   |                                                                                              |
| 5 | <br>1F785   | <br>1F795   | <br>1F7A5   | <br>1F7B5   | <br>1F7C5   | <br>1F7D5   | <br>1F7E5   |                                                                                              |
| 6 | <br>1F786  | <br>1F796  | <br>1F7A6  | <br>1F7B6  | <br>1F7C6  | <br>1F7D6  | <br>1F7E6  |                                                                                              |
| 7 | <br>1F787 | <br>1F797 | <br>1F7A7 | <br>1F7B7 | <br>1F7C7 | <br>1F7D7 | <br>1F7E7 |                                                                                              |
| 8 | <br>1F788 | <br>1F798 | <br>1F7A8 | <br>1F7B8 | <br>1F7C8 | <br>1F7D8 | <br>1F7E8 |                                                                                              |
| 9 | <br>1F789 | <br>1F799 | <br>1F7A9 | <br>1F7B9 | <br>1F7C9 | <br>1F7D9 | <br>1F7E9 |                                                                                              |
| A | <br>1F78A | <br>1F79A | <br>1F7AA | <br>1F7BA | <br>1F7CA |                                                                                              | <br>1F7EA |                                                                                              |
| B | <br>1F78B | <br>1F79B | <br>1F7AB | <br>1F7BB | <br>1F7CB |                                                                                              | <br>1F7EB |                                                                                              |
| C | <br>1F78C | <br>1F79C | <br>1F7AC | <br>1F7BC | <br>1F7CC |                                                                                              |                                                                                               |                                                                                              |
| D | <br>1F78D | <br>1F79D | <br>1F7AD | <br>1F7BD | <br>1F7CD |                                                                                              |                                                                                               |                                                                                              |
| E | <br>1F78E | <br>1F79E | <br>1F7AE | <br>1F7BE | <br>1F7CE |                                                                                              |                                                                                               |                                                                                              |
| F | <br>1F78F | <br>1F79F | <br>1F7AF | <br>1F7BF | <br>1F7CF |                                                                                              |                                                                                               |                                                                                              |

*These geometric shapes originate from the Webdings/Wingdings collections.*

### Isosceles right triangles

- 1F780 ◀ BLACK LEFT-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F4 ◀ black medium left-pointing triangle
- 1F781 ▲ BLACK UP-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F6 ▲ black medium up-pointing triangle
- 1F782 ▶ BLACK RIGHT-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F5 ▶ black medium right-pointing triangle
- 1F783 ▼ BLACK DOWN-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F7 ▼ black medium down-pointing triangle

### Black circles

*Constitute a set as follows: 22C5, 2219, 1F784, 2022, 2981, 26AB, 25CF, and 2B24*

- 1F784 • BLACK SLIGHTLY SMALL CIRCLE

### White circles

*Adjective refers to the thickness of the ring.*

*Constitute a set as follows: 25CB, 2B58, 1F785-1F789*

- 1F785 ○ MEDIUM BOLD WHITE CIRCLE  
→ 26AA ○ medium white circle
- 1F786 ● BOLD WHITE CIRCLE
- 1F787 ● HEAVY WHITE CIRCLE
- 1F788 ● VERY HEAVY WHITE CIRCLE
- 1F789 ● EXTREMELY HEAVY WHITE CIRCLE

### White circles containing another black circle

*Constitute a set as follows: 2299, 1F78A, and 29BF*

- 1F78A ⊙ WHITE CIRCLE CONTAINING BLACK SMALL CIRCLE

### Target symbol

- 1F78B ◎ ROUND TARGET  
→ 25CE ◎ bullseye  
→ 29BE ⊙ circled white bullet  
→ 2B57 ⊙ heavy circle with circle inside

### Black squares

*Constitute a set as follows: 1F78C, 2B1D, 1F78D, 25AA, 25FE, 25FC, 25A0, and 2B1B*

- 1F78C ▪ BLACK TINY SQUARE
- 1F78D ▪ BLACK SLIGHTLY SMALL SQUARE

### White squares

*Constitute a set as follows: 25A1, 1F78E-1F793*

- 1F78E □ LIGHT WHITE SQUARE
- 1F78F □ MEDIUM WHITE SQUARE
- 1F790 □ BOLD WHITE SQUARE  
= heavy white square
- 1F791 ■ HEAVY WHITE SQUARE
- 1F792 ■ VERY HEAVY WHITE SQUARE
- 1F793 ■ EXTREMELY HEAVY WHITE SQUARE

### White squares containing another black square

*Constitute a set as follows: 1F794, 25A3, and 1F795*

- 1F794 ▣ WHITE SQUARE CONTAINING BLACK VERY SMALL SQUARE

- 1F795 ▣ WHITE SQUARE CONTAINING BLACK MEDIUM SQUARE

### Target symbol

- 1F796 □ SQUARE TARGET

### Black diamonds

*Constitute a set as follows: 1F797, 1F798, 2B29, 1F799, 2B25, and 25C6*

- 1F797 • BLACK TINY DIAMOND
- 1F798 • BLACK VERY SMALL DIAMOND
- 1F799 ♦ BLACK MEDIUM SMALL DIAMOND

### White diamonds containing another black diamond

*Constitute a set as follows: 1F79A, 25C8, and 1F79B*

- 1F79A ◇ WHITE DIAMOND CONTAINING BLACK VERY SMALL DIAMOND
- 1F79B ◇ WHITE DIAMOND CONTAINING BLACK MEDIUM DIAMOND

### Target symbol

- 1F79C ◇ DIAMOND TARGET

### Black lozenges

*Constitute a set as follows: 1F79D, 1F79E, 2B2A, 1F79F, 2B27, and 29EB*

- 1F79D • BLACK TINY LOZENGE
- 1F79E • BLACK VERY SMALL LOZENGE
- 1F79F ♦ BLACK MEDIUM SMALL LOZENGE

### White lozenge containing another black lozenge

- 1F7A0 ◇ WHITE LOZENGE CONTAINING BLACK SMALL LOZENGE

### Greek crosses

- 1F7A1 + THIN GREEK CROSS
- 1F7A2 + LIGHT GREEK CROSS
- 1F7A3 + MEDIUM GREEK CROSS
- 1F7A4 + BOLD GREEK CROSS
- 1F7A5 + VERY BOLD GREEK CROSS  
→ 271A + heavy greek cross
- 1F7A6 + VERY HEAVY GREEK CROSS
- 1F7A7 + EXTREMELY HEAVY GREEK CROSS

### Saltires

- 1F7A8 × THIN SALTIRE  
→ 2715 × multiplication x
- 1F7A9 × LIGHT SALTIRE  
→ 2613 X saltire
- 1F7AA × MEDIUM SALTIRE
- 1F7AB × BOLD SALTIRE
- 1F7AC × HEAVY SALTIRE
- 1F7AD × VERY HEAVY SALTIRE
- 1F7AE × EXTREMELY HEAVY SALTIRE  
→ 2716 × heavy multiplication x

### Five spoked asterisks

- 1F7AF ☆ LIGHT FIVE SPOKED ASTERISK
- 1F7B0 ☆ MEDIUM FIVE SPOKED ASTERISK
- 1F7B1 ☆ BOLD FIVE SPOKED ASTERISK
- 1F7B2 ☆ HEAVY FIVE SPOKED ASTERISK
- 1F7B3 ☆ VERY HEAVY FIVE SPOKED ASTERISK
- 1F7B4 ☆ EXTREMELY HEAVY FIVE SPOKED ASTERISK

### Six spoked asterisks

- 1F7B5 ☆ LIGHT SIX SPOKED ASTERISK



1F7B6 ✱ MEDIUM SIX SPOKED ASTERISK  
 • may represent the “star” symbol devised in ITU-T E.161 for use on telephony devices

1F7B7 ✱ BOLD SIX SPOKED ASTERISK

1F7B8 ✱ HEAVY SIX SPOKED ASTERISK

→ 2731 ✱ heavy asterisk

1F7B9 ✱ VERY HEAVY SIX SPOKED ASTERISK

1F7BA ✱ EXTREMELY HEAVY SIX SPOKED ASTERISK

#### Eight spoked asterisks

1F7BB ✱ LIGHT EIGHT SPOKED ASTERISK

→ 2733 ✱ eight spoked asterisk

1F7BC ✱ MEDIUM EIGHT SPOKED ASTERISK

1F7BD ✱ BOLD EIGHT SPOKED ASTERISK

1F7BE ✱ HEAVY EIGHT SPOKED ASTERISK

1F7BF ✱ VERY HEAVY EIGHT SPOKED ASTERISK

#### Three pointed stars

1F7C0 ▲ LIGHT THREE POINTED BLACK STAR

1F7C1 ▲ MEDIUM THREE POINTED BLACK STAR

1F7C2 ▲ THREE POINTED BLACK STAR

1F7C3 ▲ MEDIUM THREE POINTED PINWHEEL STAR

#### Four pointed stars

1F7C4 ✚ LIGHT FOUR POINTED BLACK STAR

1F7C5 ✚ MEDIUM FOUR POINTED BLACK STAR

1F7C6 ◆ FOUR POINTED BLACK STAR

• 2726 ◆ is a cusp

→ 2726 ◆ black four pointed star

1F7C7 ✚ MEDIUM FOUR POINTED PINWHEEL STAR

1F7C8 ✚ REVERSE LIGHT FOUR POINTED PINWHEEL STAR

= navigate

#### Five pointed stars

Constitute a set as follows: 1F7C9, 2605, 1F7CA, and 272F

1F7C9 ★ LIGHT FIVE POINTED BLACK STAR

1F7CA ★ HEAVY FIVE POINTED BLACK STAR

#### Six pointed stars

Constitute a set as follows: 2736, 1F7CB-1F7CD

1F7CB ✱ MEDIUM SIX POINTED BLACK STAR

1F7CC ✱ HEAVY SIX POINTED BLACK STAR

1F7CD ✱ SIX POINTED PINWHEEL STAR

#### Eight pointed stars

Constitute a set as follows: 2735, 1F7CE-1F7D1

1F7CE ✱ MEDIUM EIGHT POINTED BLACK STAR

→ 2737 ✱ eight pointed rectilinear black star

1F7CF ✱ HEAVY EIGHT POINTED BLACK STAR

→ 2738 ✱ heavy eight pointed rectilinear black star

1F7D0 ✱ VERY HEAVY EIGHT POINTED BLACK STAR

1F7D1 ✱ HEAVY EIGHT POINTED PINWHEEL STAR

→ 2735 ✱ eight pointed pinwheel star

#### Twelve pointed stars

Constitute a set as follows: 1F7D2, 2739, 1F7D3, and 1F7D4

1F7D2 ✱ LIGHT TWELVE POINTED BLACK STAR

1F7D3 ✱ HEAVY TWELVE POINTED BLACK STAR

1F7D4 ✱ HEAVY TWELVE POINTED PINWHEEL STAR

#### Go stone markers

1F7D5 ⊙ CIRCLED TRIANGLE

1F7D6 ⊖ NEGATIVE CIRCLED TRIANGLE

1F7D7 ⊕ CIRCLED SQUARE

1F7D8 ⊖ NEGATIVE CIRCLED SQUARE

#### Nine pointed star

1F7D9 ☸ NINE POINTED WHITE STAR

• commonly used by members of the Bahá'í faith

#### Colored circles

For use with emoji. Constitute a set as follows: 26AA, 26AB, 1F534, 1F535, 1F7E0-1F7E4

1F7E0 ● LARGE ORANGE CIRCLE

1F7E1 ● LARGE YELLOW CIRCLE

1F7E2 ● LARGE GREEN CIRCLE

1F7E3 ● LARGE PURPLE CIRCLE

1F7E4 ● LARGE BROWN CIRCLE

#### Colored squares

For use with emoji. Constitute a set as follows: 2B1C, 2B1B, 1F7E5-1F7EB

1F7E5 ■ LARGE RED SQUARE

1F7E6 ■ LARGE BLUE SQUARE

1F7E7 ■ LARGE ORANGE SQUARE

1F7E8 ■ LARGE YELLOW SQUARE

1F7E9 ■ LARGE GREEN SQUARE

1F7EA ■ LARGE PURPLE SQUARE

1F7EB ■ LARGE BROWN SQUARE

#### Miscellaneous symbol

1F7F0 = HEAVY EQUALS SIGN

• symbol of equality

→ 003D = equals sign

→ 2716 ✖ heavy multiplication x

→ 2795 + heavy plus sign

→ 3013 = geta mark

→ 10190 = roman sextans sign

|   | 1F90 | 1F91 | 1F92 | 1F93 | 1F94 | 1F95 | 1F96 | 1F97 | 1F98 | 1F99 | 1F9A | 1F9B | 1F9C | 1F9D | 1F9E | 1F9F |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 3 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| B |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| D |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| E |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| F |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

**Typicon symbols**

- 1F900 CIRCLED CROSS FORMEE WITH FOUR DOTS  
 1F901 CIRCLED CROSS FORMEE WITH TWO DOTS  
 1F902 CIRCLED CROSS FORMEE  
 → 2720 maltese cross  
 1F903 LEFT HALF CIRCLE WITH FOUR DOTS  
 1F904 LEFT HALF CIRCLE WITH THREE DOTS  
 1F905 LEFT HALF CIRCLE WITH TWO DOTS  
 1F906 LEFT HALF CIRCLE WITH DOT  
 1F907 LEFT HALF CIRCLE  
 1F908 DOWNWARD FACING HOOK  
 1F909 DOWNWARD FACING NOTCHED HOOK  
 1F90A DOWNWARD FACING HOOK WITH DOT  
 1F90B DOWNWARD FACING NOTCHED HOOK WITH DOT

**Hand symbol**

- 1F90C PINCHED FINGERS

**Colored heart symbols**

For use with emoji. Constitute a set as follows: 2764, 1F499-1F49C, 1F5A4, 1F90D, 1F90E, 1F9E1, and 1FA75-1FA77.

- 1F90D WHITE HEART  
 1F90E BROWN HEART

**Hand symbol**

- 1F90F PINCHING HAND

**Emoticon faces**

- 1F910 ZIPPER-MOUTH FACE  
 1F911 MONEY-MOUTH FACE  
 1F912 FACE WITH THERMOMETER  
 1F913 NERD FACE  
 1F914 THINKING FACE  
 1F915 FACE WITH HEAD-BANDAGE  
 1F916 ROBOT FACE  
 → 1F47E alien monster  
 1F917 HUGGING FACE

**Hand symbols**

- 1F918 SIGN OF THE HORNS  
 1F919 CALL ME HAND  
 1F91A RAISED BACK OF HAND  
 1F91B LEFT-FACING FIST  
 → 1FAF2 leftwards hand  
 1F91C RIGHT-FACING FIST  
 → 1FAF1 rightwards hand  
 1F91D HANDSHAKE  
 1F91E HAND WITH INDEX AND MIDDLE FINGERS  
 CROSSED  
 → 1FAF0 hand with index finger and thumb  
 crossed  
 1F91F I LOVE YOU HAND SIGN  
 • can be abbreviated ILY

**Emoticon faces**

- 1F920 FACE WITH COWBOY HAT  
 1F921 CLOWN FACE  
 1F922 NAUSEATED FACE  
 1F923 ROLLING ON THE FLOOR LAUGHING  
 = rofl, rotfl  
 1F924 DROOLING FACE  
 1F925 LYING FACE  
 1F926 FACE PALM  
 = frustration, disbelief

- 1F927 SNEEZING FACE  
 = Gesundheit  
 1F928 FACE WITH ONE EYEBROW RAISED  
 1F929 GRINNING FACE WITH STAR EYES  
 1F92A GRINNING FACE WITH ONE LARGE AND ONE  
 SMALL EYE  
 1F92B FACE WITH FINGER COVERING CLOSED LIPS  
 1F92C SERIOUS FACE WITH SYMBOLS COVERING  
 MOUTH  
 1F92D SMILING FACE WITH SMILING EYES AND HAND  
 COVERING MOUTH  
 1F92E FACE WITH OPEN MOUTH VOMITING  
 1F92F SHOCKED FACE WITH EXPLODING HEAD

**Portrait and role symbols**

- 1F930 PREGNANT WOMAN  
 → 1FAC4 pregnant person  
 1F931 BREAST-FEEDING  
 1F932 PALMS UP TOGETHER  
 • used for prayer in some cultures  
 1F933 SELFIE  
 • typically used with face or human figure on the  
 left  
 1F934 PRINCE  
 → 1F478 princess  
 1F935 MAN IN TUXEDO  
 • appearance for groom, may be paired with  
 1F470 bride with veil  
 → 1F470 bride with veil  
 1F936 MOTHER CHRISTMAS  
 = Mrs. Claus  
 → 1F385 father christmas  
 1F937 SHRUG  
**Sport symbols**  
 1F938 PERSON DOING CARTWHEEL  
 = gymnastics  
 1F939 JUGGLING  
 1F93A FENCER  
 = fencing  
 → 2694 crossed swords  
 1F93B MODERN PENTATHLON  
 1F93C WRESTLERS  
 = wrestling  
 1F93D WATER POLO  
 1F93E HANDBALL  
 1F93F DIVING MASK

**Miscellaneous symbols**

- 1F940 WILTED FLOWER  
 → 1F339 rose  
 1F941 DRUM WITH DRUMSTICKS  
 1F942 CLINKING GLASSES  
 = celebration, formal toasting  
 → 1F37B clinking beer mugs  
 1F943 TUMBLER GLASS  
 = whisky  
 • typically shown with ice  
 → 1F378 cocktail glass  
 1F944 SPOON  
 → 1F374 fork and knife  
 1F945 GOAL NET  
 1F946 RIFLE  
 = marksmanship, shooting, hunting

|                     |                                                                                     |                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1F947               |    | FIRST PLACE MEDAL<br>= gold medal<br>→ 1F3C5  sports medal |
| 1F948               |    | SECOND PLACE MEDAL<br>= silver medal                                                                                                        |
| 1F949               |    | THIRD PLACE MEDAL<br>= bronze medal                                                                                                         |
| 1F94A               |    | BOXING GLOVE<br>= boxing                                                                                                                    |
| 1F94B               |    | MARTIAL ARTS UNIFORM<br>= judo, karate, taekwondo                                                                                           |
| 1F94C               |    | CURLING STONE                                                                                                                               |
| 1F94D               |    | LACROSSE STICK AND BALL                                                                                                                     |
| 1F94E               |    | SOFTBALL                                                                                                                                    |
| 1F94F               |    | FLYING DISC                                                                                                                                 |
| <b>Food symbols</b> |                                                                                     |                                                                                                                                             |
| 1F950               |    | CROISSANT                                                                                                                                   |
| 1F951               |    | AVOCADO                                                                                                                                     |
| 1F952               |    | CUCUMBER<br>= pickle                                                                                                                        |
| 1F953               |    | BACON                                                                                                                                       |
| 1F954               |    | POTATO                                                                                                                                      |
| 1F955               |    | CARROT                                                                                                                                      |
| 1F956               |    | BAGUETTE BREAD<br>= French bread                                                                                                            |
| 1F957               |   | GREEN SALAD                                                                                                                                 |
| 1F958               |  | SHALLOW PAN OF FOOD<br>= paella, casserole                                                                                                  |
| 1F959               |  | STUFFED FLATBREAD<br>= döner kebab, falafel, gyro, shawarma                                                                                 |
| 1F95A               |  | EGG<br>= chicken egg                                                                                                                        |
| 1F95B               |  | GLASS OF MILK<br>= milk<br>→ 1FAD7  pouring liquid       |
| 1F95C               |  | PEANUTS                                                                                                                                     |
| 1F95D               |  | KIWIFRUIT                                                                                                                                   |
| 1F95E               |  | PANCAKES<br>= hotcakes, crêpes, blini<br>• sweet or savory                                                                                  |
| 1F95F               |  | DUMPLING<br>= potsticker, gyoza, jiaozi, pierogi, empanada                                                                                  |
| 1F960               |  | FORTUNE COOKIE                                                                                                                              |
| 1F961               |  | TAKEOUT BOX<br>= take-away box, oyster pail                                                                                                 |
| 1F962               |  | CHOPSTICKS<br>= kuaizi, nashi, jeotgarak                                                                                                    |
| 1F963               |  | BOWL WITH SPOON<br>• can indicate breakfast, cereal, congee, etc.                                                                           |
| 1F964               |  | CUP WITH STRAW<br>• can indicate soda, juice, etc.                                                                                          |
| 1F965               |  | COCONUT                                                                                                                                     |
| 1F966               |  | BROCCOLI                                                                                                                                    |
| 1F967               |  | PIE<br>• may be sweet or savory                                                                                                             |
| 1F968               |  | PRETZEL<br>• can indicate twistiness, intricacy                                                                                             |
| 1F969               |  | CUT OF MEAT<br>= porkchop, chop, steak                                                                                                      |
| 1F96A               |  | SANDWICH                                                                                                                                    |
| 1F96B               |  | CANNED FOOD                                                                                                                                 |

|       |                                                                                   |                                                                                             |
|-------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1F96C |  | LEAFY GREEN<br>• intended to represent cooked green vegetables such as bok choy, kale, etc. |
|-------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

|       |                                                                                   |           |
|-------|-----------------------------------------------------------------------------------|-----------|
| 1F96D |  | MANGO     |
| 1F96E |  | MOON CAKE |
| 1F96F |  | BAGEL     |

**Faces**

|       |                                                                                   |                                                 |
|-------|-----------------------------------------------------------------------------------|-------------------------------------------------|
| 1F970 |  | SMILING FACE WITH SMILING EYES AND THREE HEARTS |
| 1F971 |  | YAWNING FACE                                    |
| 1F972 |  | SMILING FACE WITH TEAR                          |
| 1F973 |  | FACE WITH PARTY HORN AND PARTY HAT              |
| 1F974 |  | FACE WITH UNEVEN EYES AND WAVY MOUTH            |
| 1F975 |  | OVERHEATED FACE                                 |
| 1F976 |  | FREEZING FACE                                   |
| 1F977 |  | NINJA                                           |
| 1F978 |  | DISGUISED FACE                                  |
| 1F979 |  | FACE HOLDING BACK TEARS                         |
| 1F97A |  | FACE WITH PLEADING EYES                         |

**Clothing**

|       |                                                                                   |             |
|-------|-----------------------------------------------------------------------------------|-------------|
| 1F97B |  | SARI        |
| 1F97C |  | LAB COAT    |
| 1F97D |  | GOGGLES     |
| 1F97E |  | HIKING BOOT |
| 1F97F |  | FLAT SHOE   |

**Animal symbols**

|       |                                                                                     |                                                                                                                                       |
|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1F980 |  | CRAB<br>• used for Cancer<br>→ 264B  cancer        |
| 1F981 |  | LION FACE<br>• used for Leo<br>→ 264C  leo        |
| 1F982 |  | SCORPION<br>• used for Scorpio<br>→ 264F  scorpius |
| 1F983 |  | TURKEY                                                                                                                                |
| 1F984 |  | UNICORN FACE                                                                                                                          |
| 1F985 |  | EAGLE                                                                                                                                 |
| 1F986 |  | DUCK                                                                                                                                  |
| 1F987 |  | BAT                                                                                                                                   |
| 1F988 |  | SHARK                                                                                                                                 |
| 1F989 |  | OWL                                                                                                                                   |
| 1F98A |  | FOX FACE                                                                                                                              |
| 1F98B |  | BUTTERFLY                                                                                                                             |
| 1F98C |  | DEER                                                                                                                                  |
| 1F98D |  | GORILLA                                                                                                                               |
| 1F98E |  | LIZARD                                                                                                                                |
| 1F98F |  | RHINOCEROS                                                                                                                            |
| 1F990 |  | SHRIMP                                                                                                                                |
| 1F991 |  | SQUID                                                                                                                                 |
| 1F992 |  | GIRAFFE FACE                                                                                                                          |
| 1F993 |  | ZEBRA FACE                                                                                                                            |
| 1F994 |  | HEDGEHOG                                                                                                                              |
| 1F995 |  | SAUROPOD<br>• includes Brontosaurus, Diplodocus, Brachiosaurus                                                                        |
| 1F996 |  | T-REX<br>= Tyrannosaurus rex                                                                                                          |
| 1F997 |  | CRICKET                                                                                                                               |
| 1F998 |  | KANGAROO                                                                                                                              |
| 1F999 |  | LLAMA                                                                                                                                 |

|       |  |              |
|-------|--|--------------|
| 1F99A |  | PEACOCK      |
| 1F99B |  | HIPPOPOTAMUS |
| 1F99C |  | PARROT       |
| 1F99D |  | RACCOON      |
| 1F99E |  | LOBSTER      |
| 1F99F |  | MOSQUITO     |
| 1F9A0 |  | MICROBE      |

• microorganism, intended to cover bacteria, viruses, amoebas, etc.

|       |  |                        |
|-------|--|------------------------|
| 1F9A1 |  | BADGER                 |
| 1F9A2 |  | SWAN                   |
| 1F9A3 |  | MAMMOTH                |
|       |  | • indicates great size |
| 1F9A4 |  | DODO                   |
|       |  | • indicates extinction |

|       |  |           |
|-------|--|-----------|
| 1F9A5 |  | SLOTH     |
| 1F9A6 |  | OTTER     |
| 1F9A7 |  | ORANGUTAN |
| 1F9A8 |  | SKUNK     |
| 1F9A9 |  | FLAMINGO  |
| 1F9AA |  | OYSTER    |
| 1F9AB |  | BEAVER    |
| 1F9AC |  | BISON     |
| 1F9AD |  | SEAL      |

**Accessibility symbols**

|       |  |              |
|-------|--|--------------|
| 1F9AE |  | GUIDE DOG    |
| 1F9AF |  | PROBING CANE |

**Emoji components**

The characters in the range 1F9B0-1F9B3 are intended to be used in emoji ZWJ sequences to indicate hair style.

|       |  |                            |
|-------|--|----------------------------|
| 1F9B0 |  | EMOJI COMPONENT RED HAIR   |
| 1F9B1 |  | EMOJI COMPONENT CURLY HAIR |
| 1F9B2 |  | EMOJI COMPONENT BALD       |
| 1F9B3 |  | EMOJI COMPONENT WHITE HAIR |

**Body parts**

|       |  |       |
|-------|--|-------|
| 1F9B4 |  | BONE  |
| 1F9B5 |  | LEG   |
| 1F9B6 |  | FOOT  |
| 1F9B7 |  | TOOTH |

**Role symbols**

|       |  |              |
|-------|--|--------------|
| 1F9B8 |  | SUPERHERO    |
| 1F9B9 |  | SUPERVILLAIN |

**Accessibility symbols**

|       |  |                      |
|-------|--|----------------------|
| 1F9BA |  | SAFETY VEST          |
| 1F9BB |  | EAR WITH HEARING AID |
| 1F9BC |  | MOTORIZED WHEELCHAIR |
| 1F9BD |  | MANUAL WHEELCHAIR    |
| 1F9BE |  | MECHANICAL ARM       |
| 1F9BF |  | MECHANICAL LEG       |

**Food symbols**

|       |  |              |
|-------|--|--------------|
| 1F9C0 |  | CHEESE WEDGE |
| 1F9C1 |  | CUPCAKE      |
| 1F9C2 |  | SALT SHAKER  |
| 1F9C3 |  | BEVERAGE BOX |
| 1F9C4 |  | GARLIC       |
| 1F9C5 |  | ONION        |
| 1F9C6 |  | FALAFEL      |
| 1F9C7 |  | WAFFLE       |
| 1F9C8 |  | BUTTER       |

|       |  |            |
|-------|--|------------|
| 1F9C9 |  | MATE DRINK |
| 1F9CA |  | ICE CUBE   |
| 1F9CB |  | BUBBLE TEA |

**Fantasy being**

|       |  |       |
|-------|--|-------|
| 1F9CC |  | TROLL |
|-------|--|-------|

**Portrait and accessibility symbols**

|       |  |                 |
|-------|--|-----------------|
| 1F9CD |  | STANDING PERSON |
| 1F9CE |  | KNEELING PERSON |
| 1F9CF |  | DEAF PERSON     |

**Portrait and role symbols**

|       |  |                   |
|-------|--|-------------------|
| 1F9D0 |  | FACE WITH MONOCLE |
| 1F9D1 |  | ADULT             |

• no specified gender

→ 1F468 man

→ 1F469 woman

|       |  |       |
|-------|--|-------|
| 1F9D2 |  | CHILD |
|-------|--|-------|

• no specified gender

→ 1F466 boy

→ 1F467 girl

|       |  |             |
|-------|--|-------------|
| 1F9D3 |  | OLDER ADULT |
|-------|--|-------------|

• no specified gender

→ 1F474 older man

→ 1F475 older woman

|       |  |                |
|-------|--|----------------|
| 1F9D4 |  | BEARDED PERSON |
|-------|--|----------------|

|       |  |                       |
|-------|--|-----------------------|
| 1F9D5 |  | PERSON WITH HEADSCARF |
|-------|--|-----------------------|

= woman's headscarf, hijab

|       |  |                       |
|-------|--|-----------------------|
| 1F9D6 |  | PERSON IN STEAMY ROOM |
|-------|--|-----------------------|

= sauna, steam room

|       |  |                 |
|-------|--|-----------------|
| 1F9D7 |  | PERSON CLIMBING |
|-------|--|-----------------|

|       |  |                          |
|-------|--|--------------------------|
| 1F9D8 |  | PERSON IN LOTUS POSITION |
|-------|--|--------------------------|

= yoga, meditation

**Fantasy beings**

|       |  |      |
|-------|--|------|
| 1F9D9 |  | MAGE |
|-------|--|------|

= wizard, witch, sorcerer, sorceress

|       |  |       |
|-------|--|-------|
| 1F9DA |  | FAIRY |
|-------|--|-------|

|       |  |         |
|-------|--|---------|
| 1F9DB |  | VAMPIRE |
|-------|--|---------|

|       |  |           |
|-------|--|-----------|
| 1F9DC |  | MERPERSON |
|-------|--|-----------|

= mermaid, merman

|       |  |     |
|-------|--|-----|
| 1F9DD |  | ELF |
|-------|--|-----|

|       |  |       |
|-------|--|-------|
| 1F9DE |  | GENIE |
|-------|--|-------|

|       |  |        |
|-------|--|--------|
| 1F9DF |  | ZOMBIE |
|-------|--|--------|

**Miscellaneous symbols**

|       |  |       |
|-------|--|-------|
| 1F9E0 |  | BRAIN |
|-------|--|-------|

|       |  |              |
|-------|--|--------------|
| 1F9E1 |  | ORANGE HEART |
|-------|--|--------------|

→ 1F499 blue heart

→ 1F90D white heart

|       |  |            |
|-------|--|------------|
| 1F9E2 |  | BILLED CAP |
|-------|--|------------|

= baseball cap

|       |  |       |
|-------|--|-------|
| 1F9E3 |  | SCARF |
|-------|--|-------|

|       |  |        |
|-------|--|--------|
| 1F9E4 |  | GLOVES |
|-------|--|--------|

|       |  |      |
|-------|--|------|
| 1F9E5 |  | COAT |
|-------|--|------|

|       |  |       |
|-------|--|-------|
| 1F9E6 |  | SOCKS |
|-------|--|-------|

**Activities**

|       |  |                   |
|-------|--|-------------------|
| 1F9E7 |  | RED GIFT ENVELOPE |
|-------|--|-------------------|

• contains a monetary gift in East and Southeast Asia

|       |  |             |
|-------|--|-------------|
| 1F9E8 |  | FIRECRACKER |
|-------|--|-------------|

|       |  |                     |
|-------|--|---------------------|
| 1F9E9 |  | JIGSAW PUZZLE PIECE |
|-------|--|---------------------|

**Objects**

|       |                                                                                     |                   |
|-------|-------------------------------------------------------------------------------------|-------------------|
| 1F9EA |    | TEST TUBE         |
| 1F9EB |    | PETRI DISH        |
| 1F9EC |    | DNA DOUBLE HELIX  |
| 1F9ED |    | COMPASS           |
| 1F9EE |    | ABACUS            |
| 1F9EF |    | FIRE EXTINGUISHER |
| 1F9F0 |    | TOOLBOX           |
| 1F9F1 |    | BRICK             |
| 1F9F2 |    | MAGNET            |
| 1F9F3 |    | LUGGAGE           |
| 1F9F4 |    | LOTION BOTTLE     |
| 1F9F5 |    | SPOOL OF THREAD   |
| 1F9F6 |    | BALL OF YARN      |
| 1F9F7 |    | SAFETY PIN        |
| 1F9F8 |    | TEDDY BEAR        |
| 1F9F9 |    | BROOM             |
| 1F9FA |    | BASKET            |
| 1F9FB |    | ROLL OF PAPER     |
| 1F9FC |    | BAR OF SOAP       |
| 1F9FD |    | SPONGE            |
| 1F9FE |   | RECEIPT           |
| 1F9FF |  | NAZAR AMULET      |

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|   | 1FA7                                                                                         | 1FA8                                                                                         | 1FA9                                                                                         | 1FAA                                                                                         | 1FAB                                                                                         | 1FAC                                                                                         | 1FAD                                                                                          | 1FAE                                                                                           | 1FAF                                                                                           |
|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 0 | <br>1FA70   | <br>1FA80   | <br>1FA90   | <br>1FAA0   | <br>1FAB0   | <br>1FAC0   | <br>1FAD0   | <br>1FAE0   | <br>1FAF0   |
| 1 | <br>1FA71   | <br>1FA81   | <br>1FA91   | <br>1FAA1   | <br>1FAB1   | <br>1FAC1   | <br>1FAD1   | <br>1FAE1   | <br>1FAF1   |
| 2 | <br>1FA72   | <br>1FA82   | <br>1FA92   | <br>1FAA2   | <br>1FAB2   | <br>1FAC2   | <br>1FAD2   | <br>1FAE2   | <br>1FAF2   |
| 3 | <br>1FA73   | <br>1FA83   | <br>1FA93   | <br>1FAA3   | <br>1FAB3   | <br>1FAC3   | <br>1FAD3   | <br>1FAE3   | <br>1FAF3   |
| 4 | <br>1FA74   | <br>1FA84   | <br>1FA94   | <br>1FAA4   | <br>1FAB4   | <br>1FAC4   | <br>1FAD4   | <br>1FAE4   | <br>1FAF4   |
| 5 | <br>1FA75   | <br>1FA85   | <br>1FA95   | <br>1FAA5   | <br>1FAB5   | <br>1FAC5   | <br>1FAD5   | <br>1FAE5   | <br>1FAF5   |
| 6 | <br>1FA76  | <br>1FA86  | <br>1FA96  | <br>1FAA6  | <br>1FAB6  |                                                                                              | <br>1FAD6  | <br>1FAE6  | <br>1FAF6  |
| 7 | <br>1FA77 | <br>1FA87 | <br>1FA97 | <br>1FAA7 | <br>1FAB7 |                                                                                              | <br>1FAD7 | <br>1FAE7 | <br>1FAF7 |
| 8 | <br>1FA78 | <br>1FA88 | <br>1FA98 | <br>1FAA8 | <br>1FAB8 |                                                                                              | <br>1FAD8 | <br>1FAE8 | <br>1FAF8 |
| 9 | <br>1FA79 |                                                                                              | <br>1FA99 | <br>1FAA9 | <br>1FAB9 |                                                                                              | <br>1FAD9 |                                                                                                |                                                                                                |
| A | <br>1FA7A |                                                                                              | <br>1FA9A | <br>1FAAA | <br>1FABA |                                                                                              | <br>1FADA |                                                                                                |                                                                                                |
| B | <br>1FA7B |                                                                                              | <br>1FA9B | <br>1FAAB | <br>1FABB |                                                                                              | <br>1FADB |                                                                                                |                                                                                                |
| C | <br>1FA7C |                                                                                              | <br>1FA9C | <br>1FAAC | <br>1FABC |                                                                                              |                                                                                               |                                                                                                |                                                                                                |
| D |                                                                                              |                                                                                              | <br>1FA9D | <br>1FAAD | <br>1FABD |                                                                                              |                                                                                               |                                                                                                |                                                                                                |
| E |                                                                                              |                                                                                              | <br>1FA9E | <br>1FAAE |                                                                                              | <br>1FACE |                                                                                               |                                                                                                |                                                                                                |
| F |                                                                                              |                                                                                              | <br>1FA9F | <br>1FAAF | <br>1FABF | <br>1FACF |                                                                                               |                                                                                                |                                                                                                |



**Clothing**

|       |  |                             |
|-------|--|-----------------------------|
| 1FA70 |  | BALLET SHOES                |
| 1FA71 |  | ONE-PIECE SWIMSUIT          |
| 1FA72 |  | BRIEFS                      |
| 1FA73 |  | SHORTS                      |
| 1FA74 |  | THONG SANDAL<br>= flip flop |

**Colored heart symbols**

For use with emoji. Constitute a set as follows: 2764, 1F499-1F49C, 1F5A4, 1F90D, 1F90E, 1F9E1, and 1FA75-1FA77.

|       |  |                  |
|-------|--|------------------|
| 1FA75 |  | LIGHT BLUE HEART |
| 1FA76 |  | GREY HEART       |
| 1FA77 |  | PINK HEART       |

**Medical symbols**

|       |  |                                   |
|-------|--|-----------------------------------|
| 1FA78 |  | DROP OF BLOOD<br>→ 1F4A7  droplet |
| 1FA79 |  | ADHESIVE BANDAGE                  |
| 1FA7A |  | STETHOSCOPE                       |
| 1FA7B |  | X-RAY                             |
| 1FA7C |  | CRUTCH                            |

**Toys and sport symbols**

|       |  |               |
|-------|--|---------------|
| 1FA80 |  | YO-YO         |
| 1FA81 |  | KITE          |
| 1FA82 |  | PARACHUTE     |
| 1FA83 |  | BOOMERANG     |
| 1FA84 |  | MAGIC WAND    |
| 1FA85 |  | PINATA        |
| 1FA86 |  | NESTING DOLLS |

**Musical instruments**

|       |  |         |
|-------|--|---------|
| 1FA87 |  | MARACAS |
| 1FA88 |  | FLUTE   |

**Miscellaneous objects**

|       |  |                 |
|-------|--|-----------------|
| 1FA90 |  | RINGED PLANET   |
| 1FA91 |  | CHAIR           |
| 1FA92 |  | RAZOR           |
| 1FA93 |  | AXE             |
| 1FA94 |  | DIYA LAMP       |
| 1FA95 |  | BANJO           |
| 1FA96 |  | MILITARY HELMET |
| 1FA97 |  | ACCORDION       |
| 1FA98 |  | LONG DRUM       |
| 1FA99 |  | COIN            |
| 1FA9A |  | CARPENTRY SAW   |
| 1FA9B |  | SCREWDRIVER     |
| 1FA9C |  | LADDER          |
| 1FA9D |  | HOOK            |
| 1FA9E |  | MIRROR          |
| 1FA9F |  | WINDOW          |
| 1FAA0 |  | PLUNGER         |
| 1FAA1 |  | SEWING NEEDLE   |
| 1FAA2 |  | KNOT            |
| 1FAA3 |  | BUCKET          |
| 1FAA4 |  | MOUSE TRAP      |
| 1FAA5 |  | TOOTHBRUSH      |
| 1FAA6 |  | HEADSTONE       |
| 1FAA7 |  | PLACARD         |
| 1FAA8 |  | ROCK            |
| 1FAA9 |  | MIRROR BALL     |

|       |  |                                 |
|-------|--|---------------------------------|
| 1FAAA |  | IDENTIFICATION CARD<br>= ID     |
| 1FAAB |  | LOW BATTERY<br>→ 1F50B  battery |
| 1FAAC |  | HAMSA                           |
| 1FAAD |  | FOLDING HAND FAN                |
| 1FAAE |  | HAIR PICK                       |

**Religious symbol**

|       |  |                              |
|-------|--|------------------------------|
| 1FAAF |  | KHANDA<br>→ 262C  adi shakti |
|-------|--|------------------------------|

**Animals and nature**

|       |  |                |
|-------|--|----------------|
| 1FAB0 |  | FLY            |
| 1FAB1 |  | WORM           |
| 1FAB2 |  | BEETLE         |
| 1FAB3 |  | COCKROACH      |
| 1FAB4 |  | POTTED PLANT   |
| 1FAB5 |  | WOOD           |
| 1FAB6 |  | FEATHER        |
| 1FAB7 |  | LOTUS          |
| 1FAB8 |  | CORAL          |
| 1FAB9 |  | EMPTY NEST     |
| 1FABA |  | NEST WITH EGGS |
| 1FABB |  | HYACINTH       |
| 1FABC |  | JELLYFISH      |
| 1FABD |  | WING           |
| 1FABE |  | <reserved>     |
| 1FABF |  | GOOSE          |

**Body parts**

|       |  |                  |
|-------|--|------------------|
| 1FAC0 |  | ANATOMICAL HEART |
| 1FAC1 |  | LUNGS            |

**People**

|       |  |                                            |
|-------|--|--------------------------------------------|
| 1FAC2 |  | PEOPLE HUGGING                             |
| 1FAC3 |  | PREGNANT MAN                               |
| 1FAC4 |  | PREGNANT PERSON<br>→ 1F930  pregnant woman |
| 1FAC5 |  | PERSON WITH CROWN<br>→ 1F478  princess     |

**Animals and nature**

|       |  |        |
|-------|--|--------|
| 1FACE |  | MOOSE  |
| 1FACF |  | DONKEY |

**Food and drink**

|       |  |                                          |
|-------|--|------------------------------------------|
| 1FAD0 |  | BLUEBERRIES                              |
| 1FAD1 |  | BELL PEPPER                              |
| 1FAD2 |  | OLIVE                                    |
| 1FAD3 |  | FLATBREAD                                |
| 1FAD4 |  | TAMALE                                   |
| 1FAD5 |  | FONDUE                                   |
| 1FAD6 |  | TEAPOT                                   |
| 1FAD7 |  | POURING LIQUID<br>→ 1F95B  glass of milk |
| 1FAD8 |  | BEANS                                    |
| 1FAD9 |  | JAR                                      |
| 1FADA |  | GINGER ROOT                              |
| 1FADB |  | PEA POD                                  |

**Faces**

|       |  |                                         |
|-------|--|-----------------------------------------|
| 1FAE0 |  | MELTING FACE                            |
| 1FAE1 |  | SALUTING FACE                           |
| 1FAE2 |  | FACE WITH OPEN EYES AND HAND OVER MOUTH |

|       |                                                                                   |                          |
|-------|-----------------------------------------------------------------------------------|--------------------------|
| 1FAE3 |  | FACE WITH PEEKING EYE    |
| 1FAE4 |  | FACE WITH DIAGONAL MOUTH |
| 1FAE5 |  | DOTTED LINE FACE         |

**Emotion**

|       |                                                                                   |                                                                                                |
|-------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 1FAE6 |  | BITING LIP                                                                                     |
|       |                                                                                   | → 1F5E2  lips |
| 1FAE7 |  | BUBBLES                                                                                        |

**Face**

|       |                                                                                   |              |
|-------|-----------------------------------------------------------------------------------|--------------|
| 1FAE8 |  | SHAKING FACE |
|-------|-----------------------------------------------------------------------------------|--------------|

**Hand symbols**

|       |                                                                                   |                                                                                                                                         |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1FAF0 |  | HAND WITH INDEX FINGER AND THUMB<br>CROSSED                                                                                             |
|       |                                                                                   | → 1F91E  hand with index and middle fingers<br>crossed |
| 1FAF1 |  | RIGHTWARDS HAND                                                                                                                         |
| 1FAF2 |  | LEFTWARDS HAND                                                                                                                          |
| 1FAF3 |  | PALM DOWN HAND                                                                                                                          |
| 1FAF4 |  | PALM UP HAND                                                                                                                            |
| 1FAF5 |  | INDEX POINTING AT THE VIEWER                                                                                                            |
| 1FAF6 |  | HEART HANDS                                                                                                                             |
| 1FAF7 |  | LEFTWARDS PUSHING HAND                                                                                                                  |
| 1FAF8 |  | RIGHTWARDS PUSHING HAND                                                                                                                 |

|                                               |                                               |                                              |                                                |
|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------------------------|
| 20000<br>— 1.1<br>𠄎 𠄎<br>GKX-0075.06 T5-2125  | 20013<br>— 1.4<br>𠄎 𠄎<br>GHZ-10017.04         | 20026<br>— 1.6<br>𠄎<br>GHZ-10021.11          | 2003A<br>— 1.8<br>𠄎<br>GHZ-10026.01            |
| 20001<br>— 1.1<br>𠄎<br>GHZ-10004.02           | 20014<br>— 1.4<br>𠄎 𠄎<br>GHZ-10017.06 T5-214D | 20027<br>— 1.6<br>𠄎<br>V0-354F               | 2003B<br>— 1.8<br>𠄎 𠄎<br>GHZ-80007.05 T6-2E66  |
| 20002<br>— 1.1<br>𠄎<br>TF-2121                | 20015<br>— 1.4<br>𠄎<br>GHZ-10017.07           | 20028<br>— 1.6<br>𠄎<br>V2-6E21               | 2003C<br>𠄎 35.7<br>𠄎<br>GHZ-10025.10           |
| 20003<br>— 1.2<br>𠄎 𠄎<br>GKX-0076.14 T6-212F  | 20016<br>— 1.4<br>𠄎<br>V0-3F5F                | 20029<br>𠄎 6.5<br>𠄎<br>GHZ-10553.05 T6-2563  | 2003D<br>— 1.9<br>𠄎<br>GHZ-10026.05            |
| 20004<br>— 1.2<br>𠄎<br>T6-212D                | 20017<br>— 1.4<br>𠄎<br>V0-3F60                | 2002A<br>— 1.6<br>𠄎<br>V0-456C               | 2003E<br>— 1.9<br>𠄎<br>H-9375                  |
| 20005<br>— 1.2<br>𠄎 𠄎<br>GHZ-10010.01 T6-212E | 20018<br>— 1.5<br>𠄎 𠄎<br>GKX-0078.07 T6-234D  | 2002B<br>— 1.6<br>𠄎<br>V0-456D               | 2003F<br>— 1.9<br>𠄎<br>V2-6E27                 |
| 20006<br>— 1.2<br>𠄎<br>K4-0002                | 20019<br>— 1.5<br>𠄎 𠄎<br>GKX-0078.08 T6-233E  | 2002C<br>— 1.7<br>𠄎 𠄎<br>GKX-0078.15 T6-2937 | 20040<br>— 1.9<br>𠄎<br>V0-3F68                 |
| 20007<br>— 1.3<br>𠄎 𠄎<br>GKX-0077.05 T6-2142  | 2001A<br>— 1.5<br>𠄎 𠄎<br>GKX-0078.09 T6-233F  | 2002D<br>— 1.7<br>𠄎 𠄎<br>GKX-0078.16 T6-293A | 20041<br>— 1.10<br>𠄎 𠄎<br>GKX-0078.18 T5-3072  |
| 20008<br>— 1.3<br>𠄎 𠄎<br>GKX-0077.06 T6-2143  | 2001B<br>大 37.3<br>𠄎<br>GHZ-10017.09          | 2002E<br>— 1.7<br>𠄎 𠄎<br>GKX-0078.17 T6-2938 | 20042<br>— 1.10<br>𠄎<br>V2-6E26                |
| 20009<br>— 1.3<br>𠄎<br>T5-2133                | 2001C<br>— 1.5<br>𠄎<br>GHZ-10017.13           | 2002F<br>𠄎 31.5<br>𠄎<br>GHZ-10024.03         | 20043<br>— 1.10<br>𠄎 𠄎<br>GHZ-10026.08 T5-3323 |
| 2000A<br>— 1.3<br>𠄎<br>GHZ-10012.02           | 2001D<br>卜 25.4<br>𠄎<br>GHZ-10017.15          | 20030<br>— 1.7<br>𠄎<br>GHZ-10024.06          | 20044<br>— 1.10<br>𠄎<br>V4-4031                |
| 2000B<br>— 1.3<br>𠄎 𠄎<br>GHZ-10012.05 T3-2144 | 2001E<br>— 1.5<br>𠄎<br>GHZ-80007.03           | 20031<br>— 1.7<br>𠄎<br>GHZ-10025.01          | 20045<br>— 1.10<br>𠄎<br>GHZ-80007.06           |
| 𠄎<br>J3-2E22                                  | 2001F<br>— 1.5<br>𠄎<br>GHZ-80007.04           | 20032<br>— 1.7<br>𠄎<br>V0-305F               | 20046<br>— 1.11<br>𠄎 𠄎<br>TF-3932 H-9376       |
| 2000C<br>— 1.3<br>𠄎<br>GHZ-10012.06           | 20020<br>— 1.5<br>𠄎 𠄎<br>GHZ-10017.12 T6-2467 | 20033<br>— 1.7<br>𠄎<br>V2-6E25               | 20047<br>— 1.11<br>𠄎<br>TF-3933                |
| 2000D<br>— 1.4<br>𠄎<br>GKX-0077.13            | 20021<br>— 1.6<br>𠄎 𠄎<br>GKX-0078.12 T6-255F  | 20034<br>— 1.7<br>𠄎<br>V0-354A               | 20048<br>— 1.11<br>𠄎 𠄎<br>GHZ-10026.11 T6-472D |
| 2000E<br>— 1.4<br>𠄎 𠄎<br>G4K-29186 VN-2000E   | 20022<br>— 1.6<br>𠄎 𠄎<br>H-9C71               | 20035<br>— 1.8<br>𠄎<br>TF-2922               | 𠄎<br>KC-06086                                  |
| 2000F<br>— 1.4<br>𠄎<br>TF-213E                | 20023<br>— 1.6<br>𠄎 𠄎<br>GKX-0078.13 T5-232F  | 20036<br>— 1.8<br>𠄎<br>TF-2923               | 20049<br>𠄎 16.10<br>𠄎<br>GHZ-10026.14          |
| 20010<br>— 1.4<br>𠄎<br>TF-213F                | 20024<br>— 1.6<br>𠄎<br>GHZ-10019.11           | 20037<br>𠄎 30.6<br>𠄎<br>GHZ-10025.08         | 2004A<br>— 1.11<br>𠄎<br>GHZ-80007.07           |
| 20011<br>— 1.4<br>𠄎<br>GHZ-10016.02           | 20025<br>— 1.6<br>𠄎 𠄎<br>GHZ-10019.13 T6-2567 | 20038<br>— 1.8<br>𠄎<br>GHZ-10025.09          | 2004B<br>— 1.11<br>𠄎<br>TF-3B73                |
| 20012<br>— 1.4<br>𠄎 𠄎<br>GHZ-10017.02 T6-222B |                                               | 20039<br>𠄎 30.6<br>𠄎<br>GHZ-10025.12         | 2004C<br>— 1.12<br>𠄎 𠄎<br>TF-4035              |

|                                                |                                                                |                                                |                                               |
|------------------------------------------------|----------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| 20A09<br>ト 25.13<br>𪛗<br>TF-5358               | 20A1C<br>㇀ 26.7<br>𪛘 𪛙<br>GKX-0160.06 T4-2853<br>𪛘<br>KC-04987 | 20A2F<br>㇀ 27.3<br>𪛚 𪛛<br>GKX-0160.23 T6-224F  | 20A42<br>㇀ 27.5<br>𪛜 𪛝<br>GKX-0161.05 T6-263D |
| 20A0A<br>ト 25.13<br>𪛘<br>GHZ-10096.09          | 20A1D<br>㇀ 26.7<br>𪛛<br>T6-356C                                | 20A30<br>㇀ 27.3<br>𪛜 𪛝<br>GKX-0160.24 T6-224D  | 20A43<br>㇀ 27.5<br>𪛞 𪛟<br>GKX-0161.06 T5-2351 |
| 20A0B<br>ト 25.25<br>𪛙 𪛚<br>GKX-0158.44 T7-634B | 20A1E<br>㇀ 26.8<br>𪛜<br>T6-2F3C                                | 20A31<br>㇀ 27.3<br>𪛞 𪛟<br>GKX-0160.25 T6-2250  | 20A44<br>㇀ 27.5<br>𪛠<br>T6-255E               |
| 20A0C<br>ト 25.31<br>𪛛<br>GHZ-10096.12          | 20A1F<br>㇀ 26.10<br>𪛞 𪛟<br>GKX-0160.09 T6-4678                 | 20A32<br>㇀ 27.3<br>𪛟 𪛠<br>GHZ-10068.10 T5-215D | 20A45<br>㇀ 27.5<br>𪛡<br>GCY                   |
| 20A0D<br>㇀ 26.2<br>𪛜 𪛝<br>GKX-0159.01 T5-213E  | 20A20<br>㇀ 26.10<br>𪛟 𪛠<br>GKX-0160.10 T5-2C33                 | 20A33<br>㇀ 27.3<br>𪛢<br>GHZ-10069.01           | 20A46<br>㇀ 27.5<br>𪛣<br>GHZ-10071.03          |
| 20A0E<br>㇀ 26.2<br>𪛞 𪛟<br>GKX-0159.02 T4-2143  | 20A21<br>㇀ 26.10<br>𪛠<br>VN-20A21                              | 20A34<br>㇀ 27.4<br>𪛤 𪛥<br>GKX-0160.27 T4-2247  | 20A47<br>㇀ 27.5<br>𪛧<br>TF-233F               |
| 20A0F<br>㇀ 26.2<br>𪛡<br>TF-2134                | 20A22<br>㇀ 26.11<br>𪛧 𪛨<br>GKX-0160.12 T5-3D7B                 | 20A35<br>㇀ 27.4<br>𪛩 𪛪<br>GKX-0160.29 T5-223B  | 20A48<br>㇀ 27.5<br>𪛬<br>GHZ-10070.07          |
| 20A10<br>㇀ 26.2<br>𪛢<br>T6-215B                | 20A23<br>㇀ 26.11<br>𪛩 𪛪<br>GHZ-10319.07 T6-507D                | 20A36<br>㇀ 27.4<br>𪛬 𪛭<br>GKX-0160.31 T6-237C  | 20A49<br>㇀ 27.5<br>𪛯<br>GHZ-10070.10          |
| 20A11<br>㇀ 26.3<br>𪛤<br>H-9C66                 | 20A24<br>㇀ 26.11<br>𪛭<br>GHZ-10319.06                          | 20A37<br>㇀ 27.4<br>𪛮 𪛯<br>GKX-0160.32 T6-237D  | 20A4A<br>㇀ 27.6<br>𪛱 𪛲<br>GKX-0161.10 T6-2A27 |
| 20A12<br>㇀ 26.4<br>𪛧 𪛨<br>GKX-0159.14 T4-2246  | 20A25<br>㇀ 26.12<br>𪛨 𪛩<br>GKX-0160.13 T5-446E                 | 20A38<br>㇀ 27.4<br>𪛰 𪛱<br>GKX-0160.33 T5-223F  | 20A4B<br>㇀ 27.6<br>𪛳 𪛴<br>GKX-0161.12 T6-2A26 |
| 20A13<br>㇀ 26.4<br>𪛩 𪛪<br>GKX-0159.15 T6-2A24  | 20A26<br>㇀ 26.15<br>𪛪<br>GHZ-10319.09                          | 20A39<br>㇀ 27.4<br>𪛲 𪛳<br>GKX-0160.34 T5-2240  | 20A4C<br>㇀ 27.6<br>𪛵 𪛶<br>GKX-0161.13 T6-2A29 |
| 20A14<br>㇀ 26.4<br>𪛬 𪛭<br>GKX-0159.16 T6-237A  | 20A27<br>㇀ 26.16<br>𪛭 𪛮<br>GKX-0160.14 T7-3F24                 | 20A3A<br>㇀ 27.4<br>𪛴 𪛵<br>GKX-0160.35 T5-223D  | 20A4D<br>㇀ 27.6<br>𪛷 𪛸<br>GKX-0161.15 T6-2A28 |
| 20A15<br>㇀ 26.4<br>𪛮<br>GHZ-10313.01           | 20A28<br>㇀ 26.16<br>𪛮<br>GHC                                   | 20A3B<br>㇀ 27.4<br>𪛷 𪛸<br>GKX-0160.37 T5-223E  | 20A4E<br>㇀ 27.6<br>𪛹 𪛺<br>GKX-0161.16 T5-2541 |
| 20A16<br>㇀ 26.4<br>𪛯<br>T6-2379                | 20A29<br>㇀ 26.16<br>𪛹<br>GHZ-80010.09                          | 20A3C<br>㇀ 27.4<br>𪛺<br>GBK                    | 20A4F<br>㇀ 27.6<br>𪛻 𪛼<br>GKX-0161.17 T4-2558 |
| 20A17<br>㇀ 26.4<br>𪛻<br>GCY                    | 20A2A<br>㇀ 26.16<br>𪛼<br>V0-437E                               | 20A3D<br>㇀ 27.4<br>𪛼<br>TF-222D                | 20A50<br>㇀ 27.6<br>𪛽<br>H-9053                |
| 20A18<br>㇀ 26.5<br>𪛽 𪛾<br>GKX-0159.21 T4-234E  | 20A2B<br>㇀ 26.24<br>𪛾<br>GHZ-10319.11                          | 20A3E<br>㇀ 27.4<br>𪛿<br>GHZ-10069.14           | 20A51<br>㇀ 27.6<br>𪛿<br>TF-256D               |
| 20A19<br>㇀ 26.7<br>𪛿 𪛾<br>GKX-0160.01 T6-2F3B  | 20A2C<br>㇀ 27.2<br>𪛿 𪛾<br>GKX-0160.16 T5-213F                  | 20A3F<br>㇀ 27.4<br>𪛿<br>GHZ-80007.15           | 20A52<br>㇀ 27.6<br>𪛿<br>TF-256E               |
| 20A1A<br>㇀ 26.7<br>𪛾 𪛾<br>GKX-0160.02 T5-2838  | 20A2D<br>㇀ 27.3<br>𪛿 𪛿<br>GKX-0160.19 T5-215C                  | 20A40<br>㇀ 27.5<br>𪛿 𪛿<br>GKX-0160.38 T6-263E  | 20A54<br>㇀ 27.6<br>𪛿<br>GHZ-10071.16          |
| 20A1B<br>㇀ 26.7<br>𪛾 𪛾<br>GKX-0160.05 T6-2F3A  | 20A2E<br>㇀ 27.3<br>𪛿 𪛿<br>GKX-0160.22 T6-237B                  | 20A41<br>㇀ 27.5<br>𪛿 𪛿<br>GKX-0161.04 T5-2350  | 20A55<br>㇀ 27.6<br>𪛿<br>V2-6F69               |

|                                                 |                                                |                                                  |                                                 |
|-------------------------------------------------|------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| 2140D<br>± 32.11<br>壑<br>GHZ-10480.01           | 21420<br>± 32.12<br>𡵀 𡵁<br>GKX-0238.31 T4-4934 | 21432<br>± 32.12<br>壘<br>T7-2167                 | 21445<br>± 32.12<br>𡵅<br>GHZ-10486.21           |
| 2140E<br>± 32.11<br>壘 壘<br>GHZ-10480.10 T6-5B6B | 21421<br>± 32.12<br>𡵂 𡵃<br>GKX-0238.33 T4-4935 | 21433<br>± 32.12<br>壘<br>T7-2175                 | 21446<br>± 32.12<br>壘<br>GHZ-10486.22           |
| 2140F<br>± 32.11<br>壘<br>GHZ-10481.01           | 21422<br>± 32.12<br>𡵄 𡵅<br>VN-21421 T7-216F    | 21434<br>± 32.12<br>壘<br>TF-4D7C                 | 21447<br>± 32.12<br>壘 壘<br>GHZ-10487.01 T7-216E |
| 21410<br>± 32.11<br>壘 壘<br>GHZ-10481.06 T6-5B63 | 21423<br>± 32.12<br>𡵆 𡵇<br>GKX-0239.07 T4-4936 | 21435<br>± 32.12<br>壘<br>TF-4D7D                 | 21448<br>± 32.12<br>𡵈 𡵉<br>GHZ-10488.02 T5-4C71 |
| 21411<br>± 32.11<br>壘 壘<br>GHZ-10481.07 T6-5B53 | 21424<br>± 32.12<br>壘 壘<br>GKX-0239.08 T5-4C4B | 21436<br>± 32.12<br>壘<br>TF-4E26                 | 21449<br>± 32.12<br>壘 壘<br>GHZ-10488.10 T7-2173 |
| 21412<br>± 32.11<br>壘<br>GHZ-10481.09           | 21425<br>± 32.12<br>壘 壘<br>H-976C T5-4C4C      | 21437<br>± 32.12<br>壘<br>TF-4E27                 | 2144A<br>± 32.12<br>壘 壘<br>GHZ-10488.11 T7-2171 |
| 21413<br>± 32.11<br>壘 壘<br>GHZ-10482.01 TF-4731 | 21426<br>± 32.12<br>壘 壘<br>GKX-0239.10 T7-216B | 21438<br>± 32.12<br>壘<br>TF-4E28                 | 2144B<br>± 32.12<br>壘<br>GHZ-10488.17           |
| 21414<br>± 32.11<br>壘 壘<br>GHZ-10483.03 T4-425A | 21427<br>± 32.12<br>壘<br>GKX-0239.14           | 21439<br>± 32.12<br>壘<br>TF-4E29                 | 2144C<br>± 32.12<br>壘<br>GHZ-10489.02           |
| 21415<br>± 32.11<br>壘 壘<br>GHZ-10485.03 T6-5B65 | 21428<br>± 32.12<br>壘 壘<br>GKX-0239.20 T7-2178 | 2143A<br>± 32.12<br>壘<br>TF-4E2A                 | 2144D<br>± 32.12<br>壘<br>GHZ-10489.07           |
| 21416<br>± 32.11<br>壘 壘<br>GHZ-80011.21 H-FB68  | 21429<br>± 32.12<br>壘 壘<br>GKX-0239.21 T4-4937 | 2143B<br>± 32.12<br>壘<br>TF-4E2B                 | 2144E<br>± 32.12<br>壘<br>GHZ-10489.09           |
| 21417<br>± 32.11<br>壘<br>V0-345D                | 2142A<br>± 32.12<br>壘 壘<br>GKX-0239.23 T7-2177 | 2143C<br>± 32.12<br>壘<br>TF-4E2D                 | 2144F<br>± 32.12<br>壘 壘<br>GHZ-10489.11 T7-2169 |
| 21418<br>± 32.11<br>壘<br>V0-345E                | 2142B<br>± 32.12<br>壘 壘<br>GKX-0239.24 T7-2174 | 2143D<br>± 32.12<br>壘<br>GHZ-10485.07            | 21450<br>± 32.12<br>壘<br>GHZ-10490.04           |
| 21419<br>± 32.11<br>壘<br>V2-7339                | 2142C<br>± 32.12<br>壘<br>G4K-28653             | 2143E<br>± 32.12<br>壘 壘<br>GHZ-10485.08 T7-216C  | 21451<br>± 32.12<br>壘 壘<br>GHZ-80011.22 TF-4D7E |
| 2141A<br>± 32.11<br>壘<br>V3-3077                | 2142D<br>± 32.12<br>壘<br>TF-4E21               | 2143F<br>± 32.12<br>壘 壘<br>GHZ-10485.11 VN-2143F | 21452<br>± 32.12<br>壘 壘<br>TF-4E24 V2-733E      |
| 2141B<br>± 32.11<br>壘 壘<br>GHZ-10476.07 T6-5B5E | 2142E<br>± 32.12<br>壘<br>V2-732F               | 21440<br>± 32.12<br>壘<br>GHZ-10486.06            | 21453<br>± 32.12<br>壘<br>V0-3460                |
| 2141C<br>± 32.11<br>壘<br>GHZ-10479.02           | 2142F<br>± 32.12<br>壘<br>V3-3076               | 21441<br>± 32.12<br>壘<br>GHZ-10486.08            | 21454<br>± 32.12<br>壘 壘<br>TF-4E23 H-FB6A       |
| 2141D<br>± 32.11<br>壘 壘<br>GHZ-10482.04 T5-4525 | 21430<br>± 32.12<br>壘<br>T5-4C4D               | 21442<br>± 32.12<br>壘 壘<br>GHZ-10486.11 T7-216D  | 21455<br>± 32.12<br>壘<br>H-8B74                 |
| 2141E<br>± 32.12<br>壘 壘<br>GKX-0238.20 T5-452B  | 21431<br>± 32.12<br>壘<br>T5-4C4F               | 21443<br>± 32.12<br>壘<br>GHZ-10486.13            | 21456<br>± 32.12<br>壘<br>V2-733C                |
| 2141F<br>± 32.12<br>壘 壘<br>GKX-0238.26 T7-2172  |                                                | 21444<br>± 32.12<br>壘<br>GHZ-10486.20            | 21457<br>± 32.12<br>壘<br>V0-346A                |

|                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| 21A17<br>𠃊 40.7<br>𠃊 GHZ-20933.09         | 21A29<br>𠃊 40.8<br>𠃊 GKX-0288.20 T5-3170  | 21A3C<br>𠃊 40.8<br>𠃊 GHZ-20940.05 T6-3E55 | 21A4F<br>𠃊 40.9<br>𠃊 TF-3A49              |
| 21A18<br>𠃊 40.7<br>𠃊 GHZ-20933.11         | 21A2A<br>𠃊 40.8<br>𠃊 TF-3428              | 21A3D<br>𠃊 40.9<br>𠃊 GKX-0288.22 T5-375E  | 21A50<br>𠃊 40.9<br>𠃊 TF-3A4A              |
| 21A19<br>𠃊 40.7<br>𠃊 GHZ-20933.15         | 21A2B<br>𠃊 40.8<br>𠃊 TF-3429              | 21A3E<br>𠃊 40.9<br>𠃊 GKX-0288.24 T4-3726  | 21A51<br>𠃊 40.9<br>𠃊 TF-3A4B              |
| 21A1A<br>𠃊 40.7<br>𠃊 GHZ-20935.01         | 21A2C<br>𠃊 40.8<br>𠃊 TF-342A              | 21A3F<br>𠃊 40.9<br>𠃊 GKX-0288.25 T5-3761  | 21A52<br>𠃊 40.9<br>𠃊 TF-3A4C              |
| 21A1B<br>𠃊 40.7<br>𠃊 GHZ-20935.02         | 21A2D<br>𠃊 40.8<br>𠃊 TF-342B H-9B40       | 21A40<br>𠃊 40.9<br>𠃊 GKX-0288.26 T6-4770  | 21A53<br>𠃊 40.9<br>𠃊 TF-3A4D              |
| 21A1C<br>𠃊 40.7<br>𠃊 GHZ-20935.05 T6-365A | 21A2E<br>𠃊 40.8<br>𠃊 TF-342C              | 21A41<br>𠃊 40.9<br>𠃊 GKX-0289.01 T6-476B  | 21A54<br>𠃊 40.9<br>𠃊 TF-3A4E              |
| 21A1D<br>𠃊 40.7<br>𠃊 GHZ-20935.07         | 21A2F<br>𠃊 40.8<br>𠃊 TF-342D              | 21A42<br>𠃊 40.9<br>𠃊 GKX-0289.05 T4-3723  | 21A55<br>𠃊 40.9<br>𠃊 TF-3A4F              |
| 21A1E<br>𠃊 40.7<br>𠃊 GHZ-20936.01 T6-365C | 21A30<br>𠃊 40.8<br>𠃊 TF-342E              | 21A43<br>𠃊 40.9<br>𠃊 GKX-0289.12 T5-375D  | 21A56<br>𠃊 40.9<br>𠃊 GHZ-20942.02         |
| 21A1F<br>𠃊 40.7<br>𠃊 GHZ-20933.05 T5-2D21 | 21A31<br>𠃊 40.8<br>𠃊 TF-342F              | 21A44<br>𠃊 40.9<br>𠃊 GKX-0289.13 T5-3760  | 21A57<br>𠃊 40.9<br>𠃊 GHZ-20943.06         |
| 21A20<br>𠃊 40.7<br>𠃊 GHZ-20933.14 T5-2C7E | 21A32<br>𠃊 40.8<br>𠃊 GHZ-20936.06         | 21A45<br>𠃊 40.9<br>𠃊 GKX-0289.17 T6-476E  | 21A58<br>𠃊 40.9<br>𠃊 GHZ-20944.03         |
| 21A21<br>𠃊 40.7<br>𠃊 GHZ-20943.07         | 21A33<br>𠃊 40.8<br>𠃊 GHZ-20936.09         | 21A46<br>𠃊 40.9<br>𠃊 GKX-0289.18 T4-3725  | 21A59<br>𠃊 40.9<br>𠃊 GHZ-20944.04 T6-476D |
| 21A22<br>𠃊 40.8<br>𠃊 GKX-0287.11 T4-312D  | 21A34<br>𠃊 40.8<br>𠃊 GHZ-20936.13 T4-312F | 21A47<br>𠃊 40.9<br>𠃊 GKX-0289.19 T5-375F  | 21A5A<br>𠃊 40.9<br>𠃊 GHZ-20944.10         |
| 21A23<br>𠃊 40.8<br>𠃊 GKX-0287.12 T5-316F  | 21A35<br>𠃊 40.8<br>𠃊 GHZ-20938.01         | 21A48<br>𠃊 40.9<br>𠃊 GKX-0289.20 T6-476F  | 21A5B<br>𠃊 40.9<br>𠃊 GHZ-20945.01 T5-3762 |
| 21A24<br>𠃊 40.8<br>𠃊 GKX-0288.02 T6-3E57  | 21A36<br>𠃊 40.8<br>𠃊 GHZ-20938.06 T6-3E5C | 21A49<br>𠃊 40.9<br>𠃊 GKX-0289.21 T6-476C  | 21A5C<br>𠃊 40.9<br>𠃊 GHZ-80017.18         |
| 21A25<br>𠃊 40.8<br>𠃊 GKX-0288.14 T6-3E59  | 21A37<br>𠃊 40.8<br>𠃊 GHZ-20938.07         | 21A4A<br>𠃊 40.9<br>𠃊 G4K-30009            | 21A5D<br>𠃊 40.9<br>𠃊 GHZ-80017.19         |
| 21A26<br>𠃊 40.8<br>𠃊 GKX-0288.16 T6-3E58  | 21A38<br>𠃊 40.8<br>𠃊 V0-4222              | 21A4B<br>𠃊 40.9<br>𠃊 G4K-05261 H-FEAD     | 21A5E<br>𠃊 40.9<br>𠃊 TF-3D6C              |
| 21A27<br>𠃊 40.8<br>𠃊 GKX-0288.18 T6-3E56  | 21A39<br>𠃊 40.8<br>𠃊 V0-4428              | 21A4C<br>𠃊 40.9<br>𠃊 GHZ-20941.01         | 21A5F<br>𠃊 40.10<br>𠃊 GKX-0289.22 T6-5174 |
| 21A28<br>𠃊 40.8<br>𠃊 GKX-0288.19 T6-3E5B  | 21A3A<br>𠃊 40.8<br>𠃊 V0-4429              | 21A4D<br>𠃊 40.9<br>𠃊 GHZ-20941.04         | 21A60<br>𠃊 40.10<br>𠃊 GKX-0289.24 T6-5170 |
|                                           | 21A3B<br>𠃊 40.8<br>𠃊 GHZ-20939.01 T5-316E | 21A4E<br>𠃊 40.9<br>𠃊 TF-3A48              | 21A61<br>𠃊 40.10<br>𠃊 GKX-0289.26 T4-3C6B |

|                                                |                                                   |                                                  |                                                |
|------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------|
| 21BEB<br>九 43.7<br>𠂔<br>GHX-0298.34            | 21BFF<br>九 43.9<br>𠂔<br>GHZ-10555.10              | 21C13<br>九 43.12<br>𠂔<br>GHZ-10557.05            | 21C26<br>尸 44.2<br>𠂔<br>GHX-0300.06<br>T6-226C |
| 21BEC<br>九 43.7<br>𠂔<br>T5-2D24                | 21C00<br>九 43.9<br>𠂔<br>GHZ-10556.03              | 21C14<br>九 43.12<br>𠂔<br>GHZ-10557.08<br>T7-223C | 21C27<br>尸 44.2<br>𠂔<br>GHC                    |
| 21BED<br>九 43.7<br>𠂔<br>T6-366B                | 21C01<br>九 43.9<br>𠂔<br>GHZ-80012.20              | 21C15<br>九 43.12<br>𠂔<br>T7-2D3B                 | 21C28<br>尸 44.2<br>𠂔<br>GHZ-20965.02           |
| 21BEE<br>九 43.7<br>𠂔<br>T6-366D                | 21C02<br>九 43.9<br>𠂔<br>T6-517B                   | 21C16<br>九 43.13<br>𠂔<br>GHX-0299.19<br>T5-5430  | 21C29<br>尸 44.3<br>𠂔<br>GHX-0300.07<br>T6-244D |
| 21BEF<br>九 43.7<br>𠂔<br>TF-2F22                | 21C03<br>九 43.10<br>𠂔<br>GHX-0299.09<br>T6-517D   | 21C17<br>九 43.13<br>𠂔<br>GHX-0299.20<br>T7-2D3C  | 21C2A<br>尸 44.3<br>𠂔<br>GHX-0300.08<br>T4-225E |
| 21BF0<br>九 43.7<br>𠂔<br>GHZ-10554.12           | 21C04<br>九 43.10<br>𠂔<br>GHX-0299.10<br>T6-517C   | 21C18<br>九 43.13<br>𠂔<br>GHX-0299.21<br>T7-2D3E  | 21C2B<br>尸 44.3<br>𠂔<br>GHX-0300.10<br>T5-224E |
| 21BF1<br>九 43.7<br>𠂔<br>GHZ-10554.16           | 21C05<br>九 43.10<br>𠂔<br>GHZ-10556.05             | 21C19<br>九 43.13<br>𠂔<br>TF-5438                 | 21C2C<br>尸 44.3<br>𠂔<br>GHX-0300.11<br>T6-244E |
| 21BF2<br>九 43.7<br>𠂔<br>T6-3E66                | 21C06<br>九 43.10<br>𠂔<br>GHZ-10556.06             | 21C1A<br>九 43.13<br>𠂔<br>GHZ-10557.14            | 21C2D<br>尸 44.3<br>𠂔<br>GHX-0300.13<br>T6-2450 |
| 21BF3<br>九 43.8<br>𠂔<br>GHX-0298.37<br>T5-3172 | 21C07<br>九 43.10<br>𠂔<br>GHZ-10557.01<br>T5-4826  | 21C1B<br>九 43.14<br>𠂔<br>GHZ-80012.24            | 21C2E<br>尸 44.3<br>𠂔<br>GHX-0300.14<br>T6-2451 |
| 21BF4<br>九 43.8<br>𠂔<br>GHX-0298.39<br>T4-3134 | 21C08<br>九 43.10<br>𠂔<br>GHZ-80012.22<br>KC-07005 | 21C1C<br>九 43.14<br>𠂔<br>T7-375D                 | 21C2F<br>尸 44.3<br>𠂔<br>GHX-0300.15<br>T6-244F |
| 21BF5<br>九 43.8<br>𠂔<br>GHX-0298.40<br>T5-3174 | 21C09<br>九 43.10<br>𠂔<br>GHZ-80012.23<br>T4-427A  | 21C1D<br>九 43.18<br>𠂔<br>GHX-0299.23<br>T4-6639  | 21C30<br>尸 44.3<br>𠂔<br>TF-2244                |
| 21BF6<br>九 43.8<br>𠂔<br>GHX-0298.42<br>T6-4776 | 21C0A<br>九 43.10<br>𠂔<br>T6-5C34                  | 21C1E<br>九 43.18<br>𠂔<br>GHZ-10557.18            | 21C31<br>尸 44.3<br>𠂔<br>GHZ-20965.09           |
| 21BF7<br>九 43.8<br>𠂔<br>GHX-0298.43<br>T6-4774 | 21C0B<br>九 43.11<br>𠂔<br>GHX-0299.12<br>T5-4540   | 21C1F<br>九 43.19<br>𠂔<br>GHX-0299.24             | 21C32<br>尸 44.3<br>𠂔<br>GHZ-20966.04           |
| 21BF8<br>九 43.8<br>𠂔<br>T6-4775                | 21C0C<br>九 43.11<br>𠂔<br>GHX-0299.13<br>T5-453F   | 21C20<br>九 43.19<br>𠂔<br>GHZ-10557.19<br>T4-6867 | 21C33<br>尸 44.3<br>𠂔<br>GHZ-20966.07           |
| 21BF9<br>九 43.9<br>𠂔<br>GHX-0299.02            | 21C0D<br>九 43.11<br>𠂔<br>T6-5C35                  | 21C21<br>九 43.22<br>𠂔<br>GHX-0299.25             | 21C34<br>尸 44.2<br>𠂔<br>GHZ-80007.13           |
| 21BFA<br>九 43.9<br>𠂔<br>GHX-0299.03<br>T4-372A | 21C0E<br>九 43.11<br>𠂔<br>GHZ-10557.04<br>T5-4541  | 21C22<br>九 43.22<br>𠂔<br>GHZ-10557.21<br>T5-7926 | 21C35<br>尸 44.4<br>𠂔<br>GHX-0300.21            |
| 21BFB<br>九 43.9<br>𠂔<br>GHX-0299.04<br>T6-4777 | 21C0F<br>九 43.11<br>𠂔<br>V2-7A60                  | 21C23<br>尸 44.0<br>𠂔<br>T6-213E                  | 21C36<br>尸 44.4<br>𠂔<br>GHX-0300.24<br>T6-2729 |
| 21BFC<br>九 43.9<br>𠂔<br>TF-3A51                | 21C10<br>九 43.12<br>𠂔<br>GHX-0299.16<br>T7-2D3D   | 21C24<br>尸 44.2<br>𠂔<br>GHX-0300.01<br>T4-2175   | 21C37<br>尸 44.4<br>𠂔<br>TF-2374                |
| 21BFD<br>九 43.9<br>𠂔<br>GHZ-10555.04           | 21C11<br>九 43.12<br>𠂔<br>GHX-0299.17<br>T7-223E   | 21C25<br>尸 44.2<br>𠂔<br>GHX-0300.04<br>T4-2174   |                                                |
| 21BFE<br>九 43.9<br>𠂔<br>GHZ-10555.09           | 21C12<br>九 43.12<br>𠂔<br>GHX-0299.18<br>T7-223D   |                                                  |                                                |



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|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------|
| 21F7E<br>山 46.14<br>藍<br>V2-7478                | 21F90<br>山 46.15<br>嶙 嶙<br>GHZ-10804.10 T7-3F45 | 21FA2<br>山 46.16<br>憲<br>TF-6230                | 21FB6<br>山 46.17<br>應<br>TF-6529                 |
| 21F7F<br>山 46.14<br>崇<br>GHZ-10804.04           | 21F91<br>山 46.15<br>嶲 嶲<br>GHZ-10804.20 T7-3F48 | 21FA3<br>山 46.16<br>嶺<br>TF-6231                | 21FB7<br>山 46.17<br>巖 巖<br>GHZ-10806.11 T7-4D56  |
| 21F80<br>山 46.14<br>岑 岑<br>GHZ-10802.18 T5-5B40 | 21F92<br>山 46.15<br>嶸<br>GHZ-10805.01           | 21FA4<br>山 46.16<br>摩 摩<br>TF-6232 VN-21FA4     | 21FB8<br>山 46.17<br>婁<br>GHZ-80016.27            |
| 21F81<br>山 46.14<br>通<br>G4K-28182              | 21F93<br>山 46.15<br>嶺<br>GHZ-10805.08           | 21FA5<br>山 46.16<br>嶺<br>GHZ-10805.16           | 21FB9<br>山 46.17<br>嶺<br>GHZ-80016.28            |
| 21F82<br>山 46.15<br>嶺 嶺<br>GKX-0321.38 T7-465A  | 21F94<br>山 46.15<br>𡵓 𡵓<br>GHZ-80016.25 T5-6156 | 21FA6<br>山 46.16<br>嶺 嶺<br>GHZ-10805.17 T7-4661 | 21FBA<br>山 46.17<br>嶺 嶺<br>GHZ-80017.01 KC-07996 |
| 21F83<br>山 46.15<br>截<br>GKX-0321.39            | 21F95<br>山 46.15<br>蕩 蕩<br>GHZ-10804.18 T5-6157 | 21FA7<br>山 46.16<br>𡵓 𡵓<br>GHZ-10805.18 T7-4662 | 21FBB<br>山 46.14<br>藏 藏<br>GKX-0322.31 T5-5B3E   |
| 21F84<br>山 46.15<br>數<br>GKX-0321.40            | 21F96<br>山 46.15<br>碓<br>GHZ-80016.22           | 21FA8<br>山 46.16<br>裛<br>GHZ-10805.23           | 21FBC<br>山 46.18<br>巒 巒<br>GKX-0322.33 T5-6F78   |
| 21F85<br>山 46.15<br>嶺 嶺<br>GKX-0321.41 T5-6154  | 21F97<br>大 37.15<br>嶸<br>GHZ-10804.16           | 21FA9<br>山 46.16<br>𡵓 𡵓<br>GHZ-10806.04 T7-465B | 21FBD<br>山 46.18<br>嶺 嶺<br>GKX-0322.38 T5-6F7A   |
| 21F86<br>山 46.15<br>嶺 嶺<br>VN-21F85             | 21F98<br>山 46.16<br>嶺 嶺<br>GKX-0322.07 T7-465C  | 21FAA<br>山 46.16<br>嶺<br>GHZ-80016.26           | 21FBE<br>山 46.18<br>嶺 嶺<br>GKX-0322.39 T5-6F79   |
| 21F87<br>山 46.15<br>嶺 嶺<br>GKX-0321.42 T7-3F47  | 21F99<br>山 46.16<br>嶺 嶺<br>GKX-0322.10 T4-5F5B  | 21FAB<br>山 46.16<br>嶺<br>V2-7479                | 21FBF<br>山 46.18<br>嶺<br>G4K-26753               |
| 21F88<br>山 46.15<br>嶺 嶺<br>GKX-0321.43 T4-5A7E  | 21F9A<br>山 46.16<br>嶺 嶺<br>GKX-0322.11 T7-465E  | 21FAC<br>山 46.16<br>嶺<br>V2-747A                | 21FC0<br>山 46.18<br>嶺<br>GHZ-10807.05            |
| 21F89<br>山 46.15<br>嶺 嶺<br>VN-21F87             | 21F9B<br>山 46.16<br>嶺 嶺<br>GKX-0322.12 T5-6765  | 21FAD<br>山 46.16<br>嶺<br>V2-747B                | 21FC1<br>山 46.18<br>嶺 嶺<br>GHZ-10807.07 T7-5332  |
| 21F8A<br>山 46.15<br>嶺 嶺<br>GKX-0321.44 T5-6151  | 21F9C<br>山 46.16<br>嶺 嶺<br>GKX-0322.13 T4-5F59  | 21FAE<br>山 46.17<br>嶺 嶺<br>GKX-0322.21 T4-6338  | 21FC2<br>山 46.18<br>嶺<br>GHZ-10807.14            |
| 21F8B<br>山 46.15<br>嶺 嶺<br>GKX-0322.01 T5-6152  | 21F9D<br>山 46.16<br>嶺 嶺<br>VN-21F9C             | 21FAF<br>山 46.17<br>嶺 嶺<br>GKX-0322.22 T7-4D55  | 21FC3<br>山 46.18<br>嶺<br>GHZ-10807.15            |
| 21F8C<br>山 46.15<br>嶺 嶺<br>GKX-0322.03 T7-3F49  | 21F9E<br>山 46.16<br>嶺 嶺<br>GKX-0322.16 T7-465D  | 21FB0<br>山 46.17<br>嶺 嶺<br>GKX-0322.25 T4-6337  | 21FC4<br>山 46.18<br>嶺<br>GHZ-80017.02            |
| 21F8D<br>山 46.15<br>嶺 嶺<br>GKX-0322.04 TF-5E59  | 21F9F<br>山 46.16<br>嶺 嶺<br>GKX-0322.17 T7-465F  | 21FB1<br>山 46.17<br>嶺 嶺<br>GKX-0322.26 T5-6B7E  | 21FC5<br>山 46.18<br>嶺<br>V2-747C                 |
| 21F8E<br>山 46.15<br>嶺 嶺<br>GKX-0322.05 T5-6153  | 21F9G<br>山 46.16<br>嶺 嶺<br>H-98A9               | 21FB2<br>山 46.17<br>嶺 嶺<br>GKX-0322.29 T7-4D57  | 21FC6<br>山 46.18<br>嶺 嶺<br>GHZ-10807.10 T7-5331  |
| 21F8F<br>山 46.15<br>嶺 嶺<br>GKX-0322.06 T7-3F46  | 21FA0<br>山 46.15<br>嶺 嶺<br>G4K-21628            | 21FB3<br>山 46.17<br>嶺<br>G4K-28662              | 21FC7<br>山 46.19<br>嶺 嶺<br>GKX-0322.40 T5-733B   |
| 21F8E<br>山 46.15<br>嶺 嶺<br>TF-5E58              | 21FA1<br>山 46.16<br>嶺 嶺<br>H-9CFD               | 21FB4<br>山 46.17<br>嶺<br>G4K-24974              | 21FC8<br>山 46.19<br>嶺 嶺<br>GKX-0322.42 T4-6869   |
| 21F8F<br>山 46.15<br>嶺<br>GHZ-10804.09           |                                                 | 21FB5<br>山 46.17<br>嶺<br>V0-4625                |                                                  |

|                                                |                                               |                                                   |                                                |
|------------------------------------------------|-----------------------------------------------|---------------------------------------------------|------------------------------------------------|
| 22AA0<br>手 64.4<br>𢦏 𢦏<br>TF-243F VN-22AA0     | 22AB4<br>手 64.5<br>𢦏 𢦏<br>GKX-0422.17 T6-2B5E | 22AC6<br>手 64.5<br>𢦏 𢦏<br>TF-2726 V0-3739         | 22AD9<br>手 64.5<br>𢦏<br>V0-3731                |
| 22AA1<br>手 64.4<br>𢦏<br>TF-2440                | 22AB5<br>手 64.5<br>𢦏 𢦏<br>GKX-0422.18 T6-2B5F | 22AC7<br>手 64.5<br>𢦏<br>TF-2727                   | 22ADA<br>手 64.5<br>𢦏<br>V2-764D                |
| 22AA2<br>手 64.4<br>𢦏<br>TF-2441                | 22AB6<br>手 64.5<br>𢦏 𢦏<br>GKX-0424.03 T6-2B61 | 22AC8<br>手 64.5<br>𢦏 𢦏<br>TF-2728 V0-3733         | 22ADB<br>手 64.5<br>𢦏<br>V0-3736                |
| 22AA3<br>手 64.4<br>𢦏<br>TF-2443                | 22AB7<br>手 64.5<br>𢦏 𢦏<br>GKX-0424.17 T5-263B | 22AC9<br>手 64.5<br>𢦏<br>TF-2729                   | 22ADC<br>手 64.5<br>𢦏<br>V2-764E                |
| 22AA4<br>手 64.4<br>𢦏<br>TF-2444                | 22AB8<br>手 64.5<br>𢦏 𢦏<br>V2-764A T5-293A     | 22ACA<br>手 64.5<br>𢦏 𢦏<br>TF-272A VN-22ACA        | 22ADD<br>手 64.5<br>𢦏<br>V0-3737                |
| 22AA5<br>手 64.4<br>𢦏 𢦏<br>GHZ-31832.12 V2-764C | 22AB9<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.08 T5-293A | 22ACB<br>手 64.5<br>𢦏<br>TF-272B                   | 22ADE<br>手 64.5<br>𢦏<br>V2-764F                |
| 22AA6<br>手 64.4<br>𢦏<br>GHZ-31834.06           | 22ABA<br>手 64.5<br>𢦏 𢦏<br>J4-2D24 T5-263C     | 22ACC<br>手 64.5<br>𢦏 𢦏<br>TF-272C V2-7653         | 22ADF<br>手 64.5<br>𢦏<br>V0-3738                |
| 22AA7<br>手 64.4<br>𢦏 𢦏<br>GHZ-31837.08 TF-2445 | 22ABB<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.09 T6-2B64 | 22ACD<br>手 64.5<br>𢦏<br>TF-272D                   | 22AE0<br>手 64.5<br>𢦏<br>V2-7650                |
| 22AA8<br>手 64.4<br>𢦏<br>GHC                    | 22ABC<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.10 T6-2B64 | 22ACE<br>手 64.5<br>𢦏<br>TF-272E                   | 22AE1<br>手 64.5<br>𢦏<br>V2-7651                |
| 22AA9<br>手 64.4<br>𢦏<br>TF-243A                | 22ABD<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.11 T6-3148 | 22ACF<br>手 64.5<br>𢦏<br>H-8ACB                    | 22AE2<br>手 64.5<br>𢦏 𢦏<br>GHZ-31854.04 T5-263E |
| 22AAA<br>手 64.4<br>𢦏<br>GHZ-80025.01           | 22ABE<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.12 T5-263D | 22AD0<br>手 64.5<br>𢦏<br>GHZ-31851.03              | 22AE3<br>手 64.5<br>𢦏<br>V0-372C                |
| 22AAB<br>手 64.4<br>𢦏<br>GHZ-80025.02           | 22ABF<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.13 T6-314A | 22AD1<br>手 64.5<br>𢦏 𢦏<br>GHZ-31856.03 V2-7647    | 22AE4<br>手 64.6<br>𢦏 𢦏<br>GKX-0428.07 T6-3152  |
| 22AAC<br>手 64.4<br>𢦏<br>GHZ-80025.03           | 22AC0<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.14 T5-263C | 22AD2<br>手 64.5<br>𢦏<br>GHZ-31860.04              | 22AE5<br>手 64.6<br>𢦏 𢦏<br>GKX-0428.08 T6-3154  |
| 22AAD<br>手 64.4<br>𢦏 𢦏<br>K4-0045 V2-7643      | 22AC1<br>手 64.5<br>𢦏<br>GKX-0427.15 T6-3149   | 22AD3<br>手 64.5<br>𢦏 𢦏<br>GHZ-31860.05 VN-22AD3   | 22AE6<br>手 64.6<br>𢦏 𢦏<br>GKX-0428.09 T4-2958  |
| 22AAE<br>手 64.4<br>𢦏<br>V0-3725                | 22AC2<br>手 64.5<br>𢦏 𢦏<br>GKX-0427.16 T6-3147 | 22AD4<br>手 64.5<br>𢦏 𢦏<br>GHZ-80025.05 TF-2725    | 22AE7<br>手 64.6<br>𢦏 𢦏<br>H-89CD               |
| 22AAF<br>手 64.4<br>𢦏<br>V0-3729                | 22AC3<br>手 64.5<br>𢦏 𢦏<br>GFZ-FA28 T6-2B62    | 22AD5<br>手 64.5<br>𢦏 𢦏<br>VN-22AD4 V2-7654 H-9B57 | 22AE8<br>手 64.6<br>𢦏 𢦏<br>GKX-0428.12 T4-294F  |
| 22AB0<br>手 64.4<br>𢦏<br>V2-7644                | 22AC4<br>手 64.5<br>𢦏 𢦏<br>V2-7648             | 22AD6<br>手 64.5<br>𢦏<br>V2-764B                   | 22AE9<br>手 64.6<br>𢦏 𢦏<br>GKX-0428.13 T4-2950  |
| 22AB1<br>手 64.4<br>𢦏<br>V0-372A                | 22AC5<br>手 64.5<br>𢦏 𢦏<br>V3-315B             | 22AD7<br>手 64.5<br>𢦏<br>V2-7655                   | 22AEA<br>手 64.6<br>𢦏 𢦏<br>GKX-0429.03 T6-376D  |
| 22AB2<br>手 64.4<br>𢦏<br>V2-7645                |                                               | 22AD8<br>手 64.5<br>𢦏<br>V3-315F                   |                                                |
| 22AB3<br>手 64.4<br>𢦏<br>V2-7649                |                                               |                                                   |                                                |

|                                                |                                                |                                                |                                                 |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| 230DE<br>方 70.5<br>𐪗 𐪗<br>GKX-0482.08 T6-3164  | 230F2<br>方 70.6<br>旗<br>V2-783C                | 23106<br>方 70.8<br>旅<br>GHZ-80028.12           | 2311A<br>方 70.12<br>𐪗 𐪗<br>GKX-0485.05 T7-3843  |
| 230DF<br>方 70.5<br>𐪗 𐪗<br>GKX-0482.10 T6-3163  | 230F3<br>方 70.7<br>旃 旃<br>GKX-0483.13 T4-3233  | 23107<br>方 70.8<br>旃<br>V0-393E                | 2311B<br>方 70.12<br>旃<br>GHC                    |
| 230E0<br>方 70.5<br>旃<br>GHC                    | 230F4<br>方 70.7<br>旃<br>GKX-0483.14            | 23108<br>方 70.9<br>旃 旃<br>GKX-0484.16 T6-5338  | 2311C<br>方 70.12<br>旃<br>GHZ-32184.09           |
| 230E1<br>方 70.5<br>旃<br>TF-2B30                | 230F5<br>方 70.7<br>旃 旃<br>GKX-0484.08 T4-3235  | 23109<br>方 70.9<br>旃 旃<br>GKX-0484.17 T5-3F60  | 2311D<br>方 70.13<br>旃 旃<br>GKX-0485.06 T5-5B5F  |
| 230E2<br>方 70.5<br>旃 旃<br>GHZ-32177.01 T6-3162 | 230F6<br>方 70.7<br>旃<br>GHZ-80028.11           | 2310A<br>方 70.9<br>旃 旃<br>GKX-0484.22 T6-5339  | 2311E<br>方 70.14<br>旃 旃<br>GKX-0485.08 T7-3F73  |
| 230E3<br>方 70.5<br>旃<br>V2-7839                | 230F7<br>方 70.7<br>旃<br>T6-404A                | 2310B<br>方 70.9<br>旃<br>TF-416E                | 2311F<br>方 70.14<br>旃 旃<br>GKX-0485.10 T5-6171  |
| 230E4<br>方 70.5<br>旃<br>V2-783A                | 230F8<br>方 70.7<br>旃<br>TF-353A                | 2310C<br>方 70.9<br>旃<br>TF-416F                | 23120<br>方 70.14<br>旃 旃<br>GKX-0485.11 T4-5B3D  |
| 230E5<br>方 70.5<br>旃<br>K4-004C                | 230F9<br>方 70.7<br>旃<br>TF-353B                | 2310D<br>方 70.9<br>旃<br>GHZ-32183.06           | 23121<br>方 70.14<br>旃 旃<br>GKX-0485.12 T7-3F74  |
| 230E6<br>方 70.6<br>旃 旃<br>GKX-0482.16 T4-2D4A  | 230FA<br>方 70.7<br>旃<br>V2-783D                | 2310E<br>方 70.10<br>旃 旃<br>GKX-0484.23 T5-4638 | 23122<br>方 70.14<br>旃 旃<br>GKX-0485.13 T7-3F72  |
| 230E7<br>方 70.6<br>旃 旃<br>GKX-0483.01 T5-2D77  | 230FB<br>方 70.7<br>旃 旃<br>GHZ-32180.03 T6-4049 | 2310F<br>方 70.10<br>旃 旃<br>GKX-0484.24 T5-463A | 23123<br>方 70.14<br>旃<br>GHC                    |
| 230E8<br>方 70.6<br>旃 旃<br>GKX-0483.07 T6-3831  | 230FC<br>方 70.8<br>旃 旃<br>GKX-0484.09 T6-4969  | 23110<br>方 70.10<br>旃 旃<br>GKX-0484.25 T6-5D52 | 23124<br>方 70.15<br>旃 旃<br>GHZ-32185.09 T7-473A |
| 230E9<br>方 70.6<br>旃 旃<br>GKX-0483.09 T6-3833  | 230FD<br>方 70.8<br>旃 旃<br>GKX-0484.10 T5-3925  | 23111<br>方 70.10<br>旃 旃<br>GKX-0484.27 T5-4639 | 23125<br>方 70.16<br>旃<br>V2-7840                |
| 230EA<br>方 70.6<br>旃 旃<br>GKX-0483.10 T6-3835  | 230FE<br>方 70.8<br>旃 旃<br>GKX-0484.11 T5-3924  | 23112<br>方 70.10<br>旃<br>V0-4423               | 23126<br>方 70.17<br>旃 旃<br>GKX-0485.18 T7-5345  |
| 230EB<br>方 70.6<br>旃<br>TF-2F67                | 230FF<br>方 70.8<br>旃 旃<br>GKX-0484.13 T6-4968  | 23113<br>方 70.10<br>旃<br>GHZ-32184.03          | 23127<br>方 70.18<br>旃 旃<br>GKX-0485.19 T4-686D  |
| 230EC<br>方 70.6<br>旃<br>TF-2F68                | 23100<br>方 70.8<br>旃 旃<br>GKX-0484.14 T6-496A  | 23114<br>方 70.11<br>旃 旃<br>GKX-0484.29 T7-2356 | 23128<br>方 70.18<br>旃 旃<br>GKX-0485.20 T7-577E  |
| 230ED<br>方 70.6<br>旃<br>TF-2F69                | 23101<br>方 70.8<br>旃 旃<br>GKX-0484.15 T6-4967  | 23115<br>方 70.11<br>旃<br>GHC                   | 23129<br>方 70.19<br>旃<br>GHZ-32186.02           |
| 230EE<br>方 70.6<br>旃<br>TF-2F6A                | 23102<br>方 70.8<br>旃<br>TF-3B4F                | 23116<br>方 70.11<br>旃<br>V2-783F               | 2312A<br>方 70.20<br>旃 旃<br>GKX-0485.22 T7-5E6C  |
| 230EF<br>方 70.6<br>旃 旃<br>GHZ-32178.05 T6-3832 | 23103<br>方 70.8<br>旃<br>H-93CA                 | 23117<br>方 70.12<br>旃<br>TF-4F35               | 2312B<br>方 70.21<br>旃<br>T7-6070                |
| 230F0<br>方 70.6<br>旃<br>GHZ-80028.10           | 23104<br>方 70.8<br>旃<br>TF-3B50                | 23118<br>方 70.12<br>旃 旃<br>GKX-0485.02 T7-2E53 | 2312C<br>方 70.22<br>旃<br>V2-7841                |
| 230F1<br>方 70.6<br>旃<br>V2-783B                | 23105<br>方 70.8<br>旃<br>GHZ-32183.03           | 23119<br>方 70.12<br>旃 旃<br>GKX-0485.03 T5-5468 | 2312D<br>无 71.2<br>旃<br>GHZ-80019.10            |

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|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------------------|
| 2334E<br>日 73.12<br>𩇛<br>GHZ-80023.06          | 23362<br>月 74.3<br>𩇛 𩇛<br>GKX-0504.26 T6-2828  | 23375<br>月 74.7<br>𩇛 𩇛<br>GHZ-32079.18 T6-4059 | 23387<br>月 74.9<br>𩇛<br>GHC                                |
| 2334F<br>日 73.13<br>𩇜 𩇜<br>GKX-0504.10 T5-5B63 | 23363<br>月 74.3<br>𩇛 𩇛<br>GKX-0504.27 T6-2826  | 𩇛<br>VN-23375                                  | 23388<br>月 74.9<br>𩇛<br>GFZ-F94B                           |
| 23350<br>日 73.13<br>𩇝<br>GHZ-21538.20          | 23364<br>月 74.4<br>𩇛 𩇛<br>GHZ-32049.02 T6-2C22 | 23376<br>月 74.7<br>𩇞 𩇞<br>GHZ-32079.06 T6-405B | 23389<br>月 74.9<br>𩇟<br>TF-3B60                            |
| 23351<br>日 73.14<br>𩇞 𩇞<br>GKX-0504.12 T7-3F7A | 23365<br>月 74.5<br>𩇟 𩇟<br>GKX-0505.06 T5-2954  | 23377<br>月 74.8<br>𩇟 𩇟<br>GKX-0506.05 T6-497D  | 2338A<br>月 74.9<br>𩇟 𩇟<br>TF-417E V2-8154                  |
| 23352<br>日 73.14<br>𩇟<br>T5-6174               | 23366<br>月 74.5<br>𩇟 𩇟<br>GKX-0505.07 T4-2969  | 23378<br>月 74.8<br>𩇟 𩇟<br>GKX-0506.06 T6-497C  | 2338B<br>月 74.9<br>𩇟<br>TF-4221                            |
| 23353<br>日 73.14<br>𩇟<br>T7-3F79               | 23367<br>月 74.5<br>𩇟 𩇟<br>GKX-0505.11 T4-296A  | 23379<br>月 74.8<br>𩇟 𩇟<br>GKX-0506.16 T6-405A  | 2338C<br>月 74.9<br>𩇟 𩇟<br>GHZ-32099.05 T6-5348             |
| 23354<br>日 73.14<br>𩇟<br>T7-3F77               | 23368<br>肉 130.5<br>𩇟<br>G4K-22281             | 2337A<br>月 74.8<br>𩇟 𩇟<br>GKX-0506.17 T5-392D  | 2338D<br>月 74.10<br>𩇟 𩇟<br>GKX-0506.22 T6-5D5D             |
| 23355<br>日 73.14<br>𩇟<br>V0-4379               | 23369<br>月 74.5<br>𩇟<br>G4K-26001              | 2337B<br>月 74.8<br>𩇟<br>G4K-28190              | 2338E<br>月 74.10<br>𩇟<br>GKX-0506.25                       |
| 23356<br>日 73.15<br>𩇟 𩇟<br>GKX-0504.13 T4-5F6D | 2336A<br>月 74.5<br>𩇟 𩇟<br>G4K-26759 VN-2336A   | 2337C<br>月 74.8<br>𩇟<br>TF-3946                | 2338F<br>月 74.10<br>𩇟<br>V0-4375                           |
| 23357<br>日 73.15<br>𩇟<br>V2-787D               | 2336B<br>月 74.5<br>𩇟<br>TF-2B3A                | 2337D<br>月 74.8<br>𩇟<br>GHC                    | 23390<br>月 74.10<br>𩇟<br>T6-5D5E                           |
| 23358<br>日 73.16<br>𩇟 𩇟<br>GKX-0504.14 T7-4D7A | 2336C<br>月 74.5<br>𩇟 𩇟<br>GHZ-32061.10 T6-3171 | 2337E<br>月 74.8<br>𩇟<br>G4K-28191              | 23391<br>月 74.10<br>𩇟<br>GCH                               |
| 23359<br>日 73.16<br>𩇟 𩇟<br>GKX-0504.15 T7-4D7B | 2336D<br>月 74.6<br>𩇟<br>GKX-0505.14            | 2337F<br>月 74.8<br>𩇟<br>GHC                    | 23392<br>月 74.11<br>𩇟 𩇟<br>GKX-0506.26 T7-2364<br>KC-08031 |
| 2335A<br>日 73.20<br>𩇟<br>GHZ-21543.06          | 2336E<br>月 74.6<br>𩇟 𩇟<br>GKX-0505.18 T6-3843  | 23380<br>月 74.8<br>𩇟<br>V0-3967                | 23393<br>月 74.11<br>𩇟 𩇟<br>GKX-0506.27 T4-4A34             |
| 2335B<br>日 73.24<br>𩇟 𩇟<br>GKX-0504.17 T5-7B3F | 2336F<br>肉 130.6<br>𩇟<br>GCH                   | 23381<br>月 74.8<br>𩇟<br>TF-3B61                | 23394<br>月 74.11<br>𩇟 𩇟<br>GKX-0506.28 T5-4D59             |
| 2335C<br>日 73.31<br>𩇟 𩇟<br>GKX-0504.18 T7-668E | 23370<br>肉 130.6<br>𩇟<br>GCH                   | 23382<br>月 74.8<br>𩇟<br>TF-3B62                | 23395<br>月 74.11<br>𩇟<br>GHZ-32108.11                      |
| 2335D<br>月 74.1<br>𩇟 𩇟<br>GHZ-32041.02 T6-232D | 23371<br>月 74.7<br>𩇟<br>GHC                    | 23383<br>月 74.8<br>𩇟<br>V0-3969                | 23396<br>月 74.11<br>𩇟<br>V0-396A                           |
| 2335E<br>月 74.2<br>𩇟 𩇟<br>GKX-0504.22 T6-247D  | 23372<br>月 74.7<br>𩇟<br>J4-2E3A                | 23384<br>月 74.9<br>𩇟 𩇟<br>GKX-0506.18 T6-5347  | 23397<br>月 74.11<br>𩇟<br>T4-4A33                           |
| 2335F<br>月 74.3<br>𩇟 𩇟<br>GKX-0504.23 T5-2444  | 23373<br>月 74.7<br>𩇟<br>TF-354B                | 23385<br>月 74.9<br>𩇟 𩇟<br>GKX-0506.20 T5-3F67  | 23398<br>月 74.11<br>𩇟<br>TF-4F3B                           |
| 23360<br>月 74.3<br>𩇟 𩇟<br>GKX-0504.24 T6-2829  | 23374<br>月 74.7<br>𩇟 𩇟<br>GHZ-32077.06 T5-3276 | 𩇟<br>K4-00B4                                   | 23399<br>月 74.11<br>𩇟<br>TF-4F3C                           |
| 23361<br>月 74.3<br>𩇟 𩇟<br>GKX-0504.25 T6-2827  |                                                | 23386<br>月 74.9<br>𩇟<br>G4K-15394              |                                                            |

|                                       |                                       |                                      |                                      |
|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| 2385A<br>木 75.20<br>𣎵<br>V2-7A25      | 2386E<br>木 75.21<br>欒<br>TF-6C2D      | 23882<br>欠 76.3<br>𠂔<br>GKX-0565.08  | 23896<br>欠 76.4<br>𠂔<br>GHZ-32136.09 |
| 2385B<br>木 75.20<br>𣎵<br>GHZ-21325.05 | 2386F<br>木 75.22<br>欒<br>V2-7A27      | 23883<br>欠 76.3<br>𠂔<br>GKX-0565.10  | 23897<br>欠 76.5<br>𠂔<br>GKX-0566.19  |
| 2385C<br>木 75.20<br>𣎵<br>TF-6A58      | 23870<br>木 75.22<br>𣎵<br>GHZ-21327.04 | 23884<br>欠 76.3<br>𠂔<br>GKX-0565.11  | 23898<br>欠 76.5<br>𠂔<br>GKX-0566.20  |
| 2385D<br>木 75.20<br>𣎵<br>V2-7A23      | 23871<br>木 75.22<br>欒<br>TF-6C4C      | 23885<br>欠 76.3<br>𠂔<br>GKX-0565.12  | 23899<br>欠 76.5<br>𠂔<br>GKX-0566.23  |
| 2385E<br>木 75.21<br>𣎵<br>GKX-0564.11  | 23872<br>木 75.23<br>欒<br>TF-6C63      | 23886<br>欠 76.3<br>𠂔<br>GKX-0565.13  | 2389A<br>欠 76.5<br>𠂔<br>GKX-0566.25  |
| 2385F<br>木 75.21<br>𣎵<br>GKX-0564.12  | 23873<br>夕 36.24<br>𣎵<br>GHZ-21327.06 | 23887<br>欠 76.3<br>𠂔<br>GKX-0565.15  | 2389B<br>欠 76.5<br>𠂔<br>GKX-0566.26  |
| 23860<br>木 75.21<br>𣎵<br>GKX-0564.18  | 23874<br>木 75.23<br>𣎵<br>GHZ-21327.07 | 23888<br>欠 76.3<br>𠂔<br>GHZ-32134.03 | 2389C<br>欠 76.5<br>𠂔<br>GKX-0566.29  |
| 23861<br>木 75.21<br>欒<br>GHC          | 23875<br>木 75.23<br>欒<br>GHZ-80022.04 | 23889<br>欠 76.4<br>𠂔<br>GKX-0566.01  | 2389D<br>欠 76.5<br>𠂔<br>GKX-0566.32  |
| 23862<br>木 75.21<br>欒<br>TF-6C2C      | 23876<br>木 75.24<br>欒<br>GKX-0564.24  | 2388A<br>欠 76.4<br>𠂔<br>GKX-0566.02  | 2389E<br>欠 76.5<br>𠂔<br>GKX-0567.01  |
| 23863<br>木 75.21<br>欒<br>GHZ-80022.03 | 23877<br>木 75.24<br>欒<br>GKX-0564.25  | 2388B<br>欠 76.4<br>𠂔<br>GKX-0566.03  | 2389F<br>欠 76.5<br>𠂔<br>GKX-0567.03  |
| 23864<br>木 75.21<br>欒<br>V2-7A26      | 23878<br>木 75.24<br>欒<br>GHZ-80022.05 | 2388C<br>欠 76.4<br>𠂔<br>GKX-0566.05  | 238A0<br>欠 76.5<br>𠂔<br>GKX-0567.04  |
| 23865<br>木 75.21<br>欒<br>GHZ-21326.02 | 23879<br>木 75.25<br>欒<br>V0-3A6E      | 2388D<br>欠 76.4<br>𠂔<br>GKX-0566.06  | 238A1<br>欠 76.5<br>𠂔<br>GKX-0567.05  |
| 23866<br>木 75.21<br>欒<br>GHZ-21326.04 | 2387A<br>木 75.26<br>𣎵<br>GKX-0564.27  | 2388E<br>欠 76.4<br>𠂔<br>GKX-0566.07  | 238A2<br>欠 76.5<br>𠂔<br>GKX-0567.06  |
| 23867<br>木 75.21<br>欒<br>GHZ-21326.08 | 2387B<br>木 75.26<br>欒<br>TF-6D2F      | 2388F<br>欠 76.4<br>𠂔<br>GKX-0566.09  | 238A3<br>欠 76.5<br>𠂔<br>T5-295D      |
| 23868<br>木 75.21<br>欒<br>TF-6B52      | 2387C<br>木 75.27<br>欒<br>GKX-0564.28  | 23890<br>欠 76.4<br>𠂔<br>GKX-0566.11  | 238A4<br>欠 76.5<br>𠂔<br>GHZ-32136.16 |
| 23869<br>木 75.22<br>欒<br>GKX-0564.19  | 2387D<br>木 75.28<br>𣎵<br>GHZ-21327.12 | 23891<br>欠 76.4<br>𠂔<br>GKX-0566.14  | 238A5<br>欠 76.5<br>𠂔<br>GHZ-32137.03 |
| 2386A<br>木 75.22<br>欒<br>GKX-0564.22  | 2387E<br>木 75.28<br>𣎵<br>GHZ-21327.13 | 23892<br>欠 76.4<br>𠂔<br>GKX-0566.16  | 238A6<br>欠 76.5<br>𠂔<br>GHZ-32137.07 |
| 2386B<br>木 75.22<br>欒<br>GKX-0564.23  | 2387F<br>木 75.30<br>欒<br>GHZ-80022.06 | 23893<br>欠 76.4<br>𠂔<br>GKX-0566.18  | 238A7<br>欠 76.6<br>𠂔<br>GKX-0567.07  |
| 2386C<br>木 75.22<br>欒<br>GHC          | 23880<br>欠 76.2<br>𠂔<br>GHZ-32134.01  | 23894<br>欠 76.4<br>𠂔<br>TF-2756      | 238A8<br>欠 76.6<br>𠂔<br>GKX-0567.09  |
| 2386D<br>木 75.22<br>欒<br>T4-6D55      | 23881<br>欠 76.3<br>𠂔<br>GKX-0565.07   | 23895<br>欠 76.4<br>𠂔<br>GHZ-32135.05 |                                      |



|                                                                                            |                                               |                                                |                                           |
|--------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------------------------------------|
| 23D88<br>水 85.8<br>涸 涸<br>GKX-0630.14 T4-3260                                              | 23D98<br>水 85.8<br>涸 涸<br>GKX-0633.11 T5-3341 | 23DAC<br>水 85.8<br>涸 涸<br>G4K-10276            | 23DC0<br>水 85.8<br>涸 涸<br>TF-3621         |
| 23D89<br>水 85.8<br>涸 涸<br>V2-7A4A                                                          | 23D99<br>水 85.8<br>涸 涸<br>GKX-0633.12 T6-4A58 | 23DAD<br>水 85.8<br>涸 涸<br>GBK                  | 23DC1<br>水 85.8<br>涸 涸<br>TF-3622         |
| 23D8A<br>水 85.8<br>涸 涸<br>GKX-0630.17 T6-4A64                                              | 23D9A<br>水 85.8<br>涸 涸<br>GKX-0633.13 T6-4A59 | 23DAE<br>水 85.8<br>涸 涸<br>G4K-13633            | 23DC2<br>水 85.8<br>涸 涸<br>TF-3623         |
| 23D8B<br>水 85.8<br>涸 涸<br>GKX-0630.21 T5-333F                                              | 23D9B<br>水 85.8<br>涸 涸<br>GKX-0633.14 T6-413E | 23DAF<br>水 85.8<br>涸 涸<br>G4K-25300            | 23DC3<br>水 85.8<br>涸 涸<br>TF-3625         |
| 23D8C<br>水 85.8<br>涸 涸<br>GKX-0631.03 T6-4142                                              | 23D9C<br>水 85.8<br>涸 涸<br>GKX-0633.15 T6-4144 | 23DB0<br>水 85.8<br>涸 涸<br>G4K-28198            | 23DC4<br>水 85.8<br>涸 涸<br>TF-3626         |
| 23D8D<br>水 85.8<br>涸 涸<br>GKX-0631.04 T5-333E                                              | 23D9D<br>水 85.8<br>涸 涸<br>GKX-0633.17 T5-3336 | 23DB1<br>水 85.8<br>涸 涸<br>G4K-28199            | 23DC5<br>水 85.8<br>涸 涸<br>TF-3627         |
| 23D8E<br>水 85.8<br>涸 涸<br>GKX-0631.05 T6-413F                                              | 23D9E<br>水 85.8<br>涸 涸<br>GKX-0633.19 T4-3262 | 23DB2<br>水 85.8<br>涸 涸<br>G4K-28200            | 23DC6<br>水 85.8<br>涸 涸<br>TF-3628         |
| 23D8F<br>水 85.8<br>涸 涸<br>GKX-0631.08 T4-3259<br>涸 涸<br>K6-101E H-957B<br>涸 涸<br>UTC-01244 | 23D9F<br>水 85.8<br>涸 涸<br>GKX-0633.22 T6-4140 | 23DB3<br>水 85.8<br>涸 涸<br>GBK                  | 23DC7<br>水 85.8<br>涸 涸<br>TF-362A         |
| 23D90<br>水 85.8<br>涸 涸<br>GKX-0631.16 T4-325F                                              | 23DA0<br>水 85.8<br>涸 涸<br>GKX-0633.23         | 23DB4<br>水 85.8<br>涸 涸<br>G4K-23DB4            | 23DC8<br>水 85.8<br>涸 涸<br>TF-362C         |
| 23D91<br>水 85.8<br>涸 涸<br>GKX-0632.03 T6-412C                                              | 23DA1<br>水 85.8<br>涸 涸<br>GKX-0633.28 T5-333B | 23DB5<br>水 85.8<br>涸 涸<br>GHZ-31647.06 T4-326E | 23DC9<br>水 85.8<br>涸 涸<br>TF-362E         |
| 23D92<br>水 85.8<br>涸 涸<br>GKX-0632.12 T4-252F                                              | 23DA2<br>水 85.8<br>涸 涸<br>GKX-0633.30 T6-412F | 23DB6<br>水 85.8<br>涸 涸<br>H-9ED2               | 23DCA<br>水 85.8<br>涸 涸<br>TF-362F         |
| 23D93<br>水 85.8<br>涸 涸<br>GKX-0633.01 T6-413B                                              | 23DA3<br>水 85.8<br>涸 涸<br>GKX-0633.31 T6-4132 | 23DB7<br>水 85.8<br>涸 涸<br>H-9753               | 23DCB<br>水 85.8<br>涸 涸<br>TF-3630         |
| 23D94<br>水 85.8<br>涸 涸<br>GKX-0633.03 T6-4130                                              | 23DA4<br>水 85.8<br>涸 涸<br>GKX-0633.34 T5-333A | 23DB8<br>水 85.8<br>涸 涸<br>H-96A4               | 23DCC<br>水 85.8<br>涸 涸<br>TF-3631         |
| 23D95<br>水 85.8<br>涸 涸<br>GKX-0633.05 T6-4A66                                              | 23DA5<br>水 85.8<br>涸 涸<br>GKX-0633.35 T5-3335 | 23DB9<br>水 85.8<br>涸 涸<br>H-8FBE               | 23DCD<br>水 85.8<br>涸 涸<br>TF-3632         |
| 23D96<br>水 85.8<br>涸 涸<br>GKX-0633.07 T5-3338                                              | 23DA6<br>水 85.8<br>涸 涸<br>GKX-0633.37 T4-326C | 23DBA<br>水 85.8<br>涸 涸<br>H-94D9               | 23DCE<br>水 85.8<br>涸 涸<br>TF-3636         |
| 23D97<br>水 85.8<br>涸 涸<br>GKX-0633.09                                                      | 23DA7<br>水 85.8<br>涸 涸<br>GBK                 | 23DBB<br>水 85.8<br>涸 涸<br>H-9058               | 23DCF<br>水 85.8<br>涸 涸<br>TF-3637         |
|                                                                                            | 23DA8<br>水 85.8<br>涸 涸<br>GHC                 | 23DBC<br>水 85.8<br>涸 涸<br>H-FD79               | 23DD0<br>水 85.8<br>涸 涸<br>TF-3638         |
|                                                                                            | 23DA9<br>水 85.8<br>涸 涸<br>GCH                 | 23DBD<br>水 85.8<br>涸 涸<br>H-FD7B               | 23DD1<br>水 85.8<br>涸 涸<br>TF-3639         |
|                                                                                            | 23DAA<br>水 85.8<br>涸 涸<br>G4K-30044           | 23DBE<br>水 85.8<br>涸 涸<br>T5-3337              | 23DD2<br>水 85.8<br>涸 涸<br>TF-363A         |
|                                                                                            | 23DAB<br>水 85.8<br>涸 涸<br>GCH                 | 23DBF<br>水 85.8<br>涸 涸<br>T6-413D              | 23DD3<br>水 85.8<br>涸 涸<br>TF-363B J4-6E60 |

|                                                   |                                                  |                                                  |                                                 |
|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| 23F0A<br>水 85.11<br>漚<br>TF-492E                  | 23F1E<br>水 85.11<br>漚<br>GHZ-31725.04            | 23F32<br>水 85.11<br>漚<br>V3-3353                 | 23F46<br>水 85.12<br>漚<br>GKX-0649.06<br>T4-4A60 |
| 23F0B<br>水 85.11<br>漚<br>TF-4930                  | 23F1F<br>水 85.11<br>漚<br>GHZ-31728.02<br>T6-5E35 | 23F33<br>水 85.11<br>漚<br>V0-3B67                 | 23F47<br>水 85.12<br>漚<br>GKX-0649.13<br>T7-245A |
| 23F0C<br>水 85.11<br>漚<br>TF-4931                  | 23F20<br>水 85.11<br>漚<br>GHZ-31729.10<br>T5-466C | 23F34<br>水 85.11<br>漚<br>V2-7A6C                 | 23F48<br>水 85.12<br>漚<br>GKX-0649.14<br>T7-2454 |
| 23F0D<br>水 85.11<br>漚<br>TF-4934<br>漚<br>V2-7A67  | 23F21<br>水 85.11<br>漚<br>GHZ-31731.05<br>T6-5E33 | 23F35<br>水 85.11<br>漚<br>TF-493B<br>H-9467       | 23F49<br>水 85.12<br>漚<br>GKX-0649.15<br>T7-244C |
| 23F0E<br>水 85.11<br>漚<br>TF-4936                  | 23F22<br>水 85.11<br>漚<br>GHZ-31731.08<br>T6-5E37 | 23F36<br>水 85.11<br>漚<br>V2-7A63                 | 23F4A<br>水 85.12<br>漚<br>GKX-0649.19<br>T4-4A65 |
| 23F0F<br>水 85.11<br>漚<br>TF-4937                  | 23F23<br>水 85.11<br>漚<br>GHZ-31731.10<br>T6-5E38 | 23F37<br>水 85.11<br>漚<br>V2-7A64                 | 23F4B<br>水 85.12<br>漚<br>GKX-0649.26<br>T4-4A67 |
| 23F10<br>水 85.11<br>漚<br>TF-4938                  | 23F24<br>水 85.11<br>漚<br>GHZ-80024.05            | 23F38<br>水 85.11<br>漚<br>V2-7A6E                 | 23F4C<br>水 85.12<br>漚<br>GKX-0649.27<br>T5-4E25 |
| 23F11<br>水 85.11<br>漚<br>TF-4939                  | 23F25<br>水 85.11<br>漚<br>GHZ-80024.06            | 23F39<br>水 85.11<br>漚<br>V2-7A65                 | 23F4D<br>水 85.12<br>漚<br>GKX-0650.03            |
| 23F12<br>水 85.11<br>漚<br>TF-493A                  | 23F26<br>水 85.11<br>漚<br>GHZ-80024.07            | 23F3A<br>水 85.11<br>漚<br>V2-7A66                 | 23F4E<br>水 85.12<br>漚<br>GKX-0650.05<br>T7-2463 |
| 23F13<br>水 85.11<br>漚<br>TF-493C                  | 23F27<br>水 85.11<br>漚<br>GHZ-80024.08            | 23F3B<br>水 85.11<br>漚<br>GHZ-31721.01<br>T6-5E36 | 23F4F<br>水 85.12<br>漚<br>KC-05254               |
| 23F14<br>水 85.11<br>漚<br>TF-493D                  | 23F28<br>水 85.11<br>漚<br>GHZ-80024.09            | 23F3C<br>水 85.11<br>漚<br>V2-7A58                 | 23F50<br>水 85.12<br>漚<br>GKX-0650.06<br>T7-244E |
| 23F15<br>水 85.11<br>漚<br>TF-4941<br>漚<br>VN-23F15 | 23F29<br>水 85.11<br>漚<br>V0-3B61                 | 23F3D<br>水 85.11<br>漚<br>V0-3B63                 | 23F51<br>水 85.12<br>漚<br>GKX-0650.15<br>T7-2450 |
| 23F16<br>水 85.11<br>漚<br>TF-4942                  | 23F2A<br>水 85.11<br>漚<br>V2-7A5F                 | 23F3E<br>水 85.11<br>漚<br>V2-7A73                 | 23F52<br>水 85.12<br>漚<br>GKX-0650.16<br>T7-2456 |
| 23F17<br>水 85.11<br>漚<br>TF-4943                  | 23F2B<br>水 85.11<br>漚<br>V2-7A69                 | 23F3F<br>水 85.11<br>漚<br>TF-492A                 | 23F53<br>水 85.12<br>漚<br>GKX-0650.17<br>T4-4A5C |
| 23F18<br>水 85.11<br>漚<br>TF-4944                  | 23F2C<br>水 85.11<br>漚<br>V3-3351                 | 23F40<br>水 85.11<br>漚<br>V2-7A77                 | 23F54<br>水 85.12<br>漚<br>GKX-0650.20<br>T7-2457 |
| 23F19<br>水 85.12<br>漚<br>GHZ-31711.16<br>T7-2268  | 23F2D<br>水 85.11<br>漚<br>V0-3B62                 | 23F41<br>水 85.11<br>漚<br>H-8DEC                  | 23F55<br>水 85.12<br>漚<br>GKX-0650.21<br>T7-2449 |
| 23F1A<br>水 85.11<br>漚<br>GHZ-31713.06<br>T4-4442  | 23F2E<br>水 85.11<br>漚<br>V2-7A6A                 | 23F42<br>水 85.11<br>漚<br>GHC                     | 23F56<br>水 85.12<br>漚<br>GKX-0651.03<br>T7-2465 |
| 23F1B<br>水 85.11<br>漚<br>GHZ-31715.01<br>T6-5E3C  | 23F2F<br>水 85.11<br>漚<br>V0-3B66                 | 23F43<br>水 85.12<br>漚<br>GKX-0648.31<br>T7-2462  |                                                 |
| 23F1C<br>水 85.11<br>漚<br>GHZ-31720.06             | 23F30<br>水 85.11<br>漚<br>V2-7A61                 | 23F44<br>水 85.12<br>漚<br>GKX-0648.33<br>T7-2452  |                                                 |
| 23F1D<br>水 85.11<br>漚<br>GHZ-31725.01<br>T6-5E43  | 23F31<br>水 85.11<br>漚<br>V2-7A6B                 | 23F45<br>水 85.12<br>漚<br>GKX-0648.39<br>T7-244D  |                                                 |



|                                                      |                                                      |                                                      |                                                       |
|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|
| 25B12<br>竹 118.5<br>筴<br>GKX-0880.05<br>筴<br>T5-344C | 25B25<br>竹 118.5<br>筴<br>TF-374E                     | 25B37<br>竹 118.6<br>筴<br>GKX-0884.08<br>筴<br>T4-3970 | 25B4B<br>竹 118.6<br>筴<br>GHZ-52969.07<br>筴<br>T5-3B23 |
| 25B13<br>竹 118.5<br>筴<br>GKX-0880.12<br>筴<br>T6-427C | 25B26<br>竹 118.5<br>筴<br>TF-374F                     | 25B38<br>竹 118.6<br>筴<br>GKX-0884.09<br>筴<br>T6-4C5D | 25B4C<br>竹 118.6<br>筴<br>GHZ-52970.08<br>筴<br>V2-7F53 |
| 25B14<br>竹 118.5<br>筴<br>GKX-0880.15<br>筴<br>T4-3375 | 25B27<br>竹 118.5<br>筴<br>V2-7F4F                     | 25B39<br>竹 118.6<br>筴<br>GKX-0884.10<br>筴<br>T4-3978 | 25B4D<br>竹 118.6<br>筴<br>V0-3F75                      |
| 25B15<br>竹 118.5<br>筴<br>GKX-0880.19<br>筴<br>T5-344E | 25B28<br>竹 118.5<br>筴<br>V0-3F72                     | 25B3A<br>竹 118.6<br>筴<br>GKX-0884.13                 | 25B4E<br>竹 118.6<br>筴<br>V0-3F76                      |
| 25B16<br>竹 118.5<br>筴<br>GKX-0880.20<br>筴<br>T6-4275 | 25B29<br>竹 118.5<br>筴<br>V2-7F51                     | 25B3B<br>竹 118.6<br>筴<br>GKX-0884.14<br>筴<br>T6-4C57 | 25B4F<br>竹 118.6<br>筴<br>V0-3F77                      |
| 25B17<br>竹 118.5<br>筴<br>GKX-0881.14<br>筴<br>T5-2F53 | 25B2A<br>竹 118.6<br>筴<br>GKX-0882.08<br>筴<br>T5-3A7C | 25B3C<br>竹 118.6<br>筴<br>GKX-0884.16<br>筴<br>T5-3B25 | 25B50<br>竹 118.7<br>筴<br>GKX-0884.23<br>筴<br>T5-4154  |
| 25B18<br>竹 118.5<br>筴<br>GKX-0881.16<br>筴<br>T5-2F53 | 25B2B<br>竹 118.6<br>筴<br>GKX-0882.09<br>筴<br>T5-3B22 | 25B3D<br>竹 118.6<br>筴<br>GKX-0884.17<br>筴<br>T6-4C59 | 25B51<br>竹 118.7<br>筴<br>GKX-0884.24<br>筴<br>T5-4148  |
| 25B19<br>竹 118.5<br>筴<br>GKX-0881.17<br>筴<br>T5-3449 | 25B2C<br>竹 118.6<br>筴<br>GKX-0882.12<br>筴<br>T5-3A7B | 25B3E<br>竹 118.6<br>筴<br>GKX-0884.18<br>筴<br>T6-4C5C | 25B52<br>竹 118.7<br>筴<br>GKX-0884.25<br>筴<br>T5-414F  |
| 25B1A<br>竹 118.5<br>筴<br>GKX-0881.19<br>筴<br>T6-4279 | 25B2D<br>竹 118.6<br>筴<br>GKX-0882.16<br>筴<br>T5-3A7E | 25B3F<br>竹 118.5<br>筴<br>T6-344F                     | 25B53<br>竹 118.7<br>筴<br>GKX-0884.30<br>筴<br>T4-3F5C  |
| 25B1B<br>竹 118.5<br>筴<br>GKX-0881.20<br>筴<br>T6-427B | 25B2E<br>竹 118.6<br>筴<br>GKX-0882.23<br>筴<br>T4-396C | 25B40<br>竹 118.6<br>筴<br>T5-3A7D                     | 25B54<br>竹 118.7<br>筴<br>GKX-0884.32<br>筴<br>T5-414D  |
| 25B1C<br>竹 118.5<br>筴<br>GKX-0881.23<br>筴<br>T5-3450 | 25B2F<br>竹 118.6<br>筴<br>GKX-0883.04<br>筴<br>T4-396E | 25B41<br>竹 118.6<br>筴<br>TF-3D71                     | 25B55<br>竹 118.7<br>筴<br>GKX-0884.34<br>筴<br>T5-4145  |
| 25B1D<br>竹 118.5<br>筴<br>GKX-0881.24<br>筴<br>T5-3450 | 25B2F<br>竹 118.6<br>筴<br>GKX-0883.04<br>筴<br>T4-396E | 25B42<br>竹 118.6<br>筴<br>TF-3D72                     | 25B56<br>竹 118.7<br>筴<br>GKX-0884.35<br>筴<br>T4-3F64  |
| 25B1E<br>竹 118.5<br>筴<br>GKX-0881.25<br>筴<br>T5-3451 | 25B30<br>竹 118.6<br>筴<br>GKX-0883.06<br>筴<br>T6-4C5A | 25B43<br>竹 118.6<br>筴<br>TF-3D73                     | 25B57<br>竹 118.7<br>筴<br>GKX-0884.36<br>筴<br>T4-3F65  |
| 25B1F<br>竹 118.5<br>筴<br>GKX-0881.26<br>筴<br>T6-4278 | 25B31<br>竹 118.6<br>筴<br>GKX-0883.10<br>筴<br>T5-344B | 25B44<br>竹 118.6<br>筴<br>TF-3D74                     | 25B58<br>竹 118.7<br>筴<br>GKX-0885.01<br>筴<br>T5-4150  |
| 25B20<br>竹 118.5<br>筴<br>GKX-0883.16<br>筴<br>T4-3973 | 25B32<br>竹 118.6<br>筴<br>GKX-0883.16<br>筴<br>T4-3973 | 25B45<br>竹 118.6<br>筴<br>TF-3D75                     | 25B59<br>竹 118.7<br>筴<br>GKX-0885.03<br>筴<br>T4-3F5F  |
| 25B21<br>竹 118.5<br>筴<br>GKX-0884.01<br>筴<br>T5-3B21 | 25B33<br>竹 118.6<br>筴<br>GKX-0884.01<br>筴<br>T5-3B21 | 25B46<br>竹 118.6<br>筴<br>TF-3D76                     | 25B5A<br>竹 118.7<br>筴<br>GKX-0885.05<br>筴<br>T5-3A79  |
| 25B22<br>竹 118.5<br>筴<br>GKX-0884.03<br>筴<br>T5-3A7A | 25B34<br>竹 118.6<br>筴<br>GKX-0884.03<br>筴<br>T5-3A7A | 25B47<br>竹 118.6<br>筴<br>TF-3D78                     | 25B5B<br>竹 118.7<br>筴<br>GKX-0885.11<br>筴<br>T6-5630  |
| 25B23<br>竹 118.5<br>筴<br>GKX-0884.04<br>筴<br>T4-3979 | 25B35<br>竹 118.6<br>筴<br>GKX-0884.04<br>筴<br>T4-3979 | 25B48<br>竹 118.6<br>筴<br>TF-3D79                     | 25B5C<br>竹 118.7<br>筴<br>GKX-0885.16<br>筴<br>T5-4146  |
| 25B24<br>竹 118.5<br>筴<br>GKX-0884.07<br>筴<br>T4-3977 | 25B36<br>竹 118.6<br>筴<br>GKX-0884.07<br>筴<br>T4-3977 | 25B49<br>竹 118.6<br>筴<br>TF-3D7A                     | 25B5C<br>竹 118.7<br>筴<br>GKX-0885.16<br>筴<br>T5-4146  |

|                                                       |                                                       |                                                        |                                                       |
|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 25CDB<br>竹 118.12<br>筵<br>GKX-0900.12<br>筵<br>T5-6330 | 25CEF<br>竹 118.12<br>籍<br>GKX-0901.15<br>籍<br>T7-4134 | 25D03<br>竹 118.12<br>簞<br>TF-5F76                      | 25D17<br>竹 118.12<br>筵<br>V0-4029                     |
| 25CDC<br>竹 118.12<br>筵<br>GKX-0900.14<br>筵<br>T5-6337 | 25CF0<br>竹 118.12<br>筵<br>GKX-0901.17<br>筵<br>T5-6331 | 25D04<br>竹 118.12<br>簞<br>TF-5F77                      | 25D18<br>竹 118.12<br>筵<br>V2-7F6D                     |
| 25CDD<br>竹 118.12<br>筵<br>GKX-0900.15<br>筵<br>T4-5C3E | 25CF1<br>竹 118.12<br>筵<br>GKX-0901.18<br>筵<br>T4-5C4D | 25D05<br>竹 118.12<br>籊<br>TF-5F78                      | 25D19<br>竹 118.12<br>籊<br>V3-3651                     |
| 25CDE<br>竹 118.12<br>筵<br>GKX-0900.16<br>筵<br>T4-5C3F | 25CF2<br>竹 118.12<br>籊<br>GKX-0901.19<br>籊<br>T5-6336 | 25D06<br>竹 118.12<br>籊<br>TF-5F79                      | 25D1A<br>竹 118.12<br>籊<br>V0-4032                     |
| 25CDF<br>竹 118.12<br>籊<br>GKX-0900.18<br>籊<br>T5-6348 | 25CF3<br>竹 118.12<br>籊<br>GKX-0901.20<br>籊<br>T5-633A | 25D07<br>竹 118.12<br>籊<br>TF-5F7A                      | 25D1B<br>竹 118.12<br>籊<br>V2-7F6E                     |
| 25CE0<br>竹 118.12<br>籊<br>GKX-0900.19<br>籊<br>T7-4139 | 25CF4<br>竹 118.12<br>籊<br>GKX-0901.21<br>籊<br>T5-6344 | 25D08<br>竹 118.12<br>籊<br>TF-5F7B                      | 25D1C<br>竹 118.12<br>籊<br>V2-7F71                     |
| 25CE1<br>竹 118.12<br>籊<br>GKX-0900.20<br>籊<br>T5-6335 | 25CF5<br>竹 118.12<br>籊<br>GKX-0901.22<br>籊<br>T5-6349 | 25D09<br>竹 118.12<br>籊<br>TF-5F7C                      | 25D1D<br>竹 118.12<br>籊<br>TF-5B6A                     |
| 25CE2<br>竹 118.12<br>籊<br>GKX-0900.21<br>籊<br>T5-6332 | 25CF6<br>竹 118.12<br>籊<br>GKX-0901.23<br>籊<br>T5-633C | 25D0A<br>竹 118.12<br>籊<br>TF-5F7D                      | 25D1E<br>竹 118.12<br>籊<br>TF-6336                     |
| 25CE3<br>竹 118.12<br>籊<br>GKX-0900.22<br>籊<br>T5-633F | 25CF7<br>竹 118.12<br>籊<br>GKX-0901.24<br>籊<br>T5-632D | 25D0B<br>竹 118.12<br>籊<br>TF-5F7E                      | 25D1F<br>竹 118.12<br>籊<br>TF-6337                     |
| 25CE4<br>竹 118.12<br>籊<br>GKX-0900.31<br>籊<br>T7-4135 | 25CF8<br>竹 118.12<br>籊<br>GKX-0901.26<br>籊<br>T7-4142 | 25D0C<br>竹 118.12<br>籊<br>TF-6021                      | 25D20<br>竹 118.12<br>籊<br>TF-6022<br>籊<br>KC-06622    |
| 25CE5<br>竹 118.12<br>籊<br>GKX-0901.01<br>籊<br>T5-632C | 25CF9<br>竹 118.12<br>籊<br>GKX-0901.27<br>籊<br>T7-4141 | 25D0D<br>竹 118.12<br>籊<br>TF-6023                      | 25D21<br>竹 118.13<br>籊<br>GKX-0901.30<br>籊<br>T5-686A |
| 25CE6<br>竹 118.12<br>籊<br>GKX-0901.04<br>籊<br>T7-4136 | 25CFA<br>竹 118.12<br>籊<br>GKX-0901.28<br>籊<br>T5-633B | 25D0E<br>竹 118.11<br>籊<br>TF-6024                      | 25D22<br>竹 118.13<br>籊<br>GKX-0901.34<br>籊<br>T5-686F |
| 25CE7<br>竹 118.12<br>籊<br>GKX-0901.06<br>籊<br>T4-5C41 | 25CFB<br>竹 118.12<br>籊<br>G4K-27664                   | 25D0F<br>竹 118.12<br>籊<br>TF-6025                      | 25D23<br>竹 118.13<br>籊<br>GKX-0901.36<br>籊<br>T7-484E |
| 25CE8<br>竹 118.12<br>籊<br>GKX-0901.07<br>籊<br>T7-4133 | 25CFC<br>竹 118.12<br>籊<br>G4K-29247                   | 25D10<br>竹 118.12<br>籊<br>GHZ-53013.06                 | 25D24<br>竹 118.13<br>籊<br>GKX-0901.38<br>籊<br>T4-6059 |
| 25CE9<br>竹 118.12<br>籊<br>GKX-0901.09<br>籊<br>T4-5C53 | 25CFD<br>竹 118.12<br>籊<br>G4K-10216<br>籊<br>VN-25CFD  | 25D11<br>竹 118.12<br>籊<br>GHZ-53014.02                 | 25D25<br>竹 118.13<br>籊<br>GKX-0901.39<br>籊<br>T7-484C |
| 25CEA<br>竹 118.12<br>籊<br>GKX-0901.10<br>籊<br>T5-633E | 25CFE<br>竹 118.12<br>籊<br>H-8E60                      | 25D12<br>竹 118.12<br>籊<br>GHZ-53016.02                 | 25D26<br>竹 118.13<br>籊<br>GKX-0901.42<br>籊<br>T5-6863 |
| 25CEB<br>竹 118.12<br>籊<br>GKX-0901.11<br>籊<br>T7-4138 | 25CFF<br>竹 118.12<br>籊<br>T5-632B                     | 25D13<br>竹 118.12<br>籊<br>GHZ-53016.10<br>籊<br>T7-4140 | 25D27<br>竹 118.13<br>籊<br>GKX-0901.43<br>籊<br>T4-6054 |
| 25CEC<br>竹 118.12<br>籊<br>GKX-0901.12<br>籊<br>T5-633D | 25D00<br>竹 118.12<br>籊<br>T5-632F                     | 25D14<br>竹 118.12<br>籊<br>GHZ-53016.20<br>籊<br>T7-413D | 25D28<br>竹 118.13<br>籊<br>GKX-0902.03<br>籊<br>T4-6055 |
| 25CED<br>竹 118.12<br>籊<br>GKX-0901.13<br>籊<br>T7-413A | 25D01<br>竹 118.12<br>籊<br>T7-4132                     | 25D15<br>竹 118.12<br>籊<br>GHZ-53016.22                 |                                                       |
| 25CEE<br>竹 118.12<br>籊<br>GKX-0901.14<br>籊<br>T7-413E | 25D02<br>竹 118.12<br>籊<br>T7-4137                     | 25D16<br>竹 118.12<br>籊<br>GHZ-80033.24                 |                                                       |

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|----------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|--------------------------------------------------|
| 26E22<br>艸 140.11<br>𦰪 GKX-1055.17<br>𦰫 T5-5037                            | 26E35<br>艸 140.11<br>𦰬 GKX-1056.05<br>𦰭 T7-276E | 26E49<br>艸 140.11<br>𦰮 T7-275A | 26E5D<br>艸 140.11<br>𦰯 TF-5172                   |
| 26E23<br>艸 140.11<br>𦰰 GKX-1055.21<br>𦰱 T4-4C7B                            | 26E36<br>艸 140.11<br>𦰲 GKX-1056.06<br>𦰳 T4-4C76 | 26E4A<br>艸 140.11<br>𦰴 T7-275F | 26E5E<br>艸 140.11<br>𦰵 TF-5175                   |
| 26E24<br>艸 140.11<br>𦰶 GKX-1055.22<br>𦰷 T7-2754                            | 26E37<br>艸 140.11<br>𦰸 GKX-1056.07<br>𦰹 T5-5049 | 26E4B<br>艸 140.11<br>𦰺 T7-2770 | 26E5F<br>艸 140.11<br>𦰻 TF-5177                   |
| 26E25<br>艸 140.11<br>𦰻 GKX-1055.28                                         | 26E38<br>艸 140.11<br>𦰼 GKX-1056.08<br>𦰽 T5-5045 | 26E4C<br>艸 140.11<br>𦰾 T7-2771 | 26E60<br>艸 140.11<br>𦰿 GHZ-53277.10              |
| 26E26<br>艸 140.11<br>𦰿 GKX-1055.29<br>𦱀 T7-275B                            | 26E39<br>艸 140.11<br>𦱁 GKX-1056.09<br>𦱂 T7-2774 | 26E4D<br>艸 140.11<br>𦱃 T7-2823 | 26E61<br>艸 140.11<br>𦱄 GHZ-53277.11<br>𦱅 T4-4D23 |
| 26E27<br>艸 140.11<br>𦱆 GKX-1055.30<br>𦱇 T7-2764                            | 26E3A<br>艸 140.11<br>𦱈 GKX-1056.12<br>𦱉 T5-5758 | 26E4E<br>艸 140.11<br>𦱊 TF-515E | 26E62<br>艸 140.11<br>𦱋 GHZ-53280.14<br>𦱌 T7-277A |
| 26E28<br>艸 140.11<br>𦱍 GKX-1055.31<br>𦱎 T7-2763                            | 26E3B<br>艸 140.11<br>𦱏 GHC                      | 26E4F<br>艸 140.11<br>𦱐 TF-515F | 26E63<br>艸 140.11<br>𦱑 GHZ-53282.03<br>𦱒 T5-5044 |
| 26E29<br>艸 140.11<br>𦱓 GKX-1055.32<br>𦱔 T7-2767                            | 26E3C<br>艸 140.11<br>𦱕 G4K-09146                | 26E50<br>艸 140.11<br>𦱖 TF-5160 | 𦱓 VN-26E63                                       |
| 26E2A<br>艸 140.11<br>𦱗 GKX-1055.33<br>𦱘 T5-5033                            | 26E3D<br>艸 140.12<br>𦱙 GU-26E3D<br>𦱚 TA-7D57    | 26E51<br>艸 140.11<br>𦱛 TF-5162 | 26E64<br>艸 140.11<br>𦱜 GHZ-53282.07<br>𦱝 T7-277E |
| 26E2B<br>艸 140.11<br>𦱞 GKX-1055.36<br>𦱟 T7-2766                            | 26E3E<br>艸 140.11<br>𦱠 G4K-28709                | 26E52<br>艸 140.11<br>𦱡 TF-5163 | 26E65<br>艸 140.11<br>𦱢 J4-765D<br>𦱣 VN-26E65     |
| 26E2C<br>艸 140.11<br>𦱤 GKX-1055.37<br>𦱥 T7-277D                            | 26E3F<br>艸 140.11<br>𦱦 G4K-27234                | 26E53<br>艸 140.11<br>𦱧 TF-5166 | 26E66<br>艸 140.11<br>𦱨 GHZ-53285.02              |
| 26E2D<br>艸 140.11<br>𦱩 GKX-1055.38<br>𦱪 T7-275E                            | 26E40<br>艸 140.11<br>𦱫 J3-7B33                  | 26E54<br>艸 140.11<br>𦱬 TF-5167 | 26E67<br>艸 140.11<br>𦱭 GHZ-53285.11              |
| 26E2E<br>艸 140.11<br>𦱮 GKX-1055.39<br>𦱯 T5-503E                            | 26E41<br>艸 140.11<br>𦱰 GHZ-53260.04             | 26E55<br>艸 140.11<br>𦱱 TF-5168 | 26E68<br>艸 140.11<br>𦱲 GHZ-53286.07<br>𦱳 T7-2775 |
| 26E2F<br>艸 140.11<br>𦱴 GKX-1055.40<br>𦱵 T7-2756                            | 26E42<br>艸 140.11<br>𦱶 H-8F5E                   | 26E56<br>艸 140.11<br>𦱷 TF-5169 | 26E69<br>艸 140.11<br>𦱸 GHZ-80036.06<br>𦱹         |
| 26E30<br>艸 140.11<br>𦱺 GKX-1055.41<br>𦱻 T5-5034<br>𦱼 KO-05719<br>𦱽 V0-425C | 26E43<br>艸 140.11<br>𦱾 H-8F6C                   | 26E57<br>艸 140.11<br>𦱿 TF-516A | 26E6A<br>艸 140.11<br>𦲁 GHZ-80036.07<br>𦲂 T7-2768 |
| 26E31<br>艸 140.11<br>𦲃 GKX-1056.01<br>𦲄 T5-504A                            | 26E44<br>艸 140.11<br>𦲅 H-8EA3                   | 26E58<br>艸 140.11<br>𦲆 TF-516C | 26E6B<br>艸 140.11<br>𦲇 GHZ-80036.08              |
| 26E32<br>艸 140.11<br>𦲈 GKX-1056.02<br>𦲉 T7-277C                            | 26E45<br>艸 140.11<br>𦲊 H-FBB3                   | 26E59<br>艸 140.11<br>𦲋 TF-516D | 26E6C<br>艸 140.11<br>𦲌 GHZ-80036.09              |
| 26E33<br>艸 140.11<br>𦲍 GKX-1056.03<br>𦲎 T7-2762                            | 26E46<br>艸 140.11<br>𦲏 T4-4D22                  | 26E5A<br>艸 140.11<br>𦲐 TF-516E | 26E6D<br>艸 140.11<br>𦲑 GHZ-80036.10              |
| 26E34<br>艸 140.11<br>𦲒 GKX-1056.04<br>𦲓 T7-275D                            | 26E47<br>艸 140.11<br>𦲔 T5-5043                  | 26E5B<br>艸 140.11<br>𦲕 TF-516F | 26E6E<br>艸 140.11<br>𦲖 TF-5171<br>𦲗 H-FC53       |
|                                                                            | 26E48<br>艸 140.11<br>𦲙 T7-2755                  | 26E5C<br>艸 140.11<br>𦲚 TF-5170 | 26E6F<br>艸 140.11<br>𦲛 V2-824D                   |

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|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| 26F08<br>𦵒 140.12<br>𦵒 GHZ-53288.13              | 26F1C<br>𦵒 140.12<br>𦵒 V3-374A                   | 26F2F<br>𦵒 140.13<br>𦵒 GKX-1059.47<br>𦵒 T4-5848 | 26F43<br>𦵒 140.13<br>𦵒 GKX-1061.14<br>𦵒 T5-5E22 |
| 26F09<br>𦵒 140.12<br>𦵒 GHZ-53288.15              | 26F1D<br>𦵒 140.12<br>𦵒 V2-825A                   | 26F30<br>𦵒 140.13<br>𦵒 GKX-1059.50<br>𦵒 T4-5849 | 26F44<br>𦵒 140.13<br>𦵒 GKX-1061.16<br>𦵒 T5-5D6E |
| 26F0A<br>𦵒 140.12<br>𦵒 GHZ-53288.18<br>𦵒 T4-527D | 26F1E<br>𦵒 140.12<br>𦵒 V2-825B                   | 26F31<br>𦵒 140.13<br>𦵒 GKX-1060.02<br>𦵒 T5-5766 | 26F45<br>𦵒 140.13<br>𦵒 GKX-1061.23<br>𦵒 T5-5D78 |
| 26F0B<br>𦵒 140.12<br>𦵒 GHZ-53288.21<br>𦵒 T7-323A | 26F1F<br>𦵒 140.12<br>𦵒 V2-825D                   | 26F32<br>𦵒 140.13<br>𦵒 GKX-1060.03<br>𦵒 T5-5D75 | 26F46<br>𦵒 140.13<br>𦵒 GKX-1061.25<br>𦵒 T7-3A7E |
| 26F0C<br>𦵒 140.12<br>𦵒 GHZ-53292.03<br>𦵒 T7-3258 | 26F20<br>𦵒 140.12<br>𦵒 V2-825C                   | 26F33<br>𦵒 140.13<br>𦵒 GKX-1060.05<br>𦵒 T5-5D7D | 26F47<br>𦵒 140.13<br>𦵒 GKX-1061.27<br>𦵒 T5-5D7C |
| 26F0D<br>𦵒 140.12<br>𦵒 GHZ-53293.03<br>𦵒 T7-3250 | 26F21<br>𦵒 140.12<br>𦵒 GHZ-53298.16<br>𦵒 T5-5763 | 26F34<br>𦵒 140.13<br>𦵒 GKX-1060.06<br>𦵒 T5-5D73 | 26F48<br>𦵒 140.13<br>𦵒 GKX-1061.29<br>𦵒 T7-3A73 |
| 26F0E<br>𦵒 140.12<br>𦵒 GHZ-53293.08<br>𦵒 T5-5765 | 26F22<br>𦵒 140.12<br>𦵒 GHZ-53291.04<br>𦵒 T5-5759 | 26F35<br>𦵒 140.13<br>𦵒 GKX-1060.08<br>𦵒 T7-3B2B | 26F49<br>𦵒 140.13<br>𦵒 GKX-1061.32<br>𦵒 T7-3B24 |
| 26F0F<br>𦵒 140.12<br>𦵒 GHZ-53293.12<br>𦵒 T5-574E | 26F23<br>𦵒 140.12<br>𦵒 GHZ-53290.10<br>𦵒 T7-3246 | 26F36<br>𦵒 140.13<br>𦵒 GKX-1060.10<br>𦵒 T7-3B2F | 26F4A<br>𦵒 140.13<br>𦵒 GKX-1061.33<br>𦵒 T7-3B2A |
| 26F10<br>𦵒 140.12<br>𦵒 GHZ-53295.09<br>𦵒 T7-3230 | 26F24<br>𦵒 140.12<br>𦵒 GHZ-53291.07<br>𦵒 T7-3246 | 26F37<br>𦵒 140.13<br>𦵒 GKX-1060.11<br>𦵒 T5-5D6F | 26F4B<br>𦵒 140.13<br>𦵒 GKX-1061.34<br>𦵒 T5-5D7B |
| 26F11<br>𦵒 140.12<br>𦵒 GHZ-53297.06<br>𦵒 T7-3229 | 26F25<br>𦵒 140.12<br>𦵒 V3-3747                   | 26F38<br>𦵒 140.13<br>𦵒 GKX-1060.15<br>𦵒 T4-584A | 26F4C<br>𦵒 140.13<br>𦵒 GKX-1061.35<br>𦵒 T4-584B |
| 26F12<br>𦵒 140.12<br>𦵒 GHZ-53298.12<br>𦵒 T7-3248 | 26F26<br>𦵒 140.12<br>𦵒 H-924F                    | 26F39<br>𦵒 140.13<br>𦵒 GKX-1060.18<br>𦵒 T4-5837 | 26F4D<br>𦵒 140.13<br>𦵒 GKX-1061.36<br>𦵒 T5-5D6D |
| 26F13<br>𦵒 140.12<br>𦵒 GHZ-80036.12              | 26F27<br>𦵒 140.12<br>𦵒 GHZ-80036.11              | 26F3A<br>𦵒 140.13<br>𦵒 GKX-1060.19<br>𦵒 T7-3A7B | 26F4E<br>𦵒 140.13<br>𦵒 GKX-1061.37<br>𦵒 T5-5D6D |
| 26F14<br>𦵒 140.12<br>𦵒 GHZ-80036.13<br>𦵒 V0-4260 | 26F28<br>𦵒 140.13<br>𦵒 V2-8244                   | 26F3B<br>𦵒 140.13<br>𦵒 GKX-1060.20<br>𦵒 T4-5845 | 26F4F<br>𦵒 140.13<br>𦵒 GKX-1062.04<br>𦵒 T5-5E23 |
| 26F15<br>𦵒 140.12<br>𦵒 GHZ-80036.14<br>𦵒 T4-574A | 26F29<br>𦵒 140.13<br>𦵒 GKX-1059.30<br>𦵒 T7-3A76  | 26F3C<br>𦵒 140.13<br>𦵒 GKX-1060.25<br>𦵒 T5-5E21 | 26F50<br>𦵒 140.13<br>𦵒 GKX-1062.10<br>𦵒 T4-5841 |
| 26F16<br>𦵒 140.12<br>𦵒 GHZ-80036.15              | 26F2A<br>𦵒 140.13<br>𦵒 GKX-1059.31<br>𦵒 T4-583A  | 26F3D<br>𦵒 140.13<br>𦵒 GKX-1060.27<br>𦵒 T7-3A7C | 26F51<br>𦵒 140.13<br>𦵒 GKX-1062.11<br>𦵒 T7-3B30 |
| 26F17<br>𦵒 140.12<br>𦵒 GHZ-80036.16              | 26F2B<br>𦵒 140.13<br>𦵒 GKX-1059.32<br>𦵒 T4-583F  | 26F3E<br>𦵒 140.13<br>𦵒 GKX-1060.30<br>𦵒 T7-3B23 | 26F52<br>𦵒 140.13<br>𦵒 GKX-1062.12<br>𦵒 T5-5D77 |
| 26F18<br>𦵒 140.12<br>𦵒 GHZ-80036.17              | 26F2C<br>𦵒 140.13<br>𦵒 K6-1056                   | 26F3F<br>𦵒 140.13<br>𦵒 GKX-1061.01<br>𦵒 T7-3B33 | 26F53<br>𦵒 140.13<br>𦵒 GKX-1062.13<br>𦵒 T4-5846 |
| 26F19<br>𦵒 140.12<br>𦵒 GHZ-80036.19<br>𦵒 T7-3256 | 26F2D<br>𦵒 140.13<br>𦵒 GKX-1059.36<br>𦵒 T7-423B  | 26F40<br>𦵒 140.13<br>𦵒 GKX-1061.02<br>𦵒 T5-5D7E | 26F54<br>𦵒 140.13<br>𦵒 GKX-1062.14<br>𦵒 T5-5D71 |
| 26F1A<br>𦵒 140.12<br>𦵒 V2-8257                   | 26F2E<br>𦵒 140.13<br>𦵒 GKX-1059.39<br>𦵒 T7-3A78  | 26F41<br>𦵒 140.13<br>𦵒 GKX-1061.06<br>𦵒 T5-5E25 |                                                 |
| 26F1B<br>𦵒 140.12<br>𦵒 V2-8258                   |                                                  | 26F42<br>𦵒 140.13<br>𦵒 GKX-1061.08<br>𦵒 T7-3B31 |                                                 |

## 27BEA

## CJK Unified Ideographs Extension B

## 27C36

|                                                 |                                                  |                                                  |                                                 |
|-------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| 27BEA<br>豆 151.7<br>𪛗 𪛗<br>GKX-1192.12 T6-6254  | 27BFC<br>豆 151.10<br>𪛗 𪛗<br>GKX-1193.04 T5-5E5A  | 27C10<br>豆 151.12<br>𪛗 𪛗<br>GHZ-63570.05 T5-6956 | 27C23<br>豆 151.20<br>𪛗 𪛗<br>GKX-1194.01 T5-7A77 |
| 27BEB<br>豆 151.7<br>𪛗 𪛗<br>GKX-1192.13 T4-4751  | 27BFD<br>豆 151.10<br>𪛗 𪛗<br>GKX-1193.05 T7-3C2D  | 27C11<br>豆 151.13<br>𪛗 𪛗<br>GKX-1193.23 T5-6D66  | 27C24<br>豆 151.20<br>𪛗<br>G4K-25323             |
| 27BEC<br>豆 151.7<br>𪛗<br>GHZ-80037.17           | 27BFE<br>豆 151.10<br>𪛗 𪛗<br>GKX-1193.06 T5-5E58  | 27C12<br>豆 151.13<br>𪛗 𪛗<br>GKX-1193.25 T5-6D65  | 27C25<br>豆 151.22<br>𪛗 𪛗<br>GKX-1194.03 T7-6545 |
| 27BED<br>豆 151.8<br>𪛗 𪛗<br>GKX-1192.15 T7-2928  | 27BFF<br>豆 151.10<br>𪛗 𪛗<br>GKX-1193.07 T7-3C2C  | 𪛗<br>H-9BF8                                      | 27C26<br>豕 152.1<br>𪛗<br>V0-443E                |
| 27BEE<br>豆 151.8<br>𪛗 𪛗<br>GKX-1192.18 T7-2927  | 27C00<br>豆 151.10<br>𪛗 𪛗<br>GHZ-10496.11 T5-5E59 | 27C13<br>豆 151.13<br>𪛗 𪛗<br>GKX-1193.26 T5-6D67  | 27C27<br>豕 152.1<br>𪛗 𪛗<br>GKX-1194.09 T6-2554  |
| 27BEF<br>豆 151.8<br>𪛗 𪛗<br>GKX-1192.19 T7-2925  | 27C01<br>豆 151.10<br>𪛗 𪛗<br>GHZ-63568.16 T7-3C2B | 27C14<br>豆 151.13<br>𪛗<br>TF-663A                | 27C28<br>豕 152.1<br>𪛗 𪛗<br>GHZ-63610.03 T5-2329 |
| 𪛗<br>H-876C                                     | 27C02<br>豆 151.10<br>𪛗<br>GHZ-80037.18           | 27C15<br>豆 151.13<br>𪛗 𪛗<br>GHZ-10501.07 T5-6D64 | 27C29<br>豕 152.2<br>𪛗 𪛗<br>GKX-1194.10 T5-2B4A  |
| 27BF0<br>豆 151.8<br>𪛗 𪛗<br>GKX-1192.20 T5-512F  | 27C03<br>豆 151.11<br>𪛗 𪛗<br>GKX-1193.10 T5-6469  | 27C16<br>豆 151.13<br>𪛗<br>TF-637B                | 27C2A<br>豕 152.3<br>𪛗 𪛗<br>GKX-1194.11 T5-3048  |
| 27BF1<br>豆 151.8<br>𪛗 𪛗<br>GKX-1192.23 T5-512E  | 27C04<br>豆 151.11<br>𪛗 𪛗<br>GKX-1193.11 T4-5D63  | 27C17<br>豆 151.14<br>𪛗<br>V0-443D                | 27C2B<br>豕 152.3<br>𪛗 𪛗<br>GKX-1194.13 T5-3047  |
| 27BF2<br>豆 151.8<br>𪛗<br>GHZ-63568.01           | 27C05<br>豆 151.11<br>𪛗 𪛗<br>GKX-1193.15 T7-4340  | 27C18<br>豆 151.14<br>𪛗 𪛗<br>GHZ-10496.10 T5-713F | 27C2C<br>豕 152.3<br>𪛗 𪛗<br>GKX-1194.15 T6-3C37  |
| 27BF3<br>豆 151.8<br>𪛗 𪛗<br>GHZ-63568.06 T7-2926 | 27C06<br>豆 151.11<br>𪛗 𪛗<br>GKX-1193.16 T4-5D62  | 27C19<br>豆 151.15<br>𪛗 𪛗<br>GKX-1193.28 T5-7441  | 27C2D<br>豕 152.3<br>𪛗 𪛗<br>GHZ-63610.11 T6-3C36 |
| 27BF4<br>豆 151.8<br>𪛗 𪛗<br>TF-523B H-97F3       | 27C07<br>豆 151.11<br>𪛗 𪛗<br>GKX-1193.17 T5-5E5B  | 27C1A<br>豆 151.15<br>𪛗<br>GHC                    | 27C2E<br>豕 152.4<br>𪛗 𪛗<br>GKX-1194.18 T6-447E  |
| 27BF5<br>豆 151.8<br>𪛗<br>V0-443C                | 27C08<br>豆 151.10<br>𪛗<br>GHZ-63569.01           | 27C1B<br>豆 151.15<br>𪛗<br>GHZ-63570.09           | 27C2F<br>豕 152.4<br>𪛗 𪛗<br>GKX-1194.19 T6-447C  |
| 27BF6<br>豆 151.8<br>𪛗<br>V0-476B                | 27C09<br>豆 151.12<br>𪛗 𪛗<br>GKX-1193.18 T7-4A3C  | 27C1C<br>豆 151.15<br>𪛗<br>V0-4874                | 27C30<br>豕 152.4<br>𪛗 𪛗<br>GKX-1194.21 T5-3561  |
| 27BF7<br>豆 151.9<br>𪛗 𪛗<br>GKX-1192.24 T5-5843  | 27C0A<br>豆 151.12<br>𪛗 𪛗<br>GKX-1193.19 T5-6957  | 27C1D<br>豆 151.16<br>𪛗<br>TF-6A76                | 27C31<br>豕 152.4<br>𪛗<br>GKX-1195.02            |
| 27BF8<br>豆 151.9<br>𪛗 𪛗<br>GKX-1192.27 T4-5374  | 27C0B<br>豆 151.12<br>𪛗 𪛗<br>GKX-1193.20 T7-4A3D  | 27C1E<br>豆 151.16<br>𪛗<br>TF-6A77                | 27C32<br>豕 152.4<br>𪛗 𪛗<br>GKX-1195.07 T6-4521  |
| 𪛗<br>KC-01963                                   | 27C0C<br>豆 151.12<br>𪛗 𪛗<br>GKX-1193.21 T7-4341  | 27C1F<br>豆 151.16<br>𪛗<br>GHZ-63570.11           | 27C33<br>豕 152.4<br>𪛗<br>GKX-1195.08            |
| 27BF9<br>豆 151.9<br>𪛗 𪛗<br>GHZ-63568.12 T7-3357 | 27C0D<br>豆 151.12<br>𪛗 𪛗<br>GKX-1193.22 T7-4342  | 27C20<br>豆 151.17<br>𪛗 𪛗<br>GKX-1193.29 T5-7832  | 27C34<br>豕 152.4<br>𪛗 𪛗<br>GHZ-63612.02 T6-447D |
| 27BFA<br>豆 151.9<br>𪛗 𪛗<br>GHZ-63568.10 T5-5844 | 27C0E<br>豆 151.12<br>𪛗 𪛗<br>GHZ-63570.03 T5-795F | 27C21<br>豆 151.18<br>𪛗 𪛗<br>GKX-1193.31 T5-794F  | 27C35<br>豕 152.5<br>𪛗 𪛗<br>GKX-1195.13 T4-3B3C  |
| 27BFB<br>豆 151.9<br>𪛗 𪛗<br>GHZ-10688.04 T7-2C56 | 27C0F<br>豆 151.12<br>𪛗<br>K4-00D9                | 27C22<br>豆 151.18<br>𪛗<br>GKX-1193.32            | 27C36<br>豕 152.5<br>𪛗 𪛗<br>GKX-1195.14 T6-4E7C  |



|                                                |                                                |                                                |                                                 |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| 27C37<br>豕 152.5<br>𪛑 𪛑<br>GKX-1195.16 T4-3B3D | 27C4A<br>豕 152.6<br>𪛒 𪛒<br>GKX-1196.18 T5-4328 | 27C5D<br>豕 152.8<br>𪛓 𪛓<br>GKX-1197.11 T5-5133 | 27C70<br>豕 152.9<br>𪛔 𪛔<br>GKX-1198.08 T5-5845  |
| 27C38<br>豕 152.5<br>𪛕 𪛕<br>GKX-1195.17 T5-3C40 | 27C4B<br>豕 152.6<br>𪛖 𪛖<br>GHZ-80038.06        | 27C5E<br>豕 152.8<br>𪛗 𪛗<br>GKX-1197.12 T7-292D | 27C71<br>豕 152.9<br>𪛘 𪛘<br>GHZ-63618.13 T7-3358 |
| 27C39<br>豕 152.5<br>𪛙 𪛙<br>GKX-1195.18 T5-3C3F | 27C4C<br>豕 152.6<br>𪛚 𪛚<br>GHZ-80038.07        | 27C5F<br>豕 152.8<br>𪛛 𪛛<br>GKX-1197.13 T7-292C | 27C72<br>豕 152.10<br>𪛜 𪛜<br>GKX-1198.09 T5-5E5D |
| 27C3A<br>豕 152.5<br>𪛛 𪛛<br>GKX-1195.19 T6-4E7E | 27C4D<br>豕 152.7<br>𪛝 𪛝<br>GKX-1196.20 T6-6255 | 27C60<br>豕 152.8<br>𪛞 𪛞<br>GKX-1197.14 T5-497E | 27C73<br>豕 152.10<br>𪛟 𪛟<br>GKX-1198.12 T5-5E5E |
| 27C3B<br>豕 152.5<br>𪛠 𪛠<br>GKX-1195.20 T5-3C41 | 27C4E<br>豕 152.7<br>𪛡 𪛡<br>GKX-1196.21 T6-6256 | 27C61<br>豕 152.8<br>𪛢 𪛢<br>GKX-1197.16 T5-5130 | 27C74<br>豕 152.10<br>𪛣 𪛣<br>GKX-1198.13 T5-5E5F |
| 27C3C<br>豕 152.5<br>𪛤 𪛤<br>GKX-1195.23 T6-4F23 | 27C4F<br>豕 152.7<br>𪛥 𪛥<br>GKX-1196.22 T4-4753 | 27C62<br>豕 152.8<br>𪛦 𪛦<br>GKX-1197.18 T7-292A | 27C75<br>豕 152.10<br>𪛧 𪛧<br>GKX-1198.15 T5-5E5C |
| 27C3D<br>豕 152.5<br>𪛦 𪛦<br>GKX-1196.01 T6-4E7D | 27C50<br>豕 152.7<br>𪛧 𪛧<br>GKX-1196.23 T4-4752 | 27C63<br>豕 152.8<br>𪛨 𪛨<br>GKX-1197.19 T5-4A21 | 27C76<br>豕 152.10<br>𪛩 𪛩<br>GKX-1198.18 T7-3C30 |
| 27C3E<br>豕 152.5<br>𪛨 𪛨<br>TF-3255             | 27C51<br>豕 152.7<br>𪛩 𪛩<br>GKX-1196.24 T6-6259 | 27C64<br>豕 152.8<br>𪛪 𪛪<br>T7-292E             | 27C77<br>豕 152.10<br>𪛫 𪛫<br>T7-3C2E             |
| 27C3F<br>豕 152.6<br>𪛪 𪛪<br>GKX-1196.02 T4-4077 | 27C52<br>豕 152.7<br>𪛬 𪛬<br>GKX-1196.25 T5-4970 | 27C65<br>豕 152.8<br>𪛭 𪛭<br>TF-523C             | 27C78<br>豕 152.10<br>𪛮 𪛮<br>T7-3C2F             |
| 27C40<br>豕 152.6<br>𪛮 𪛮<br>GKX-1196.03 T5-4325 | 27C53<br>豕 152.7<br>𪛯 𪛯<br>GKX-1196.26 T5-497C | 27C66<br>豕 152.8<br>𪛰 𪛰<br>GHZ-63616.06        | 27C79<br>豕 152.10<br>𪛱 𪛱<br>GHZ-80038.08        |
| 27C41<br>豕 152.6<br>𪛰 𪛰<br>GKX-1196.05 T4-4076 | 27C54<br>豕 152.7<br>𪛲 𪛲<br>GKX-1196.27 T6-625B | 27C67<br>豕 152.8<br>𪛳 𪛳<br>GHZ-63616.07        | 27C7A<br>豕 152.10<br>𪛴 𪛴<br>V2-837A             |
| 27C42<br>豕 152.6<br>𪛴 𪛴<br>GKX-1196.06 T6-584E | 27C55<br>豕 152.7<br>𪛵 𪛵<br>GKX-1196.28 T6-625A | 27C68<br>豕 152.9<br>𪛶 𪛶<br>GKX-1197.22 T5-5847 | 27C7B<br>豕 152.11<br>𪛷 𪛷<br>GKX-1198.19 T4-5D65 |
| 27C43<br>豕 152.6<br>𪛶 𪛶<br>GKX-1196.07 T6-584F | 27C56<br>豕 152.7<br>𪛸 𪛸<br>GKX-1197.03 T6-6257 | 27C69<br>豕 152.9<br>𪛹 𪛹<br>GKX-1197.23 T5-5848 | 27C7C<br>豕 152.11<br>𪛺 𪛺<br>GKX-1198.20 T5-646A |
| 27C44<br>豕 152.6<br>𪛸 𪛸<br>GKX-1196.08 T5-4327 | 27C57<br>豕 152.7<br>𪛻 𪛻<br>GKX-1197.04 T6-6258 | 27C6A<br>豕 152.9<br>𪛼 𪛼<br>GKX-1197.24 T5-5846 | 27C7D<br>豕 152.11<br>𪛽 𪛽<br>GKX-1198.21         |
| 27C45<br>豕 152.6<br>𪛼 𪛼<br>GKX-1196.09 T5-4323 | 27C58<br>豕 152.8<br>𪛽 𪛽<br>GKX-1197.05 T5-5132 | 27C6B<br>豕 152.9<br>𪛾 𪛾<br>GKX-1198.01 T7-3359 | 27C7E<br>豕 152.11<br>𪛿 𪛿<br>GKX-1199.04 T5-646B |
| 27C46<br>豕 152.6<br>𪛾 𪛾<br>VN-27C45            | 27C59<br>豕 152.8<br>𪛿 𪛿<br>GKX-1197.06 T4-4D66 | 27C6C<br>豕 152.9<br>𪛿 𪛿<br>GKX-1198.03 T4-5376 | 27C7F<br>豕 152.11<br>𪛿 𪛿<br>GKX-1199.05 T7-4343 |
| 27C47<br>豕 152.6<br>𪛿 𪛿<br>GKX-1196.13 T6-584D | 27C5A<br>豕 152.8<br>𪛿 𪛿<br>GKX-1197.07 T7-2929 | 27C6D<br>豕 152.9<br>𪛿 𪛿<br>GKX-1198.04 T7-335A | 27C80<br>豕 152.11<br>𪛿 𪛿<br>GKX-1199.06 T7-4344 |
| 27C48<br>豕 152.6<br>𪛿 𪛿<br>GKX-1196.16 T6-4F22 | 27C5B<br>豕 152.8<br>𪛿 𪛿<br>GKX-1197.08 T7-292B | 27C6E<br>豕 152.9<br>𪛿 𪛿<br>GKX-1198.06 T7-335C | 27C81<br>豕 152.11<br>𪛿 𪛿<br>T7-4345             |
| 27C49<br>豕 152.6<br>𪛿 𪛿<br>GKX-1196.17 T5-4324 | 27C5C<br>豕 152.8<br>𪛿 𪛿<br>GKX-1197.10 T5-5131 | 27C6F<br>豕 152.9<br>𪛿 𪛿<br>GKX-1198.07 T7-335B | 27C82<br>豕 152.12<br>𪛿 𪛿<br>GKX-1199.09 T4-6147 |
|                                                |                                                |                                                | 27C83<br>豕 152.12<br>𪛿 𪛿<br>GKX-1199.11 T5-6958 |

|                        |                        |                        |                        |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 2861F<br>走 162.14<br>遶 | 2861F<br>走 162.14<br>遶 | 28633<br>走 162.15<br>邊 | 28633<br>走 162.15<br>邊 | 28647<br>走 162.17<br>遶 | 28647<br>走 162.17<br>遶 | 2865B<br>走 162.19<br>遶 | 2865B<br>走 162.19<br>遶 |
| GHZ-63892.10           | T5-6538                | GHZ-63894.04           | KC-07883               | TF-6855                |                        | V2-8552                |                        |
| 28620<br>走 162.14<br>遶 | 28620<br>走 162.14<br>遶 | 28634<br>走 162.15<br>遶 | 28634<br>走 162.15<br>遶 | 28648<br>走 162.17<br>遶 | 28648<br>走 162.17<br>遶 | 2865C<br>走 162.19<br>遶 | 2865C<br>走 162.19<br>遶 |
| T7-437B                |                        | GHZ-63893.14           |                        | TF-6856                |                        | GHZ-80040.08           | T7-5D24                |
| 28621<br>走 162.15<br>遶 | 28621<br>走 162.15<br>遶 | 28635<br>走 162.15<br>遶 | 28635<br>走 162.15<br>遶 | 28649<br>走 162.17<br>遶 | 28649<br>走 162.17<br>遶 | 2865D<br>走 162.19<br>遶 | 2865D<br>走 162.19<br>遶 |
| GKX-1267.17            | T7-4B21                | GHZ-63893.11           | T5-697E                | TF-6857                |                        | V2-8553                |                        |
| 28622<br>走 162.15<br>遶 | 28622<br>走 162.15<br>遶 | 28636<br>走 162.15<br>遶 | 28636<br>走 162.15<br>遶 | 2864A<br>走 162.17<br>遶 | 2864A<br>走 162.17<br>遶 | 2865E<br>走 162.19<br>遶 | 2865E<br>走 162.19<br>遶 |
| GKX-1267.18            | T7-4B22                | TF-642C                |                        | TF-6858                |                        | GHZ-80040.07           | T7-626A                |
| 28623<br>走 162.15<br>遶 | 28623<br>走 162.15<br>遶 | 28637<br>走 162.16<br>遶 | 28637<br>走 162.16<br>遶 | 2864B<br>走 162.17<br>遶 | 2864B<br>走 162.17<br>遶 | 2865F<br>走 162.20<br>遶 | 2865F<br>走 162.20<br>遶 |
| GKX-1267.19            | T7-4A7E                | GKX-1267.21            | T7-505A                | GHZ-80040.06           |                        | GKX-1267.39            | T7-5F6A                |
| 28624<br>走 162.15<br>遶 | 28624<br>走 162.15<br>遶 | 28638<br>走 162.16<br>遶 | 28638<br>走 162.16<br>遶 | 2864C<br>走 162.17<br>遶 | 2864C<br>走 162.17<br>遶 | 28660<br>走 162.20<br>遶 | 28660<br>走 162.20<br>遶 |
| G4K-14037              |                        | GKX-1267.22            | T5-6E29                | V2-854F                |                        | GKX-1267.40            | T7-5F69                |
| 28625<br>走 162.15<br>遶 | 28625<br>走 162.15<br>遶 | 28639<br>走 162.16<br>遶 | 28639<br>走 162.16<br>遶 | 2864D<br>走 162.17<br>遶 | 2864D<br>走 162.17<br>遶 | 28661<br>走 162.20<br>遶 | 28661<br>走 162.20<br>遶 |
| H-8FA1                 |                        | GKX-1267.23            | T7-5059                | V2-8550                |                        | GHZ-63897.04           |                        |
| 28626<br>走 162.15<br>遶 | 28626<br>走 162.15<br>遶 | 2863A<br>走 162.16<br>遶 | 2863A<br>走 162.16<br>遶 | 2864E<br>走 162.17<br>遶 | 2864E<br>走 162.17<br>遶 | 28662<br>走 162.20<br>遶 | 28662<br>走 162.20<br>遶 |
| TF-642A                |                        | GCY                    |                        | GHZ-63896.01           | T6-714F                | GHZ-63897.05           |                        |
| 28627<br>走 162.15<br>遶 | 28627<br>走 162.15<br>遶 | 2863B<br>走 162.16<br>遶 | 2863B<br>走 162.16<br>遶 | 2864F<br>走 162.17<br>遶 | 2864F<br>走 162.17<br>遶 | 28663<br>走 162.20<br>遶 | 28663<br>走 162.20<br>遶 |
| TF-642B                |                        | H-8FA2                 |                        | GHZ-63896.02           | T5-7150                | GHZ-63897.06           | T5-783D                |
| 28628<br>走 162.15<br>遶 | 28628<br>走 162.15<br>遶 | 2863C<br>車 159.13<br>遶 | 2863C<br>車 159.13<br>遶 | 28650<br>走 162.17<br>遶 | 28650<br>走 162.17<br>遶 | 28664<br>走 162.21<br>遶 | 28664<br>走 162.21<br>遶 |
| TF-642D                |                        | GHZ-63895.02           | T5-6E27                | GHZ-63894.07           | T5-697D                | GHZ-63897.07           | T7-6155                |
| 28629<br>走 162.15<br>遶 | 28629<br>走 162.15<br>遶 | 2863D<br>走 162.16<br>遶 | 2863D<br>走 162.16<br>遶 | 28651<br>走 162.17<br>遶 | 28651<br>走 162.17<br>遶 | 28665<br>走 162.21<br>遶 | 28665<br>走 162.21<br>遶 |
| TF-642E                |                        | TF-664C                |                        | GHZ-63895.13           | T7-5551                | V2-8551                |                        |
| 2862A<br>走 162.15<br>遶 | 2862A<br>走 162.15<br>遶 | 2863E<br>走 162.16<br>遶 | 2863E<br>走 162.16<br>遶 | 28652<br>走 162.18<br>遶 | 28652<br>走 162.18<br>遶 | 28666<br>走 162.22<br>遶 | 28666<br>走 162.22<br>遶 |
| GHZ-63893.05           | T7-4A79                | GHZ-63895.05           |                        | GKX-1267.30            | T5-7152                | GKX-1267.41            | T7-626B                |
| 2862B<br>走 162.15<br>遶 | 2862B<br>走 162.15<br>遶 | 2863F<br>走 162.16<br>遶 | 2863F<br>走 162.16<br>遶 | 28653<br>走 162.18<br>遶 | 28653<br>走 162.18<br>遶 | 28667<br>走 162.23<br>遶 | 28667<br>走 162.23<br>遶 |
| GHZ-63893.06           | T7-4A7A                | GHZ-63895.09           | T7-5058                | GKX-1267.31            | T5-7452                | GHZ-63897.09           | T7-6568                |
| 2862C<br>走 162.15<br>遶 | 2862C<br>走 162.15<br>遶 | 28640<br>走 162.16<br>遶 | 28640<br>走 162.16<br>遶 | 28654<br>走 162.18<br>遶 | 28654<br>走 162.18<br>遶 | 28668<br>邑 163.0<br>遶  | 28668<br>邑 163.0<br>遶  |
| GHZ-63893.08           | T7-4A7D                | GHZ-63895.01           | T5-6E28                | GKX-1267.32            | T4-6B25                | GHZ-63753.02           | T6-2930                |
| 2862D<br>走 162.15<br>遶 | 2862D<br>走 162.15<br>遶 | 28641<br>走 162.16<br>遶 | 28641<br>走 162.16<br>遶 | 28655<br>走 162.18<br>遶 | 28655<br>走 162.18<br>遶 | 28669<br>邑 163.2<br>遶  | 28669<br>邑 163.2<br>遶  |
| GHZ-63893.10           | T7-4A7B                | GHZ-63895.06           | T7-5D22                | GKX-1267.33            | T7-595B                | GKX-1268.03            | T5-217C                |
| 2862E<br>走 162.15<br>遶 | 2862E<br>走 162.15<br>遶 | 28642<br>走 162.17<br>遶 | 28642<br>走 162.17<br>遶 | 28656<br>走 162.18<br>遶 | 28656<br>走 162.18<br>遶 | 2866A<br>邑 163.2<br>遶  | 2866A<br>邑 163.2<br>遶  |
| GHZ-63893.12           | T7-4A7C                | GKX-1267.24            | T4-6755                | V0-485D                |                        | GHZ-80039.01           |                        |
| 2862F<br>走 162.15<br>遶 | 2862F<br>走 162.15<br>遶 | 28643<br>走 162.17<br>遶 | 28643<br>走 162.17<br>遶 | 28657<br>走 162.18<br>遶 | 28657<br>走 162.18<br>遶 | 2866B<br>邑 163.3<br>遶  | 2866B<br>邑 163.3<br>遶  |
| GHZ-63893.15           |                        | GKX-1267.25            | T7-554F                | GHZ-63896.04           | T7-595A                | GKX-1268.04            | T5-232C                |
| 28630<br>走 162.15<br>遶 | 28630<br>走 162.15<br>遶 | 28644<br>走 162.17<br>遶 | 28644<br>走 162.17<br>遶 | 28658<br>走 162.18<br>遶 | 28658<br>走 162.18<br>遶 | 2866C<br>邑 163.3<br>遶  | 2866C<br>邑 163.3<br>遶  |
| GHZ-63894.06           | T7-4A78                | GKX-1267.26            | T5-7151                | GHZ-63896.07           | T7-5959                | GKX-1268.05            |                        |
| 28631<br>走 162.15<br>遶 | 28631<br>走 162.15<br>遶 | 28645<br>走 162.17<br>遶 | 28645<br>走 162.17<br>遶 | 28659<br>走 162.19<br>遶 | 28659<br>走 162.19<br>遶 | 2866D<br>邑 163.3<br>遶  | 2866D<br>邑 163.3<br>遶  |
| V0-4779                |                        | GKX-1267.27            | T7-5550                | GKX-1267.34            | T7-5D23                | GKX-1268.11            | T5-232B                |
| 28632<br>走 162.15<br>遶 | 28632<br>走 162.15<br>遶 | 28646<br>走 162.17<br>遶 | 28646<br>走 162.17<br>遶 | 2865A<br>走 162.19<br>遶 | 2865A<br>走 162.19<br>遶 | 2866E<br>邑 163.3<br>遶  | 2866E<br>邑 163.3<br>遶  |
| GHZ-63894.01           | T5-6A21                | GKX-1267.28            | T7-554E                | GKX-1267.35            | T7-5D25                | GKX-1268.13            | T5-232D                |



|                                                   |                                                             |                                                             |                                                       |
|---------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|
| 28ADA<br>金 167.11<br>鐳<br>GKX-1321.05             | 28AED<br>金 167.11<br>鍍<br>TF-6439                           | 28B01<br>金 167.11<br>鏹<br>GHZ-64252.02                      | 28B14<br>金 167.12<br>鐳<br>GKX-1322.02<br>鐳<br>T5-6E36 |
| 28ADB<br>金 167.11<br>鐳<br>G4K-28256               | 28AEE<br>金 167.11<br>鍍<br>TF-643A                           | 28B02<br>金 167.11<br>鏹<br>GHZ-64252.03<br>鏹<br>UTC-01304    | 28B15<br>金 167.13<br>鐳<br>GKX-1322.04                 |
| 28ADC<br>金 167.11<br>鐳<br>G4K-28731               | 28AEF<br>金 167.11<br>鍍<br>TF-643B                           | 28B03<br>金 167.11<br>鏹<br>GHZ-64252.10<br>鏹<br>T4-616A      | 28B16<br>金 167.12<br>鐳<br>GKX-1322.14<br>鐳<br>T5-6E32 |
| 28ADD<br>金 167.11<br>鐳<br>J4-7B3E                 | 28AF0<br>金 167.11<br>鍍<br>TF-643C                           | 28B04<br>金 167.11<br>鏹<br>GHZ-64252.11<br>鏹<br>T7-4B31      | 28B17<br>金 167.12<br>鐳<br>GKX-1322.15<br>鐳<br>T7-5070 |
| 28ADE<br>金 167.11<br>鐳<br>H-FABE                  | 28AF1<br>金 167.11<br>鍍<br>TF-643D                           | 28B05<br>金 167.11<br>鏹<br>GHZ-64252.12<br>鏹<br>T5-6556      | 28B18<br>金 167.12<br>鐳<br>GKX-1322.18<br>鐳<br>T7-5068 |
| 28ADF<br>金 167.11<br>鐳<br>H-FD43                  | 28AF2<br>金 167.11<br>鍍<br>TF-643F                           | 28B06<br>金 167.11<br>鏹<br>GHZ-80042.01<br>鏹<br>GHZ-80042.02 | 28B19<br>金 167.12<br>鐳<br>GKX-1323.01<br>鐳<br>T7-5069 |
| 28AE0<br>金 167.11<br>鐳<br>H-90C6                  | 28AF3<br>金 167.11<br>鍍<br>TF-6440                           | 28B07<br>金 167.11<br>鏹<br>GHZ-80042.02<br>鏹<br>V0-464D      | 28B1A<br>金 167.12<br>鐳<br>GKX-1323.03<br>鐳<br>T5-6E37 |
| 28AE1<br>金 167.11<br>鐳<br>H-90A4                  | 28AF4<br>金 167.11<br>鍍<br>TF-6441                           | 28B08<br>金 167.11<br>鏹<br>V0-464D<br>鏹<br>V2-857A           | 28B1B<br>金 167.12<br>鐳<br>GKX-1323.05<br>鐳<br>T4-646E |
| 28AE2<br>金 167.11<br>鐳<br>H-90A8                  | 28AF5<br>金 167.11<br>鍍<br>TF-6442<br>鍍<br>V2-8579           | 28B09<br>金 167.11<br>鏹<br>V2-857A<br>鏹<br>V2-857B           | 28B1C<br>金 167.12<br>鐳<br>GKX-1323.07<br>鐳<br>T7-5071 |
| 28AE3<br>金 167.11<br>鐳<br>H-94A9                  | 28AF6<br>金 167.11<br>鍍<br>TF-6443                           | 28B0A<br>金 167.11<br>鏹<br>V2-857B<br>鏹<br>K6-106D           | 28B1D<br>金 167.12<br>鐳<br>GKX-1323.11<br>鐳<br>T7-5071 |
| 28AE4<br>金 167.11<br>鐳<br>J4-7B3D                 | 28AF7<br>金 167.11<br>鍍<br>TF-6444                           | 28B0B<br>金 167.11<br>鏹<br>K6-106D<br>鏹<br>V2-857C           | 28B1E<br>金 167.12<br>鐳<br>GHC<br>鐳<br>T5-6E34         |
| 28AE5<br>金 167.11<br>鐳<br>H-90A9                  | 28AF8<br>金 167.11<br>鍍<br>TF-6445                           | 28B0C<br>金 167.11<br>鏹<br>TF-643E<br>鏹<br>H-907D            | 28B1F<br>金 167.12<br>鐳<br>GCY<br>鐳<br>T5-6E34         |
| 28AE6<br>金 167.11<br>鐳<br>T7-4B3B                 | 28AF9<br>金 167.11<br>鍍<br>GHZ-64246.03<br>鍍<br>T7-4B3C      | 28B0D<br>金 167.12<br>鏹<br>GKX-1321.11<br>鏹<br>T4-6468       | 28B20<br>金 167.12<br>鐳<br>K4-00EF<br>鐳<br>H-FDBA      |
| 28AE7<br>金 167.11<br>鐳<br>TF-6431                 | 28AFA<br>金 167.11<br>鍍<br>GHZ-64246.06<br>鍍<br>GHZ-64246.07 | 28B0E<br>金 167.12<br>鏹<br>GKX-1321.15<br>鏹<br>T7-506D       | 28B21<br>金 167.12<br>鐳<br>H-FDBA<br>鐳<br>H-93C4       |
| 28AE8<br>金 167.11<br>鐳<br>TF-6432                 | 28AFB<br>金 167.11<br>鍍<br>GHZ-64246.07<br>鍍<br>T7-4B35      | 28B0F<br>金 167.12<br>鏹<br>GKX-1321.20<br>鏹<br>T7-506E       | 28B22<br>金 167.12<br>鐳<br>H-93C4<br>鐳<br>TF-6650      |
| 28AE9<br>金 167.11<br>鐳<br>TF-6433                 | 28AFC<br>金 167.11<br>鍍<br>GHZ-64246.09<br>鍍<br>H-95E0       | 28B10<br>金 167.12<br>鏹<br>GKX-1321.25<br>鏹<br>T5-6E38       | 28B23<br>金 167.12<br>鐳<br>TF-6650<br>鐳<br>TF-6651     |
| 28AEA<br>金 167.11<br>鐳<br>TF-6435<br>鐳<br>V0-464B | 28AFD<br>金 167.11<br>鍍<br>GHZ-64246.16<br>鍍<br>T7-4B38      | 28B11<br>金 167.12<br>鏹<br>GKX-1321.27<br>鏹<br>T7-5072       | 28B24<br>金 167.12<br>鐳<br>TF-6651<br>鐳<br>TF-6653     |
| 28AEB<br>金 167.11<br>鐳<br>H-8C65                  | 28AFE<br>金 167.11<br>鍍<br>GHZ-64247.03<br>鍍<br>GHZ-64248.04 | 28B12<br>金 167.12<br>鏹<br>GKX-1321.34<br>鏹<br>T5-6E33       | 28B25<br>金 167.12<br>鐳<br>TF-6653<br>鐳<br>TF-6654     |
| 28AEC<br>金 167.11<br>鐳<br>TF-6438                 | 28AFF<br>金 167.11<br>鍍<br>GHZ-64248.04<br>鍍<br>GHZ-64248.05 | 28B13<br>金 167.12<br>鏹<br>GKX-1321.39<br>鏹<br>H-9265        | 28B26<br>金 167.12<br>鐳<br>TF-6654<br>鐳<br>TF-6655     |
|                                                   | 28B00<br>金 167.11<br>鐳<br>GHZ-64248.05                      |                                                             | 28B27<br>金 167.12<br>鐳<br>TF-6655                     |

|                                                 |                                                  |                                                  |                                                 |
|-------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| 28E85<br>阜 170.8<br>𪛗 𪛗<br>GKX-1355.09 T7-347B  | 28E98<br>阜 170.8<br>隄<br>GHZ-64137.14            | 28EAA<br>阜 170.9<br>陲 陲<br>GKX-1357.07 T6-5029   | 28EBC<br>阜 170.9<br>隆<br>GHZ-64148.04           |
| 28E86<br>阜 170.8<br>隄 隄<br>GKX-1355.11 T6-4625  | 28E99<br>阜 170.8<br>隄<br>GHZ-64137.16            | 28EAB<br>阜 170.9<br>陲 陲<br>VN-28EAA              | 28EBD<br>阜 170.9<br>陲<br>GHZ-64149.02           |
| 28E87<br>阜 170.8<br>陲<br>G4K-27247              | 28E9A<br>阜 170.8<br>隆 隆<br>GHZ-64141.01 KC-04362 | 28EAB<br>阜 170.9<br>陲 陲<br>GKX-1357.11 T7-3D34   | 28EBE<br>阜 170.9<br>陲<br>GHZ-80041.11           |
| 28E88<br>阜 170.8<br>陲<br>GHC                    | 28E9B<br>阜 170.8<br>隆<br>GHZ-64141.02            | 28EAC<br>阜 170.9<br>陲 陲<br>GKX-1357.12 T6-5027   | 28EBF<br>阜 170.9<br>陲 陲<br>GHZ-64142.11 T5-3D36 |
| 28E89<br>阜 170.8<br>陲<br>J4-7B65                | 28E9C<br>阜 170.8<br>陲<br>GHZ-64142.03            | 28EAD<br>阜 170.9<br>陲 陲<br>H-FEAF                | 28EC0<br>阜 170.10<br>陲 陲<br>GKX-1357.16 T6-596A |
| 28E8A<br>阜 170.8<br>陲<br>TF-387C                | 28E9D<br>阜 170.8<br>陲<br>GHZ-64142.07            | 28EAE<br>阜 170.9<br>陲 陲<br>GKX-1357.13 T5-3D3B   | 28EC1<br>阜 170.10<br>陲 陲<br>GKX-1358.02 T5-437B |
| 28E8B<br>阜 170.8<br>陲<br>TF-387D                | 28E9E<br>阜 170.9<br>陲<br>GHZ-80041.10            | 28EAF<br>阜 170.9<br>陲 陲<br>GKX-1357.14 T6-5028   | 28EC2<br>阜 170.10<br>陲 陲<br>GKX-1358.04 T5-4378 |
| 28E8C<br>阜 170.8<br>陲<br>TF-387E                | 28E9F<br>阜 170.9<br>陲 陲<br>GKX-1355.12 T5-3D38   | 28EAF<br>阜 170.9<br>陲 陲<br>GKX-1357.15 T6-5026   | 28EC3<br>阜 170.10<br>陲 陲<br>VN-28EC2            |
| 28E8D<br>阜 170.8<br>陲<br>TF-3921                | 28EA0<br>阜 170.9<br>陲 陲<br>GKX-1356.04 T5-3D3D   | 28EB0<br>阜 170.9<br>陲<br>G4K-3D114               | 28EC4<br>阜 170.10<br>陲 陲<br>GKX-1358.08 T6-5962 |
| 28E8E<br>阜 170.8<br>陲<br>TF-3922                | 28EA1<br>阜 170.9<br>陲 陲<br>GKX-1356.05 T5-3D39   | 28EB1<br>阜 170.9<br>陲<br>TF-4022                 | 28EC5<br>阜 170.10<br>陲 陲<br>GKX-1358.09 T6-5969 |
| 28E8F<br>阜 170.8<br>陲<br>TF-3923                | 28EA2<br>阜 170.9<br>陲 陲<br>GKX-1356.08 T5-3D3A   | 28EB2<br>阜 170.9<br>陲<br>H-FE72                  | 28EC6<br>阜 170.10<br>陲 陲<br>GKX-1358.12 T6-5967 |
| 28E90<br>阜 170.8<br>陲<br>TF-3924                | 28EA3<br>阜 170.9<br>陲 陲<br>GKX-1356.09 T5-3D3C   | 28EB3<br>阜 170.9<br>陲<br>H-927A                  | 28EC7<br>阜 170.10<br>陲 陲<br>GKX-1358.13 T5-437C |
| 28E91<br>阜 170.8<br>陲<br>TF-3925                | 28EA4<br>阜 170.9<br>陲 陲<br>GKX-1356.11 T6-5025   | 28EB4<br>阜 170.9<br>陲<br>TF-4023                 | 28EC8<br>阜 170.10<br>陲 陲<br>GKX-1358.14 T5-4379 |
| 28E92<br>阜 170.8<br>陲<br>TF-3926                | 28EA5<br>阜 170.9<br>陲 陲<br>GKX-1356.12 T6-5023   | 28EB5<br>阜 170.9<br>陲 陲<br>GHZ-64142.09 T7-3D32  | 28EC9<br>阜 170.10<br>陲 陲<br>GKX-1358.15 T5-4377 |
| 28E93<br>阜 170.8<br>陲<br>TF-3927                | 28EA6<br>阜 170.9<br>陲 陲<br>GKX-1356.14 T5-3D34   | 28EB6<br>阜 170.9<br>陲<br>GHZ-64142.12            | 28EC0<br>阜 170.10<br>陲 陲<br>GKX-1358.18 T6-635F |
| 28E94<br>阜 170.8<br>陲<br>GHZ-64134.01           | 28EA7<br>阜 170.9<br>陲 陲<br>GKX-1356.18 T5-3D35   | 28EB7<br>阜 170.9<br>陲<br>GHZ-64146.01            | 28ECA<br>阜 170.10<br>陲 陲<br>GKX-1358.23 T6-5963 |
| 28E95<br>阜 170.8<br>陲<br>GHZ-64137.02           | 28EA8<br>阜 170.9<br>陲 陲<br>GKX-1356.20 T5-3D37   | 28EB8<br>阜 170.9<br>陲<br>GHZ-64146.02            | 28ECB<br>阜 170.10<br>陲 陲<br>GKX-1359.03 T6-5965 |
| 28E96<br>阜 170.8<br>陲<br>GHZ-64137.03           | 28EA9<br>阜 170.9<br>陲 陲<br>GKX-1356.21 T6-5024   | 28EB9<br>阜 170.9<br>陲<br>GHZ-64146.09            | 28ECC<br>阜 170.10<br>陲 陲<br>GKX-1359.04 T5-437D |
| 28E97<br>阜 170.8<br>陲 陲<br>GHZ-64137.08 K6-1071 |                                                  | 28EBA<br>阜 170.9<br>陲<br>GHZ-64147.01            | 28ECD<br>阜 170.10<br>陲 陲<br>GKX-1359.05 T5-437A |
|                                                 |                                                  | 28EBB<br>阜 170.9<br>陲 陲<br>GHZ-64147.06 VN-28EBB | 28ECE<br>阜 170.10<br>陲 陲<br>GKX-1359.06 T6-5966 |

|                                                             |                                                  |                                                  |                                                  |
|-------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 29750<br>食 184.9<br>𩚑 𩚑<br>GHZ-74466.07 J4-7C5D             | 29763<br>食 184.10<br>𩚓 𩚓<br>GKX-1424.01 T5-663C  | 29777<br>食 184.10<br>𩚗 𩚗<br>GHZ-74468.09         | 2978B<br>食 184.11<br>𩚛 𩚛<br>GKX-1425.03 T5-6A63  |
| 29751<br>食 184.9<br>𩚒 𩚒<br>GHZ-74466.08                     | 29764<br>食 184.10<br>𩚔 𩚔<br>GKX-1424.02 T7-452E  | 29778<br>食 184.10<br>𩚘 𩚘<br>GHZ-74469.10 T4-5E55 | 2978C<br>食 184.11<br>𩚜 𩚜<br>GKX-1425.06 T7-5152  |
| 29752<br>食 184.9<br>𩚑 𩚑<br>GHZ-74466.09                     | 29765<br>食 184.10<br>𩚕 𩚕<br>GKX-1424.03 T7-452D  | 29779<br>食 184.10<br>𩚙 𩚙<br>GHZ-74469.12 T7-4532 | 2978D<br>食 184.11<br>𩚝 𩚝<br>GKX-1425.07 T4-6239  |
| 29753<br>食 184.9<br>𩚒 𩚒<br>GHZ-74466.10                     | 29766<br>食 184.10<br>𩚖 𩚖<br>GKX-1424.10 T7-4B7E  | 2977A<br>食 184.10<br>𩚚 𩚚<br>V2-867E              | 2978E<br>食 184.11<br>𩚞 𩚞<br>GKX-1425.08 T7-5158  |
| 29754<br>食 184.9<br>𩚓 𩚓<br>GHZ-74466.15                     | 29767<br>食 184.10<br>𩚗 𩚗<br>GKX-1424.11 T4-5E5E  | 2977B<br>食 184.10<br>𩚛 𩚛<br>V3-3578              | 2978F<br>食 184.11<br>𩚟 𩚟<br>GKX-1425.09 T7-4C24  |
| 29755<br>食 184.9<br>𩚔 𩚔<br>GHZ-74466.19                     | 29768<br>食 184.10<br>𩚘 𩚘<br>GKX-1424.13 T5-663E  | 2977C<br>食 184.10<br>𩚜 𩚜<br>GHZ-74465.02 T7-4530 | 29790<br>食 184.11<br>𩚠 𩚠<br>GKX-1425.10 T7-5157  |
| 29756<br>食 184.9<br>𩚕 𩚕<br>GHZ-74466.21                     | 29769<br>食 184.10<br>𩚙 𩚙<br>GKX-1424.14 T7-4C22  | 2977D<br>食 184.11<br>𩚝 𩚝<br>GKX-1424.18 T5-6A64  | 29791<br>食 184.11<br>𩚡 𩚡<br>GKX-1425.11 T4-623A  |
| 29757<br>食 184.9<br>𩚖 𩚖<br>GHZ-74463.19 T5-6030             | 2976A<br>食 184.10<br>𩚚 𩚚<br>GKX-1424.15          | 2977E<br>食 184.11<br>𩚞 𩚞<br>GKX-1424.20 T7-4C23  | 29792<br>食 184.11<br>𩚢 𩚢<br>GHC                  |
| 29758<br>食 184.9<br>𩚗 𩚗<br>GHZ-74466.16 T7-3D7C             | 2976B<br>食 184.10<br>𩚜 𩚜<br>GKX-1424.16 T7-5154  | 2977F<br>食 184.11<br>𩚟 𩚟<br>GKX-1424.21 T5-6A62  | 29793<br>食 184.11<br>𩚣 𩚣<br>GHC                  |
| 29759<br>食 184.10<br>𩚘 𩚘<br>GKX-1423.26 T7-452F             | 2976C<br>食 184.10<br>𩚝 𩚝<br>GKX-1424.17 T7-452C  | 29780<br>食 184.11<br>𩚠 𩚠<br>GKX-1424.22 T4-623B  | 29794<br>食 184.11<br>𩚤 𩚤<br>GBK                  |
| 2975A<br>食 184.10<br>𩚙 𩚙<br>GKX-1423.27 T5-663F             | 2976D<br>食 184.10<br>𩚞 𩚞<br>G4K-28260            | 29781<br>食 184.11<br>𩚡 𩚡<br>GKX-1424.23 T4-653D  | 29795<br>食 184.11<br>𩚥 𩚥<br>G4K-28735            |
| 2975B<br>食 184.10<br>𩚚 𩚚<br>GKX-1423.28 T5-663B             | 2976E<br>食 184.10<br>𩚟 𩚟<br>T7-4529              | 29782<br>食 184.11<br>𩚢 𩚢<br>GKX-1424.25 T7-5153  | 29796<br>食 184.11<br>𩚦 𩚦<br>TF-6458              |
| 2975C<br>食 184.10<br>𩚛 𩚛<br>GKX-1423.32                     | 2976F<br>食 184.10<br>𩚠 𩚠<br>G4K-26804            | 29783<br>食 184.11<br>𩚣 𩚣<br>GKX-1424.26 T5-6A69  | 29797<br>食 184.11<br>𩚧 𩚧<br>TF-6459              |
| 2975D<br>食 184.10<br>𩚜 𩚜<br>GKX-1423.34 T4-5E56             | 29770<br>食 184.10<br>𩚡 𩚡<br>T7-4531              | 29784<br>食 184.11<br>𩚤 𩚤<br>GKX-1424.28 T5-6A66  | 29798<br>食 184.11<br>𩚨 𩚨<br>GHZ-74470.03         |
| 2975E<br>食 184.10<br>𩚝 𩚝<br>GKX-1423.35 T4-5E5C             | 29771<br>食 184.10<br>𩚢 𩚢<br>TF-615A              | 29785<br>食 184.11<br>𩚦 𩚦<br>GKX-1424.29 T5-6A68  | 29799<br>食 184.11<br>𩚩 𩚩<br>GHZ-74470.06 T5-6A65 |
| 2975F<br>食 184.10<br>𩚞 𩚞<br>GKX-1423.36 T5-6038             | 29772<br>食 184.10<br>𩚣 𩚣<br>TF-615B              | 29786<br>食 184.11<br>𩚧 𩚧<br>GKX-1424.30 T5-6A6A  | 2979A<br>食 184.11<br>𩚪 𩚪<br>GHZ-74470.21 T7-5156 |
| 29760<br>食 184.10<br>𩚟 𩚟<br>GKX-1423.37 T4-5E5D<br>KC-06920 | 29773<br>食 184.10<br>𩚤 𩚤<br>GHZ-74467.06         | 29787<br>食 184.11<br>𩚨 𩚨<br>GKX-1424.32 T7-5151  | 2979B<br>食 184.11<br>𩚫 𩚫<br>GHZ-74470.24         |
| 29761<br>食 184.10<br>𩚠 𩚠<br>GKX-1423.39 T5-663D             | 29774<br>食 184.11<br>𩚩 𩚩<br>GHZ-74467.14 T7-4C25 | 29788<br>食 184.11<br>𩚪 𩚪<br>GKX-1424.34 T4-6237  | 2979C<br>食 184.11<br>𩚬 𩚬<br>GHZ-74471.10         |
| 29762<br>食 184.10<br>𩚡 𩚡<br>GKX-1423.40 T5-6037             | 29775<br>食 184.10<br>𩚫 𩚫<br>GHZ-74467.16 T7-4C21 | 29789<br>食 184.11<br>𩚭 𩚭<br>GKX-1424.36 T5-6A67  | 2979D<br>食 184.11<br>𩚯 𩚯<br>V0-473E              |
|                                                             | 29776<br>食 184.10<br>𩚬 𩚬<br>GHZ-74468.05         | 2978A<br>食 184.11<br>𩚮 𩚮<br>GKX-1425.02 T5-6039  | 2979E<br>食 184.11<br>𩚰 𩚰<br>GHZ-74470.15 T5-6A6B |

2A600  
齒 211.6  
GKX-1534.09  
T5-7325

齒并 齏

2A601  
齒 211.6  
GKX-1534.10  
T5-732B

齒𪔐 齒𪔐

2A602  
齒 211.6  
H-8AC9  
J4-7E70  
VN-2A602

齒𪔐 齏

2A603  
齒 211.6  
GHZ-74792.12

齒有 齒有

2A604  
齒 211.6  
GHZ-74793.06  
T7-5745

齒𪔐 齒𪔐

2A605  
齒 211.6  
GHZ-74793.08  
T7-5747

齒𪔐 齒𪔐

2A606  
齒 211.6  
GHZ-74793.11

齒𪔐 齒𪔐

2A607  
齒 211.6  
GHZ-74793.13

齒𪔐 齒𪔐

2A608  
齒 211.6  
GHZ-74793.15

齒𪔐 齒𪔐

2A609  
齒 211.6  
GHZ-74793.16

齒𪔐 齒𪔐

2A60A  
齒 211.6  
GHZ-74793.18  
T5-7329

齒𪔐 齒𪔐

2A60B  
齒 211.6  
GHZ-74794.04  
T7-5741

齒𪔐 齒𪔐

2A60C  
齒 211.6  
VZ-8872

齒𪔐 齒𪔐

2A60D  
齒 211.6  
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T5-7326

齒𪔐 齒𪔐

2A60E  
齒 211.7  
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T7-5B38

齒𪔐 齒𪔐

2A60F  
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GKX-1534.14  
T4-6A3E

齒𪔐 齒𪔐

2A610  
齒 211.7  
GKX-1534.15  
T5-755C

齒𪔐 齒𪔐

2A611  
齒 211.7  
GKX-1534.16  
T5-755B

齒𪔐 齒𪔐

2A612  
齒 211.7  
GKX-1534.18  
T5-755E

齒𪔐 齒𪔐

2A613  
齒 211.7  
GKX-1534.19  
T7-5B40

齒𪔐 齒𪔐

2A614  
齒 211.7  
GKX-1534.21  
T7-5B3F

齒𪔐 齒𪔐

2A615  
齒 211.7  
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T5-755F

齒𪔐 齒𪔐

2A616  
齒 211.7  
GKX-1534.24  
T7-5B3A

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2A617  
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GKX-1534.25  
T5-7560

齒𪔐 齒𪔐

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齒𪔐 齒𪔐

2A619  
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GHC

齒𪔐 齒𪔐

2A61A  
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J4-7E72

齒𪔐 齒𪔐

2A61B  
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T7-5B39

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2A61C  
齒 211.7  
GHZ-74794.10  
T5-755A

齒𪔐 齒𪔐

2A61D  
齒 211.7  
GHZ-74794.13  
T5-755A

齒𪔐 齒𪔐

2A61E  
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GHZ-74794.16  
T5-755A

齒𪔐 齒𪔐

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T7-5B3D

齒𪔐 齒𪔐

2A621  
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T7-5B3E

齒𪔐 齒𪔐

2A622  
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GHZ-74795.14  
T7-5B3C

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T5-774F

齒𪔐 齒𪔐

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T5-774E

齒𪔐 齒𪔐

2A627  
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GKX-1534.30  
T4-6B5E

齒𪔐 齒𪔐

2A628  
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GKX-1534.34  
T4-6B62

齒𪔐 齒𪔐

2A629  
齒 211.8  
GKX-1534.36  
T4-6B63

齒𪔐 齒𪔐

2A62A  
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GKX-1534.37  
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齒𪔐 齒𪔐

2A62B  
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GKX-1534.39  
T4-6B60

齒𪔐 齒𪔐

2A62C  
齒 211.8  
GKX-1534.40  
T4-6B60

齒𪔐 齒𪔐

2A62D  
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GKX-1535.02  
T5-7750

齒𪔐 齒𪔐

2A62E  
齒 211.8  
GKX-1535.03  
T7-5E4E

齒𪔐 齒𪔐

2A62F  
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GHZ-74796.05  
T5-755A

齒𪔐 齒𪔐

2A630  
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GHZ-74796.07  
T7-5E4C

齒𪔐 齒𪔐

2A631  
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GHZ-74796.14  
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GHZ-74797.01  
T4-6B5D

齒𪔐 齒𪔐

2A633  
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GHZ-74797.05  
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齒𪔐 齒𪔐

2A634  
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GHZ-74797.06  
T7-5E4A

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2A635  
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V0-487D

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2A636  
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T7-5E4B

齒𪔐 齒𪔐

2A637  
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GHZ-74797.03  
T7-5E4F

齒𪔐 齒𪔐

2A638  
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GHZ-74795.19  
T4-6B64

齒𪔐 齒𪔐

2A639  
齒 211.9  
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T4-6C67

齒𪔐 齒𪔐

2A63A  
齒 211.9  
GKX-1535.07  
T5-787E

齒𪔐 齒𪔐

2A63B  
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GKX-1535.08  
T7-6067

齒𪔐 齒𪔐

2A63C  
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GKX-1535.10  
T4-6C68

齒𪔐 齒𪔐

2A63D  
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GKX-1535.15  
T7-6065

齒𪔐 齒𪔐

2A63E  
齒 211.9  
GKX-1535.17  
T5-7921

齒𪔐 齒𪔐

2A63F  
齒 211.9  
GKX-1535.18  
T7-6223

齒𪔐 齒𪔐

2A640  
齒 211.9  
GKX-1535.19  
T4-6C65

齒𪔐 齒𪔐

2A641  
齒 211.9  
GKX-1535.20  
T7-6063

齒𪔐 齒𪔐

2A642  
齒 211.9  
GKX-1535.22  
T7-6066

齒𪔐 齒𪔐

2A643  
齒 211.9  
GHZ-74797.18  
T7-6064

齒𪔐 齒𪔐

2A644  
齒 211.9  
GHZ-74798.03  
T7-6068

齒𪔐 齒𪔐

2A645  
齒 211.9  
GHZ-74798.04  
T7-6068

齒𪔐 齒𪔐

2A646  
齒 211.9  
GHZ-74798.12  
T7-6062

齒𪔐 齒𪔐

2A647  
齒 211.9  
GHZ-74798.13  
T7-6068

齒𪔐 齒𪔐

2A648  
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GHZ-74798.05  
T5-7922

齒𪔐 齒𪔐

2A649  
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T4-6D4E

齒𪔐 齒𪔐

2A64A  
齒 211.10  
GKX-1535.27  
T4-6D4A

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| 2A69A<br>龍 212.4<br>𪚥<br>V0-3D58 | 2A69B<br>龍 212.4<br>𪚦<br>TF-673D | 2A69C<br>龍 212.6<br>𪚧<br>GKX-1537.13 | 2A69D<br>龍 212.6<br>𪚨<br>GKX-1537.15 | 2A69E<br>龍 212.6<br>𪚩<br>GKX-1537.17 | 2A69F<br>龍 212.6<br>𪚪<br>GHZ-74805.10 | 2A6A0<br>龍 212.7<br>𪚬<br>GKX-1537.18 | 2A6A1<br>龍 212.7<br>𪚭<br>GHZ-74806.03 | 2A6A2<br>龍 212.9<br>𪚮<br>GHZ-74806.05 | 2A6A3<br>龍 212.11<br>𪚯<br>GHZ-74806.06 | 2A6A4<br>龍 212.11<br>𪚰<br>V0-485F | 2A6A5<br>龍 212.48<br>𪚱<br>GHZ-74806.10 | 2A6A6<br>龍 213.0<br>𪚲<br>GHZ-74809.03 | 2A6A7<br>龜 213.5<br>𪚳<br>GHZ-74809.05 | 2A6A8<br>龜 213.2<br>𪚴<br>GKX-1538.02 | 2A6A9<br>龜 213.3<br>𪚵<br>H-9E75 | 2A6AA<br>龜 213.3<br>𪚶<br>GHZ-74809.07 | 2A6AB<br>龜 213.4<br>𪚷<br>GHZ-74809.08 | 2A6AC<br>龜 213.4<br>𪚸<br>GKX-1538.05 | 2A6AD<br>龜 213.4<br>𪚹<br>GKX-1538.06 | 2A6AE<br>龜 213.4<br>𪚺<br>GKX-1538.07 | 2A6AF<br>龜 213.4<br>𪚻<br>GKX-1538.08 | 2A6B0<br>龜 213.4<br>𪚼<br>GKX-1538.09 | 2A6B1<br>龜 213.4<br>𪚽<br>GKX-1538.10 | 2A6B2<br>龜 213.4<br>𪚾<br>J4-7E76 | 2A6B3<br>龜 213.4<br>𪚿<br>T7-5271 | 2A6B4<br>龜 213.4<br>𪚿<br>TF-673E | 2A6B5<br>龜 213.4<br>𪚿<br>GHZ-74810.05 | 2A6B6<br>龜 213.5<br>𪚿<br>GKX-1538.12 | 2A6B7<br>龜 213.5<br>𪚿<br>GKX-1538.13 | 2A6B8<br>龜 213.5<br>𪚿<br>GKX-1538.14 | 2A6B9<br>龜 213.5<br>𪚿<br>GKX-1538.15 | 2A6BA<br>龜 213.5<br>𪚿<br>GKX-1538.16 | 2A6BB<br>龜 213.5<br>𪚿<br>GKX-1538.18 | 2A6BC<br>龜 213.5<br>𪚿<br>GKX-1538.19 | 2A6BD<br>龜 213.5<br>𪚿<br>GHZ-74810.15 | 2A6BE<br>龜 213.7<br>𪚿<br>GHZ-63658.04 | 2A6BF<br>龜 213.7<br>𪚿<br>GHZ-53556.09 | 2A6C0<br>龜 213.8<br>𪚿<br>GKX-1538.20 | 2A6C1<br>龜 213.9<br>𪚿<br>GKX-1538.21 | 2A6C2<br>龜 213.11<br>𪚿<br>GKX-1538.22 | 2A6C3<br>龜 213.11<br>𪚿<br>GHZ-74810.18 | 2A6C4<br>龜 213.11<br>𪚿<br>GHZ-74810.19 | 2A6C5<br>龜 213.12<br>𪚿<br>V3-3644 | 2A6C6<br>龜 213.12<br>𪚿<br>TF-6D2D | 2A6C7<br>龜 213.14<br>𪚿<br>V2-8873 | 2A6C8<br>龜 213.17<br>𪚿<br>GKX-1538.24 | 2A6C9<br>龜 213.0<br>𪚿<br>TF-2926 | 2A6CA<br>龜 214.4<br>𪚿<br>GKX-1538.28 | 2A6CB<br>龜 214.8<br>𪚿<br>GKX-1538.32 | 2A6CC<br>龜 214.8<br>𪚿<br>GHZ-74807.06 | 2A6CD<br>龜 214.8<br>𪚿<br>GHZ-74807.07 | 2A6CE<br>龜 214.9<br>𪚿<br>GKX-1538.33 | 2A6CF<br>龜 214.9<br>𪚿<br>GKX-1538.34 | 2A6D0<br>龜 214.9<br>𪚿<br>GKX-1538.37 | 2A6D1<br>龜 214.9<br>𪚿<br>GKX-1538.38 | 2A6D2<br>龜 214.10<br>𪚿<br>GKX-1538.39 | 2A6D3<br>龜 214.11<br>𪚿<br>GKX-1538.41 | 2A6D4<br>龜 214.14<br>𪚿<br>GKX-1538.42 | 2A6D5<br>龜 214.16<br>𪚿<br>GKX-1538.43 | 2A6D6<br>龜 214.20<br>𪚿<br>GKX-1538.44 | 2A6D7<br>口 30.3<br>合<br>UTC-03160 | 2A6D8<br>口 31.2<br>四<br>UTC-03161 | 2A6D9<br>一 1.0<br>𪚿<br>UTC-03162 | 2A6DA<br>上<br>UTC-03163 | 2A6DB<br>尸 44.1<br>尺<br>UTC-03164 | 2A6DC<br>工 48.0<br>工<br>UTC-03165 | 2A6DD<br>几 16.1<br>凡<br>UTC-03166 | 2A6DE<br>玉 96.10<br>瑑<br>TC-662B | 2A6DF<br>目 109.4<br>旺<br>MC-00138 |
|----------------------------------|----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|-----------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|----------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|-------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|



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| 2A840<br>□ 30.6<br>𠵽<br>GZFY-00736  | 2A854<br>□ 30.8<br>𠵽<br>V4-4342     | 2A868<br>□ 30.9<br>𠵽<br>JK-65069    | 2A87C<br>□ 30.11<br>𠵽<br>TD-4939     |
| 2A841<br>□ 30.6<br>𠵽<br>GZFY-00695  | 2A855<br>□ 30.8<br>𠵽<br>TC-5344     | 2A869<br>□ 30.9<br>𠵽<br>V4-4355     | 2A87D<br>□ 30.11<br>𠵽<br>V4-436C     |
| 2A842<br>□ 30.6<br>𠵽<br>TC-3866     | 2A856<br>□ 30.8<br>𠵽<br>TC-536F     | 2A86A<br>□ 30.10<br>𠵽<br>TD-372C    | 2A87E<br>□ 30.11<br>𠵽<br>V4-436D     |
| 2A843<br>□ 30.6<br>𠵽<br>GZFY-00805  | 2A857<br>□ 30.8<br>𠵽<br>V4-4343     | 2A86B<br>□ 30.10<br>𠵽<br>TD-372D    | 2A87F<br>□ 30.11<br>𠵽<br>V4-436F     |
| 2A844<br>□ 30.7<br>𠵽<br>TC-4557     | 2A858<br>□ 30.8<br>𠵽<br>GZJW-00178  | 2A86C<br>□ 30.10<br>𠵽<br>TD-373B    | 2A880<br>□ 30.11<br>𠵽<br>K5-0116     |
| 2A845<br>□ 30.7<br>𠵽<br>JK-65063    | 2A859<br>□ 30.8<br>𠵽<br>TC-535D     | 2A86D<br>□ 30.10<br>𠵽<br>V4-4357    | 2A881<br>□ 30.11<br>𠵽<br>TD-5959     |
| 2A846<br>□ 30.7<br>𠵽<br>V4-432D     | 2A85A<br>□ 30.8<br>𠵽<br>V4-4348     | 2A86E<br>□ 30.10<br>𠵽<br>TD-367A    | 2A882<br>□ 30.11<br>𠵽<br>JK-65078    |
| 2A847<br>□ 30.7<br>𠵽<br>GZFY-00806  | 2A85B<br>□ 30.8<br>𠵽<br>GZFY-00786  | 2A86F<br>□ 30.10<br>𠵽<br>V4-435C    | 2A883<br>□ 30.11<br>𠵽<br>V4-4372     |
| 2A848<br>□ 30.7<br>𠵽<br>V4-432E     | 2A85C<br>□ 30.9<br>𠵽<br>TD-2268     | 2A870<br>□ 30.10<br>𠵽<br>GZJW-00793 | 2A884<br>□ 30.11<br>𠵽<br>GZJW-00797  |
| 2A849<br>□ 30.7<br>𠵽<br>V4-4330     | 2A85D<br>□ 30.9<br>𠵽<br>V4-434A     | 2A871<br>□ 30.10<br>𠵽<br>V4-435E    | 2A885<br>□ 30.12<br>𠵽<br>TD-595D     |
| 2A84A<br>□ 30.7<br>𠵽<br>V4-4338     | 2A85E<br>□ 30.9<br>𠵽<br>GGH-2002.09 | 2A872<br>□ 30.10<br>𠵽<br>K5-0239    | 2A886<br>□ 30.12<br>𠵽<br>V4-4379     |
| 2A84B<br>□ 30.7<br>𠵽<br>GCH-2001.97 | 2A85F<br>□ 30.9<br>𠵽<br>TD-2329     | 2A873<br>□ 30.10<br>𠵽<br>TD-424E    | 2A887<br>□ 30.12<br>𠵽<br>K5-0118     |
| 2A84C<br>□ 30.7<br>𠵽<br>TC-455E     | 2A860<br>□ 30.9<br>𠵽<br>TD-2347     | 2A874<br>□ 30.10<br>𠵽<br>V4-435F    | 2A888<br>□ 30.12<br>𠵽<br>V4-4378     |
| 2A84D<br>□ 30.7<br>𠵽<br>V4-4333     | 2A861<br>□ 30.9<br>𠵽<br>JK-65067    | 2A875<br>□ 30.10<br>𠵽<br>V4-4361    | 2A889<br>□ 30.12<br>𠵽<br>TD-595B     |
| 2A84E<br>□ 30.7<br>𠵽<br>V4-4334     | 2A862<br>□ 30.9<br>𠵽<br>K5-023B     | 2A876<br>□ 30.10<br>𠵽<br>GZFY-00783 | 2A88A<br>□ 30.12<br>𠵽<br>JK-65075    |
| 2A84F<br>□ 30.8<br>𠵽<br>GCH-1001.94 | 2A863<br>□ 30.9<br>𠵽<br>TD-233D     | 2A877<br>□ 30.10<br>𠵽<br>V4-4362    | 2A88B<br>□ 30.12<br>𠵽<br>GZFY-00717  |
| 2A850<br>□ 30.8<br>𠵽<br>TC-5358     | 2A864<br>□ 30.9<br>𠵽<br>TD-2B52     | 2A878<br>□ 30.11<br>𠵽<br>TD-493F    | 2A88C<br>□ 30.12<br>𠵽<br>GGH-1002.25 |
| 2A851<br>□ 30.8<br>𠵽<br>V4-4341     | 2A865<br>□ 30.9<br>𠵽<br>V4-4350     | 2A879<br>□ 30.11<br>𠵽<br>JK-65074   | 2A88D<br>□ 30.12<br>𠵽<br>V4-437D     |
| 2A852<br>□ 30.8<br>𠵽<br>GZJW-00174  | 2A866<br>□ 30.9<br>𠵽<br>V4-4352     | 2A87A<br>□ 30.11<br>𠵽<br>GJZ-00019  | 2A88E<br>□ 30.13<br>𠵽<br>TD-6779     |
| 2A853<br>□ 30.8<br>𠵽<br>GZFY-00775  | 2A867<br>□ 30.9<br>𠵽<br>K5-00B7     | 2A87B<br>□ 30.11<br>𠵽<br>V4-4364    | 2A88F<br>□ 30.13<br>𠵽<br>V4-4424     |

|                                     |                                   |                                      |                                      |
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| 2AF15<br>玉 96.11<br>璠<br>TD-6029    | 2AF29<br>玉 96.15<br>璡<br>K5-0157  | 2AF3D<br>瓦 98.10<br>甍<br>GCH-1009.50 | 2AF51<br>田 102.6<br>𪚩<br>K5-016E     |
| 2AF16<br>玉 96.11<br>璢<br>GZJW-01296 | 2AF2A<br>玉 96.15<br>璣<br>JK-65391 | 2AF3E<br>瓦 98.10<br>甎<br>K5-01B5     | 2AF52<br>田 102.6<br>𪚪<br>K5-0206     |
| 2AF17<br>玉 96.12<br>璣<br>TD-6D48    | 2AF2B<br>玉 96.15<br>璢<br>TE-362A  | 2AF3F<br>瓦 98.17<br>甌<br>JK-65407    | 2AF53<br>田 102.7<br>𪚫<br>TD-2D70     |
| 2AF18<br>玉 96.12<br>璢<br>TD-6D3D    | 2AF2C<br>玉 96.16<br>璣<br>TE-3C33  | 2AF40<br>甘 99.7<br>𪚬<br>TD-2D68      | 2AF54<br>田 102.7<br>𪚭<br>K5-00C3     |
| 2AF19<br>玉 96.12<br>璢<br>K5-015C    | 2AF2D<br>玉 96.16<br>璣<br>K5-00BF  | 2AF41<br>生 100.2<br>𪚮<br>V4-4E28     | 2AF55<br>田 102.7<br>𪚯<br>V4-4E37     |
| 2AF1A<br>玉 96.12<br>璢<br>K5-01ED    | 2AF2E<br>玉 96.16<br>璣<br>TE-3C32  | 2AF42<br>生 100.6<br>𪚰<br>TC-5C36     | 2AF56<br>田 102.7<br>𪚱<br>V4-4E38     |
| 2AF1B<br>玉 96.12<br>璢<br>K5-006F    | 2AF2F<br>玉 96.16<br>璣<br>K5-01F5  | 2AF43<br>生 100.8<br>𪚲<br>V4-4E2D     | 2AF57<br>田 102.7<br>𪚳<br>V4-4E3A     |
| 2AF1C<br>玉 96.12<br>璢<br>K5-0081    | 2AF30<br>玉 96.17<br>璣<br>K5-0159  | 2AF44<br>生 100.8<br>𪚴<br>V4-4E30     | 2AF58<br>田 102.8<br>𪚵<br>TD-4067     |
| 2AF1D<br>玉 96.12<br>璢<br>K5-0075    | 2AF31<br>玉 96.19<br>璢<br>K5-01EE  | 2AF45<br>生 100.8<br>𪚶<br>V4-4E31     | 2AF59<br>田 102.8<br>𪚷<br>TD-406C     |
| 2AF1E<br>玉 96.12<br>璢<br>K5-01F0    | 2AF32<br>玉 96.20<br>璢<br>K5-01EC  | 2AF46<br>用 101.1<br>𪚸<br>TC-243C     | 2AF5A<br>田 102.8<br>𪚹<br>TD-4066     |
| 2AF1F<br>玉 96.12<br>璢<br>K5-00BC    | 2AF33<br>瓜 97.3<br>𪚺<br>TC-3470   | 2AF47<br>田 102.2<br>𪚻<br>GXC-1009.53 | 2AF5B<br>田 102.9<br>𪚼<br>V4-4666     |
| 2AF20<br>玉 96.12<br>璢<br>K5-0021    | 2AF34<br>瓜 97.4<br>𪚻<br>GJZ-00075 | 2AF48<br>田 102.3<br>𪚽<br>GCH-1009.54 | 2AF5C<br>田 102.9<br>𪚾<br>TD-5127     |
| 2AF21<br>玉 96.13<br>璢<br>TE-2541    | 2AF35<br>瓜 97.8<br>𪚼<br>TD-4061   | 2AF49<br>田 102.4<br>𪚿<br>TC-3F60     | 2AF5D<br>田 102.10<br>𪚽<br>V4-4E3E    |
| 2AF22<br>玉 96.13<br>璢<br>TE-2540    | 2AF36<br>瓦 98.3<br>𪚾<br>JK-65396  | 2AF4A<br>田 102.4<br>𪚿<br>K5-0045     | 2AF5E<br>田 102.10<br>𪚾<br>V4-4E40    |
| 2AF23<br>玉 96.13<br>璢<br>TE-2557    | 2AF37<br>瓦 98.4<br>𪚿<br>JK-65401  | 2AF4B<br>田 102.4<br>𪚿<br>JK-21798    | 2AF5F<br>田 102.11<br>𪚿<br>GZJW-01300 |
| 2AF24<br>玉 96.13<br>璢<br>TE-2558    | 2AF38<br>瓦 98.4<br>𪚿<br>JK-65398  | 2AF4C<br>田 102.4<br>𪚿<br>TC-3C3A     | 2AF60<br>田 102.11<br>𪚿<br>V4-4E42    |
| 2AF25<br>玉 96.13<br>璢<br>TE-253C    | 2AF39<br>瓦 98.5<br>𪚿<br>JK-65399  | 2AF4D<br>田 102.5<br>𪚿<br>TC-4D3A     | 2AF61<br>田 102.11<br>𪚿<br>V4-4E44    |
| 2AF26<br>玉 96.13<br>璢<br>TE-2548    | 2AF3A<br>瓦 98.8<br>𪚿<br>TD-2326   | 2AF4E<br>田 102.5<br>𪚿<br>K5-0204     | 2AF62<br>田 102.12<br>𪚿<br>TE-2560    |
| 2AF27<br>玉 96.14<br>璢<br>TE-2E33    | 2AF3B<br>瓦 98.8<br>𪚿<br>JK-65404  | 2AF4F<br>田 102.5<br>𪚿<br>TC-4D39     | 2AF63<br>田 102.13<br>𪚿<br>V4-4E47    |
| 2AF28<br>玉 96.14<br>璢<br>TE-363C    | 2AF3C<br>瓦 98.9<br>𪚿<br>JK-65393  | 2AF50<br>田 102.5<br>𪚿<br>V4-4E35     | 2AF64<br>田 102.15<br>𪚿<br>TE-3C3F    |



|                                      |                                      |                                     |                                       |
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| 2B141<br>网 122.4<br>𦍋<br>V4-4F25     | 2B155<br>羊 123.7<br>𦍋<br>V4-5142     | 2B169<br>羽 124.7<br>𦍋<br>V4-5156    | 2B17D<br>耒 127.9<br>𦍋<br>TD-5D40      |
| 2B142<br>网 122.5<br>𦍋<br>TC-4D60     | 2B156<br>羊 123.9<br>𦍋<br>V4-5144     | 2B16A<br>羽 124.8<br>𦍋<br>TD-536D    | 2B17E<br>耒 127.10<br>𦍋<br>K5-0121     |
| 2B143<br>网 122.6<br>𦍋<br>TC-442E     | 2B157<br>羊 123.9<br>𦍋<br>GCH-2012.91 | 2B16B<br>羽 124.9<br>𦍋<br>V4-5158    | 2B17F<br>耒 127.12<br>𦍋<br>JK-65527    |
| 2B144<br>网 122.6<br>𦍋<br>TC-5E5B     | 2B158<br>羊 123.9<br>𦍋<br>TD-5367     | 2B16C<br>羽 124.9<br>𦍋<br>K5-01BC    | 2B180<br>耳 128.2<br>𦍋<br>TC-3558      |
| 2B145<br>网 122.6<br>𦍋<br>GZFY-00707  | 2B159<br>羊 123.10<br>𦍋<br>GZJW-01451 | 2B16D<br>羽 124.10<br>𦍋<br>GJZ-00115 | 2B181<br>耳 128.4<br>𦍋<br>TC-4F31      |
| 2B146<br>网 122.8<br>𦍋<br>GZJW-01436  | 2B15A<br>羊 123.11<br>𦍋<br>V4-5146    | 2B16E<br>羽 124.10<br>𦍋<br>V4-515A   | 2B182<br>耳 128.6<br>𦍋<br>TD-3043      |
| 2B147<br>网 122.8<br>𦍋<br>TD-4354     | 2B15B<br>羊 123.11<br>𦍋<br>TE-273E    | 2B16F<br>羽 124.11<br>𦍋<br>V4-515C   | 2B183<br>耳 128.6<br>𦍋<br>V4-516A      |
| 2B148<br>网 122.9<br>𦍋<br>GZFY-00711  | 2B15C<br>羊 123.11<br>𦍋<br>V4-5148    | 2B170<br>羽 124.12<br>𦍋<br>V4-515E   | 2B184<br>耳 128.7<br>𦍋<br>TD-4363      |
| 2B149<br>网 122.10<br>𦍋<br>TD-6259    | 2B15D<br>羊 123.12<br>𦍋<br>V4-514B    | 2B171<br>羽 124.12<br>𦍋<br>TE-2F5A   | 2B185<br>耳 128.7<br>𦍋<br>TD-436E      |
| 2B14A<br>网 122.11<br>𦍋<br>GZJW-01440 | 2B15E<br>羊 123.12<br>𦍋<br>V4-514C    | 2B172<br>羽 124.16<br>𦍋<br>V4-5160   | 2B186<br>耳 128.7<br>𦍋<br>TD-436D      |
| 2B14B<br>网 122.13<br>𦍋<br>GZJW-01444 | 2B15F<br>羊 123.14<br>𦍋<br>V4-514E    | 2B173<br>老 125.5<br>𦍋<br>K5-00A5    | 2B187<br>耳 128.8<br>𦍋<br>TD-4362      |
| 2B14C<br>网 122.14<br>𦍋<br>GZJW-01445 | 2B160<br>羊 123.16<br>𦍋<br>V4-514F    | 2B174<br>老 125.5<br>𦍋<br>V4-5163    | 2B188<br>耳 128.8<br>𦍋<br>TD-5429      |
| 2B14D<br>网 122.16<br>𦍋<br>TE-4627    | 2B161<br>羊 123.16<br>𦍋<br>V4-5153    | 2B175<br>老 125.8<br>𦍋<br>K5-011F    | 2B189<br>耳 128.9<br>𦍋<br>V4-516C      |
| 2B14E<br>羊 123.2<br>𦍋<br>GBK-1012.84 | 2B162<br>羽 124.3<br>𦍋<br>TC-4143     | 2B176<br>老 125.9<br>𦍋<br>K5-0015    | 2B18A<br>耳 128.10<br>𦍋<br>TD-6F39     |
| 2B14F<br>羊 123.5<br>𦍋<br>TC-5968     | 2B163<br>羽 124.4<br>𦍋<br>K5-009B     | 2B177<br>老 125.10<br>𦍋<br>V4-5165   | 2B18B<br>耳 128.10<br>𦍋<br>TD-6F3D     |
| 2B150<br>羊 123.5<br>𦍋<br>GZFY-00957  | 2B164<br>羽 124.5<br>𦍋<br>TC-5E67     | 2B178<br>老 125.13<br>𦍋<br>V4-5166   | 2B18C<br>耳 128.10<br>𦍋<br>TD-6F3F     |
| 2B151<br>羊 123.5<br>𦍋<br>K5-00A9     | 2B165<br>羽 124.6<br>𦍋<br>GJZ-00113   | 2B179<br>耒 127.5<br>𦍋<br>K5-0009    | 2B18D<br>耳 128.10<br>𦍋<br>V4-516D     |
| 2B152<br>羊 123.5<br>𦍋<br>TC-5E66     | 2B166<br>羽 124.6<br>𦍋<br>TD-3037     | 2B17A<br>耒 127.6<br>𦍋<br>TD-303B    | 2B18E<br>耳 128.11<br>𦍋<br>TE-2746     |
| 2B153<br>羊 123.6<br>𦍋<br>GZJW-01448  | 2B167<br>羽 124.6<br>𦍋<br>TD-3038     | 2B17B<br>耒 127.6<br>𦍋<br>TD-303D    | 2B18F<br>耳 128.11<br>𦍋<br>GCH-2013.01 |
| 2B154<br>羊 123.6<br>𦍋<br>TD-3030     | 2B168<br>羽 124.7<br>𦍋<br>TD-435C     | 2B17C<br>耒 127.7<br>𦍋<br>GJZ-00116  | 2B190<br>耳 128.12<br>𦍋<br>TE-2F60     |

|                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| 2B22F<br>𦵶 140.9<br>𦵷 140.9<br>2B231<br>𦵸 140.9<br>2B232<br>𦵹 140.9<br>2B233<br>𦵺 140.9<br>2B234<br>𦵻 140.9<br>2B235<br>𦵼 140.9<br>2B236<br>𦵽 140.10<br>2B237<br>𦵾 140.10<br>2B238<br>𦵿 140.10<br>2B239<br>𦶀 140.10<br>2B23A<br>𦶁 140.10<br>2B23B<br>𦶂 140.10<br>2B23C<br>𦶃 140.10<br>2B23D<br>𦶄 140.10<br>2B23E<br>𦶅 140.10<br>2B23F<br>𦶆 140.10<br>2B240<br>𦶇 140.10<br>2B241<br>𦶈 140.10<br>2B242<br>𦶉 140.10 | 𦵶 落<br>TD-4475<br>GXC-1014.04 UTC-00050<br>𦵷 落<br>GXC-1014.04<br>𦵸 蔦<br>K5-00DA<br>𦵹 蒞<br>K5-0179<br>𦵺 苾<br>TD-4435<br>𦵻 莽<br>TD-4474<br>𦵼 莧<br>GCH-2014.09<br>𦵽 蓐<br>TD-452D<br>𦵾 蒯<br>TD-545F<br>𦵿 蕘<br>TD-553A<br>𦶀 輦<br>JK-65606<br>𦶁 核<br>V4-5328<br>𦶂 瓠<br>K5-0211<br>𦶃 蔑<br>TD-545C<br>𦶄 菌<br>JK-65595<br>𦶅 徒<br>TD-543F<br>𦶆 葭<br>TD-5475<br>𦶇 藟<br>JK-65598<br>𦶈 菱<br>GCH-2014.12<br>𦶉 藁<br>TD-5453 | 2B243<br>𦵶 140.10<br>2B244<br>𦵷 140.10<br>2B245<br>𦵸 140.10<br>2B246<br>𦵹 140.10<br>2B247<br>𦵺 140.10<br>2B248<br>𦵻 140.11<br>2B249<br>𦵼 140.11<br>2B24A<br>𦵽 140.11<br>2B24B<br>𦵾 140.11<br>2B24C<br>𦵿 140.11<br>2B24D<br>𦶀 140.11<br>2B24E<br>𦶁 140.11<br>2B24F<br>𦶂 140.11<br>2B250<br>𦶃 140.11<br>2B251<br>𦶄 140.11<br>2B252<br>𦶅 140.11<br>2B253<br>𦶆 140.11<br>2B254<br>𦶇 140.11<br>2B255<br>𦶈 140.11<br>2B256<br>𦶉 140.11 | 𦵶 蒻<br>TD-553C<br>𦵷 蒨<br>GGH-1014.14<br>𦵸 葱<br>V4-5323<br>𦵹 薺<br>TD-546E<br>𦵺 薅<br>JK-65600<br>𦵻 薏<br>TD-544D<br>2B249<br>𦵼 薺<br>TD-6335 KC-03662<br>2B24A<br>𦵽 薏<br>TD-6339<br>2B24B<br>𦵾 薏 薏<br>TD-6345 UTC-00293<br>2B24C<br>𦵿 薏 薏<br>TD-6354 K5-0177<br>2B24D<br>𦶀 薏<br>TD-636C<br>2B24E<br>𦶁 薏<br>V4-5329<br>2B24F<br>𦶂 薏<br>GZJW-01498<br>2B250<br>𦶃 薏<br>TD-6347<br>2B251<br>𦶄 薏<br>JK-65599<br>2B252<br>𦶅 薏<br>JK-65622<br>2B253<br>𦶆 薏<br>V4-532C<br>2B254<br>𦶇 薏<br>TD-634D<br>2B255<br>𦶈 薏<br>V4-532D<br>2B256<br>𦶉 薏<br>K5-00E0 | 2B257<br>𦵶 140.11<br>2B258<br>𦵷 140.11<br>2B259<br>𦵸 140.11<br>2B25A<br>𦵹 140.11<br>2B25B<br>𦵺 140.11<br>2B25C<br>𦵻 140.11<br>2B25D<br>𦵼 140.12<br>2B25E<br>𦵽 140.12<br>2B25F<br>𦵾 140.12<br>2B260<br>𦵿 140.12<br>2B261<br>𦶀 140.12<br>2B262<br>𦶁 140.12<br>2B263<br>𦶂 140.12<br>2B264<br>𦶃 140.12<br>2B265<br>𦶄 140.13<br>2B266<br>𦶅 140.13<br>2B267<br>𦶆 140.13<br>2B268<br>𦶇 140.13<br>2B269<br>𦶈 140.13<br>2B26A<br>𦶉 140.13 | 𦵶 蒻<br>TD-5539<br>𦵷 蒻<br>TD-6376<br>𦵸 蒻<br>JK-65625<br>𦵹 蒻<br>V4-532F<br>𦵺 蒻<br>TD-635C<br>𦵻 蒻<br>GKJ-00117 JK-65620<br>𦵼 蒻<br>TD-6F70<br>𦵽 蒻<br>TD-6F6F<br>𦵾 蒻<br>TD-6F62<br>𦵿 蒻<br>JK-65628<br>𦶀 蒻<br>V4-5332<br>𦶁 蒻<br>K5-0087<br>𦶂 蒻<br>TD-6F58<br>𦶃 蒻<br>K5-0106<br>𦶄 蒻<br>TE-2767<br>𦶅 蒻<br>TE-2827<br>𦶆 蒻<br>TE-277B<br>𦶇 蒻<br>GZJW-01501<br>𦶈 蒻<br>V4-533C<br>𦶉 蒻<br>TE-276B | 2B26B<br>𦵶 140.13<br>2B26C<br>𦵷 140.13<br>2B26D<br>𦵸 140.13<br>2B26E<br>𦵹 140.13<br>2B26F<br>𦵺 140.13<br>2B270<br>𦵻 140.13<br>2B271<br>𦵼 140.13<br>2B272<br>𦵽 140.13<br>2B273<br>𦵾 140.13<br>2B274<br>𦵿 140.13<br>2B275<br>𦶀 140.14<br>2B276<br>𦶁 140.14<br>2B277<br>𦶂 140.14<br>2B278<br>𦶃 140.14<br>2B279<br>𦶄 140.14<br>2B27A<br>𦶅 140.14<br>2B27B<br>𦶆 140.14<br>2B27C<br>𦶇 140.14<br>2B27D<br>𦶈 140.14<br>2B27E<br>𦶉 140.14 | 𦵶 薺<br>JK-65629<br>𦵷 薺<br>GZJW-01502<br>𦵸 薺<br>TD-6F6F<br>2B26E<br>𦵹 薺<br>TD-7023 V4-5338<br>𦵺 薺<br>GBK-1014.37 TE-2779<br>2B270<br>𦵻 薺<br>JK-65586<br>𦵼 薺<br>V4-5339<br>𦵽 薺<br>K5-0103<br>𦵾 薺<br>V4-533A<br>𦵿 薺<br>K5-0212<br>𦶀 薺<br>TE-2832<br>𦶁 薺<br>TE-3049<br>𦶂 薺<br>TE-305C<br>𦶃 薺<br>V4-533E<br>𦶄 薺<br>K5-00E4<br>𦶅 薺<br>K5-017C<br>𦶆 薺<br>JK-65621<br>𦶇 薺<br>V4-5340<br>𦶈 薺<br>TE-3038<br>𦶉 薺<br>TE-2F76 |
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|          |   |                       |
|----------|---|-----------------------|
| 2B72B    | 𪚦 | 𪚦                     |
| 𪚦 211'7  |   | GZFY-00159            |
| 2B72C    | 𪚧 | 𪚧                     |
| 𪚧 211'8  |   | GXC-2029.93           |
| 2B72D    | 𪚨 | 𪚨                     |
| 𪚨 211'8  |   | GZFY-00136            |
| 2B72E    | 𪚩 | 𪚩                     |
| 𪚩 211'9  |   | GCH-1029.98           |
| 2B72F    | 𪚪 | 𪚪                     |
| 𪚪 211'10 |   | GCH-1030.01           |
| 2B730    | 𪚬 | 𪚬                     |
| 𪚬 211'13 |   | GCH-2030.03           |
| 2B731    | 𪚭 | 𪚭                     |
| 𪚭 212'7  |   | GZJW-01928            |
| 2B732    | 𪚮 | 𪚮                     |
| 𪚮 212'6  |   | GZFY-00495            |
| 2B733    | 𪚯 | 𪚯                     |
| 𪚯 213'5  |   | GCH-1030.09           |
| 2B734    | 𪚰 | 𪚰                     |
| 𪚰 214'12 |   | GZJW-01931            |
| 2B735    | 𪚱 | 𪚱                     |
| 𪚱 4.3    |   | V0-3D5B               |
| 2B736    | 𪚲 | 𪚲                     |
| 𪚲 130.12 |   | V2-8166 UTC-00732     |
| 2B737    | 𪚳 | 𪚳                     |
| 𪚳 163.7  |   | GDM-00221             |
| 2B738    | 𪚴 | 𪚴                     |
| 𪚴 30.2   |   | GHZR-20619.05 T5-2160 |
| 2B739    | 𪚵 | 𪚵                     |
| 𪚵 58.0   |   | V1-5454 MC-00140      |
|          | 𪚶 | 𪚶                     |
|          |   | UTC-01005             |

|                                      |                                     |                                     |                                             |
|--------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------------|
| 2BAF0<br>□ 30.12<br>瞬<br>TD-5960     | 2BB04<br>□ 30.13<br>囔<br>TD-6774    | 2BB18<br>□ 30.15<br>囁<br>UTC-00387  | 2BB2C<br>□ 30.17<br>囁<br>UTC-00590          |
| 2BAF1<br>□ 30.12<br>囁<br>JK-65077    | 2BB05<br>□ 30.13<br>囁<br>GZJW-00803 | 2BB19<br>□ 30.15<br>囁<br>GZFY-00712 | 2BB2D<br>□ 30.17<br>囁<br>TE-3A67            |
| 2BAF2<br>□ 30.12<br>囁<br>UTC-00351   | 2BB06<br>□ 30.13<br>囁<br>GZFY-00719 | 2BB1A<br>□ 30.15<br>囁<br>GZJW-00806 | 2BB2E<br>□ 30.17<br>囁<br>V4-4444            |
| 2BAF3<br>□ 30.12<br>囁<br>TD-5955     | 2BB07<br>□ 30.14<br>囁<br>UTC-00401  | 2BB1B<br>□ 30.15<br>囁<br>UTC-00350  | 2BB2F<br>□ 30.17<br>囁<br>GKX-1123.33        |
| 2BAF4<br>□ 30.12<br>囁<br>V4-437E     | 2BB08<br>□ 30.14<br>囁<br>UTC-00573  | 2BB1C<br>□ 30.16<br>囁<br>UTC-00584  | 2BB30<br>□ 30.17<br>囁<br>GZJW-00809         |
| 2BAF5<br>□ 30.12<br>囁<br>GZFY-00793  | 2BB09<br>□ 30.14<br>囁<br>UTC-00576  | 2BB1D<br>□ 30.16<br>囁<br>UTC-00585  | 2BB31<br>□ 30.17<br>囁<br>V4-4441            |
| 2BAF6<br>□ 30.13<br>囁<br>UTC-00569   | 2BB0A<br>□ 30.14<br>囁<br>V4-442C    | 2BB1E<br>□ 30.16<br>囁<br>UTC-00587  | 2BB32<br>□ 30.17<br>囁<br>GZJW-00810         |
| 2BAF7<br>□ 30.13<br>囁<br>UTC-00571   | 2BB0B<br>□ 30.14<br>囁<br>GZJW-00804 | 2BB1F<br>□ 30.16<br>囁<br>GZFY-00718 | 2BB33<br>□ 30.17<br>囁<br>UTC-00449          |
| 2BAF8<br>□ 30.13<br>囁<br>UTC-00767   | 2BB0C<br>□ 30.14<br>囁<br>GZJW-00805 | 2BB20<br>□ 30.16<br>囁<br>V4-4446    | 2BB34<br>□ 30.17<br>囁<br>GZJW-00811         |
| 2BAF9<br>□ 30.13<br>囁<br>V4-4427     | 2BB0D<br>□ 30.14<br>囁<br>V4-4430    | 2BB21<br>□ 30.16<br>囁<br>TE-3370    | 2BB35<br>□ 30.17<br>囁<br>UTC-00589          |
| 2BAFA<br>□ 30.13<br>囁<br>V4-4437     | 2BB0E<br>□ 30.14<br>囁<br>V4-4426    | 2BB22<br>□ 30.16<br>囁<br>V4-443E    | 2BB36<br>□ 30.18<br>囁<br>UTC-00478          |
| 2BAFB<br>□ 30.13<br>囁<br>TD-6823     | 2BB0F<br>□ 30.14<br>囁<br>UTC-00575  | 2BB23<br>□ 30.16<br>囁<br>V4-4445    | 2BB37<br>□ 30.18<br>囁<br>HD-2BB37 UTC-00591 |
| 2BAFC<br>□ 30.13<br>囁<br>UTC-00565   | 2BB10<br>□ 30.14<br>囁<br>GZFY-00747 | 2BB24<br>□ 30.16<br>囁<br>UTC-00378  | 2BB38<br>□ 30.18<br>囁<br>GZJW-00831         |
| 2BAFD<br>□ 30.13<br>囁<br>TD-676C     | 2BB11<br>□ 30.14<br>囁<br>V4-442F    | 2BB25<br>□ 30.16<br>囁<br>UTC-00412  | 2BB39<br>□ 30.19<br>囁<br>TE-4375            |
| 2BAFE<br>□ 30.13<br>囁<br>GKX-3002.27 | 2BB12<br>□ 30.15<br>囁<br>UTC-00407  | 2BB26<br>□ 30.16<br>囁<br>UTC-00574  | 2BB3A<br>□ 30.20<br>囁<br>UTC-00597          |
| 2BAFF<br>□ 30.13<br>囁<br>UTC-00374   | 2BB13<br>□ 30.15<br>囁<br>UTC-00579  | 2BB27<br>□ 30.16<br>囁<br>UTC-00586  | 2BB3B<br>□ 30.20<br>囁<br>GZFY-00778         |
| 2BB00<br>□ 30.13<br>囁<br>UTC-00422   | 2BB14<br>□ 30.15<br>囁<br>TE-2B39    | 2BB28<br>□ 30.16<br>囁<br>UTC-00436  | 2BB3C<br>□ 30.20<br>囁<br>UTC-00596          |
| 2BB01<br>□ 30.13<br>囁<br>GZJW-00801  | 2BB15<br>□ 30.15<br>囁<br>V4-4435    | 2BB29<br>□ 30.16<br>囁<br>V4-4440    | 2BB3D<br>□ 30.21<br>囁<br>GZJW-00812         |
| 2BB02<br>□ 30.13<br>囁<br>UTC-00568   | 2BB16<br>□ 30.15<br>囁<br>UTC-00348  | 2BB2A<br>□ 30.16<br>囁<br>V4-4449    | 2BB3E<br>□ 30.21<br>囁<br>UTC-00599          |
| 2BB03<br>□ 30.13<br>囁<br>UTC-00467   | 2BB17<br>□ 30.15<br>囁<br>UTC-00577  | 2BB2B<br>□ 30.16<br>囁<br>GZJW-00808 | 2BB3F<br>□ 30.21<br>囁<br>UTC-00598          |

|                                     |                                     |                                      |                                     |
|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| 2BD6D<br>尸 44.18<br>𪚩<br>V4-4672    | 2BD81<br>山 46.8<br>𪚱<br>TC-5624     | 2BD95<br>山 46.12<br>𪚵<br>GGH-1004.21 | 2BDA9<br>𠂔 47.8<br>𪚹<br>GKX-0111.30 |
| 2BD6E<br>𠂔 45.7<br>𪚪<br>GKX-0079.09 | 2BD82<br>山 46.8<br>𪚲<br>TC-5629     | 2BD96<br>山 46.12<br>𪚶<br>GZJW-00972  | 2BDAA<br>𠂔 47.18<br>𪚺<br>GZJW-00975 |
| 2BD6F<br>𠂔 45.11<br>𪚫<br>GZJW-00968 | 2BD83<br>山 46.8<br>𪚳<br>TC-5641     | 2BD97<br>山 46.13<br>𪚷<br>TD-6940     | 2BDAB<br>工 48.4<br>𪚻<br>TC-2A7D     |
| 2BD70<br>𠂔 45.11<br>𪚬<br>GZJW-00969 | 2BD84<br>山 46.8<br>𪚴<br>GZFY-00129  | 2BD98<br>山 46.13<br>𪚸<br>GCY-00651   | 2BDAC<br>工 48.5<br>𪚼<br>GZFY-00034  |
| 2BD71<br>山 46.2<br>𪚭<br>UTC-00424   | 2BD85<br>山 46.8<br>𪚵<br>GGH-2004.07 | 2BD99<br>山 46.13<br>𪚹<br>JK-65635    | 2BDAD<br>工 48.6<br>𪚽<br>GZJW-00282  |
| 2BD72<br>山 46.2<br>𪚮<br>TC-2366     | 2BD86<br>山 46.9<br>𪚶<br>TD-256C     | 2BD9A<br>山 46.13<br>𪚺<br>GIDC-023    | 2BDAE<br>工 48.8<br>𪚾<br>V4-4721     |
| 2BD73<br>山 46.2<br>𪚯<br>GIDC-018    | 2BD87<br>山 46.9<br>𪚷<br>GCH-4004.09 | 2BD9B<br>山 46.13<br>𪚻<br>TD-6936     | 2BDAF<br>工 48.10<br>𪚿<br>V4-4728    |
| 2BD74<br>山 46.2<br>𪚰<br>JK-65139    | 2BD88<br>山 46.9<br>𪚸<br>TD-2565     | 2BD9C<br>山 46.13<br>𪚼<br>V4-467A     | 2BDB0<br>工 48.11<br>𪚽<br>V4-472B    |
| 2BD75<br>山 46.3<br>𪚱<br>GGH-1003.80 | 2BD89<br>山 46.9<br>𪚹<br>GWZ-1004.13 | 2BD9D<br>山 46.14<br>𪚾<br>TD-6942     | 2BDB1<br>工 48.12<br>𪚾<br>V4-472E    |
| 2BD76<br>山 46.4<br>𪚲<br>GIDC-019    | 2BD8A<br>山 46.10<br>𪚺<br>GZFY-00308 | 2BD9E<br>山 46.15<br>𪚿<br>GZJW-00973  | 2BDB2<br>工 48.13<br>𪚿<br>GZFY-00538 |
| 2BD77<br>山 46.4<br>𪚳<br>GGFZ-021700 | 2BD8B<br>山 46.10<br>𪚻<br>TD-394E    | 2BD9F<br>山 46.16<br>𪚽<br>GZJW-00974  | 2BDB3<br>工 48.13<br>𪚾<br>V4-472F    |
| 2BD78<br>山 46.5<br>𪚴<br>GGH-1003.92 | 2BD8C<br>山 46.10<br>𪚼<br>GZJW-00970 | 2BDA0<br>山 46.16<br>𪚾<br>JK-65889    | 2BDB4<br>工 48.14<br>𪚾<br>V4-4731    |
| 2BD79<br>山 46.5<br>𪚵<br>GGH-1003.93 | 2BD8D<br>山 46.10<br>𪚽<br>TD-3960    | 2BDA1<br>山 46.16<br>𪚾<br>TE-3446     | 2BDB5<br>己 49.3<br>𪚾<br>V4-4736     |
| 2BD7A<br>山 46.6<br>𪚶<br>GIDC-021    | 2BD8E<br>山 46.10<br>𪚾<br>TD-3967    | 2BDA2<br>山 46.16<br>𪚾<br>TE-3449     | 2BDB6<br>己 49.7<br>𪚾<br>GZJW-00341  |
| 2BD7B<br>山 46.6<br>𪚷<br>TC-3A5A     | 2BD8F<br>山 46.10<br>𪚿<br>TD-3859    | 2BDA3<br>山 46.16<br>𪚾<br>TE-345B     | 2BDB7<br>己 49.8<br>𪚾<br>V4-4738     |
| 2BD7C<br>山 46.7<br>𪚸<br>GDZ-1004.03 | 2BD90<br>山 46.10<br>𪚾<br>GCY-00641  | 2BDA4<br>山 46.18<br>𪚾<br>GU-2BDA4    | 2BDB8<br>己 49.9<br>𪚾<br>V4-473D     |
| 2BD7D<br>山 46.7<br>𪚹<br>JK-65146    | 2BD91<br>山 46.11<br>𪚾<br>GZJW-00971 | 2BDA5<br>山 46.21<br>𪚾<br>TE-482B     | 2BDB9<br>己 49.9<br>𪚾<br>GZJW-00976  |
| 2BD7E<br>山 46.7<br>𪚺<br>GZJW-00281  | 2BD92<br>山 46.11<br>𪚾<br>UTC-00629  | 2BDA6<br>山 46.23<br>𪚾<br>GZFY-00130  | 2BDAB<br>己 49.13<br>𪚾<br>V4-473F    |
| 2BD7F<br>山 46.7<br>𪚻<br>TC-562C     | 2BD93<br>山 46.11<br>𪚾<br>TD-4A73    | 2BDA7<br>𠂔 47.0<br>𪚾<br>JK-08674     | 2BDBB<br>己 49.15<br>𪚾<br>V4-4741    |
| 2BD80<br>山 46.7<br>𪚼<br>TC-4756     | 2BD94<br>山 46.11<br>𪚾<br>GIDC-001   | 2BDA8<br>𠂔 47.7<br>𪚾<br>TC-4764      | 2BDBC<br>己 49.15<br>𪚾<br>V4-4742    |

|                                     |                                     |                                    |                                     |
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| 2C12D<br>木 75.13<br>櫪<br>TE-2362    | 2C141<br>木 75.15<br>櫪<br>TE-3528    | 2C155<br>木 75.20<br>欝<br>TE-4826   | 2C169<br>欠 76.8<br>歃<br>GZJW-01197  |
| 2C12E<br>木 75.13<br>櫪<br>V4-4B54    | 2C142<br>木 75.16<br>櫪<br>V4-4B60    | 2C156<br>木 75.20<br>欝<br>TE-483A   | 2C16A<br>欠 76.8<br>歃<br>GZJW-01196  |
| 2C12F<br>木 75.13<br>櫪<br>V4-4B55    | 2C143<br>木 75.15<br>欝<br>GZJW-01193 | 2C157<br>木 75.20<br>欝<br>JK-65346  | 2C16B<br>欠 76.9<br>歃<br>GZFY-00554  |
| 2C130<br>木 75.13<br>櫪<br>GZJW-01191 | 2C144<br>木 75.15<br>櫪<br>GIDC-038   | 2C158<br>木 75.20<br>欝<br>TE-4824   | 2C16C<br>欠 76.9<br>歃<br>TD-3D4D     |
| 2C131<br>木 75.13<br>櫪<br>V4-4B4E    | 2C145<br>木 75.15<br>櫪<br>JK-65330   | 2C159<br>木 75.22<br>欝<br>TE-4A39   | 2C16D<br>欠 76.10<br>歃<br>TD-496F    |
| 2C132<br>木 75.13<br>櫪<br>JK-65327   | 2C146<br>木 75.15<br>櫪<br>TE-353B    | 2C15A<br>木 75.22<br>欝<br>TE-4A3D   | 2C16E<br>欠 76.10<br>歃<br>TD-4E34    |
| 2C133<br>木 75.13<br>櫪<br>TE-2426    | 2C147<br>木 75.15<br>櫪<br>JK-65225   | 2C15B<br>木 75.23<br>欝<br>TE-4B31   | 2C16F<br>欠 76.10<br>歃<br>GZJW-01198 |
| 2C134<br>木 75.13<br>櫪<br>TE-2429    | 2C148<br>木 75.15<br>櫪<br>TE-3529    | 2C15C<br>木 75.27<br>欝<br>TE-4B56   | 2C170<br>欠 76.12<br>歃<br>GZJW-01200 |
| 2C135<br>木 75.13<br>櫪<br>GCYY-00792 | 2C149<br>木 75.16<br>櫪<br>V4-4B61    | 2C15D<br>欠 76.3<br>欝<br>GZJW-00450 | 2C171<br>欠 76.12<br>歃<br>GIDC-044   |
| 2C136<br>木 75.13<br>櫪<br>JK-65331   | 2C14A<br>木 75.16<br>櫪<br>JK-65341   | 2C15E<br>欠 76.3<br>欝<br>GZJW-00451 | 2C172<br>欠 76.13<br>歃<br>GZFY-00549 |
| 2C137<br>木 75.14<br>櫪<br>TE-2D2B    | 2C14B<br>木 75.17<br>櫪<br>JK-65342   | 2C15F<br>欠 76.4<br>欝<br>GZJW-00453 | 2C173<br>欠 76.14<br>歃<br>V4-4B65    |
| 2C138<br>木 75.14<br>櫪<br>JK-65251   | 2C14C<br>木 75.17<br>欝<br>GZJW-01194 | 2C160<br>欠 76.5<br>歃<br>GZJW-00455 | 2C174<br>欠 76.17<br>歃<br>TE-4065    |
| 2C139<br>木 75.14<br>櫪<br>V4-4B5D    | 2C14D<br>木 75.17<br>欝<br>TE-4048    | 2C161<br>欠 76.5<br>歃<br>GZJW-00456 | 2C175<br>欠 76.19<br>歃<br>GZJW-01201 |
| 2C13A<br>木 75.14<br>櫪<br>JK-65332   | 2C14E<br>木 75.17<br>欝<br>JK-65334   | 2C162<br>欠 76.6<br>歃<br>GZFY-00672 | 2C176<br>止 77.2<br>𠂔<br>GZJW-00463  |
| 2C13B<br>木 75.14<br>櫪<br>JK-65335   | 2C14F<br>木 75.17<br>欝<br>TE-3F7C    | 2C163<br>欠 76.6<br>歃<br>GZJW-00458 | 2C177<br>止 77.2<br>𠂔<br>GZJW-00464  |
| 2C13C<br>木 75.14<br>櫪<br>JK-65298   | 2C150<br>木 75.18<br>欝<br>GZJW-01195 | 2C164<br>欠 76.7<br>歃<br>TC-612D    | 2C178<br>止 77.3<br>𠂔<br>GZJW-00465  |
| 2C13D<br>木 75.14<br>櫪<br>TE-2D34    | 2C151<br>木 75.18<br>欝<br>TE-4449    | 2C165<br>欠 76.7<br>歃<br>GZFY-00816 | 2C179<br>止 77.4<br>𠂔<br>GZJW-00466  |
| 2C13E<br>木 75.14<br>櫪<br>TE-2C71    | 2C152<br>木 75.18<br>欝<br>JK-65259   | 2C166<br>欠 76.7<br>歃<br>GZJW-00461 | 2C17A<br>止 77.5<br>𠂔<br>GZJW-00469  |
| 2C13F<br>木 75.14<br>櫪<br>TE-2D23    | 2C153<br>木 75.18<br>欝<br>V4-4B63    | 2C167<br>欠 76.7<br>歃<br>V4-4B64    | 2C17B<br>止 77.5<br>𠂔<br>GZJW-00470  |
| 2C140<br>木 75.14<br>櫪<br>V4-4B5E    | 2C154<br>木 75.19<br>欝<br>TE-464F    | 2C168<br>欠 76.7<br>歃<br>GZJW-00462 | 2C17C<br>止 77.6<br>𠂔<br>GZJW-00471  |

|                                     |                                     |                                     |                                     |
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| 2C1CD<br>氏 83.6<br>𣎵<br>TC-4B40     | 2C1E1<br>水 85.6<br>涇<br>TC-3D78     | 2C1F5<br>水 85.8<br>漚<br>GIDC-026    | 2C209<br>水 85.9<br>漚<br>V4-4C3E     |
| 2C1CE<br>氏 83.10<br>𣎵<br>GZJW-01223 | 2C1E2<br>水 85.6<br>汧<br>GZJW-00498  | 2C1F6<br>水 85.8<br>漚<br>GZJW-00721  | 2C20A<br>水 85.9<br>漚<br>GZJW-01232  |
| 2C1CF<br>气 84.4<br>𣎵<br>V4-4C26     | 2C1E3<br>水 85.6<br>汧<br>MC-00071    | 2C1F7<br>水 85.8<br>漚<br>TC-5A5F     | 2C20B<br>水 85.9<br>漚<br>V4-4C44     |
| 2C1D0<br>气 84.5<br>𣎵<br>JK-00200    | 2C1E4<br>水 85.6<br>汧<br>TC-3E3B     | 2C1F8<br>水 85.8<br>漚<br>V4-4C3A     | 2C20C<br>水 85.9<br>漚<br>GZJW-01227  |
| 2C1D1<br>气 84.6<br>𣎵<br>V4-4C28     | 2C1E5<br>水 85.6<br>汧<br>GZJW-00499  | 2C1F9<br>水 85.8<br>漚<br>GCH-3007.99 | 2C20D<br>水 85.9<br>漚<br>TD-2A7E     |
| 2C1D2<br>气 84.10<br>𣎵<br>V4-4C2A    | 2C1E6<br>水 85.6<br>泰<br>TC-4C29     | 2C1FA<br>水 85.8<br>漚<br>TC-5A53     | 2C20E<br>水 85.9<br>漚<br>V4-4C42     |
| 2C1D3<br>气 84.13<br>𣎵<br>V0-3A74    | 2C1E7<br>水 85.7<br>汧<br>V4-404B     | 2C1FB<br>水 85.8<br>漚<br>GZJW-01224  | 2C20F<br>水 85.9<br>漚<br>GZFY-00445  |
| 2C1D4<br>水 85.3<br>汧<br>TC-2C61     | 2C1E8<br>水 85.7<br>汧<br>TC-4B69     | 2C1FC<br>水 85.8<br>漚<br>GZFY-00408  | 2C210<br>水 85.9<br>漚<br>GIDC-027    |
| 2C1D5<br>水 85.3<br>汧<br>GXC-2007.75 | 2C1E9<br>水 85.7<br>汧<br>TC-4C24     | 2C1FD<br>水 85.8<br>漚<br>TC-5A67     | 2C211<br>水 85.9<br>漚<br>TD-2B2C     |
| 2C1D6<br>水 85.3<br>汧<br>GZJW-00492  | 2C1EA<br>水 85.7<br>汧<br>TC-4C27     | 2C1FE<br>水 85.8<br>漚<br>GZJW-00670  | 2C212<br>水 85.9<br>漚<br>GZJW-01231  |
| 2C1D7<br>水 85.3<br>汧<br>GZJW-00493  | 2C1EB<br>水 85.7<br>汧<br>V4-4C35     | 2C1FF<br>水 85.8<br>漚<br>TC-5A4A     | 2C213<br>水 85.9<br>漚<br>V4-4C48     |
| 2C1D8<br>水 85.4<br>漚<br>GCH-4007.78 | 2C1EC<br>水 85.7<br>汧<br>GBK-1007.91 | 2C200<br>水 85.8<br>漚<br>TC-5A4B     | 2C214<br>水 85.9<br>漚<br>GCYY-00855  |
| 2C1D9<br>水 85.4<br>漚<br>GCH-3007.79 | 2C1ED<br>水 85.7<br>汧<br>V4-4030     | 2C201<br>水 85.8<br>漚<br>GCH-2008.01 | 2C215<br>水 85.9<br>漚<br>GCH-1008.11 |
| 2C1DA<br>水 85.4<br>漚<br>V4-4C30     | 2C1EE<br>水 85.7<br>汧<br>V4-4C34     | 2C202<br>水 85.8<br>漚<br>TC-5A33     | 2C216<br>水 85.10<br>漚<br>GZJW-01228 |
| 2C1DB<br>水 85.5<br>漚<br>TC-336C     | 2C1EF<br>水 85.7<br>汧<br>TC-4B48     | 2C203<br>水 85.8<br>漚<br>TC-5A77     | 2C217<br>水 85.10<br>漚<br>V4-4C40    |
| 2C1DC<br>水 85.5<br>漚<br>JK-65101    | 2C1F0<br>水 85.7<br>漚<br>GCYY-00839  | 2C204<br>水 85.8<br>漚<br>GZJW-01225  | 2C218<br>水 85.10<br>漚<br>TD-3D6B    |
| 2C1DD<br>水 85.5<br>漚<br>GZJW-00495  | 2C1F1<br>水 85.7<br>漚<br>GCYY-00838  | 2C205<br>水 85.9<br>漚<br>V4-404C     | 2C219<br>水 85.10<br>漚<br>TD-3E42    |
| 2C1DE<br>水 85.5<br>漚<br>MC-00110    | 2C1F2<br>水 85.7<br>漚<br>TC-4C25     | 2C206<br>水 85.9<br>漚<br>TD-2B2E     | 2C21A<br>水 85.10<br>漚<br>V4-4C45    |
| 2C1DF<br>水 85.5<br>漚<br>TC-3373     | 2C1F3<br>水 85.7<br>漚<br>GZJW-00500  | 2C207<br>水 85.9<br>漚<br>JK-65356    | 2C21B<br>水 85.10<br>漚<br>TD-4E71    |
| 2C1E0<br>水 85.6<br>漚<br>TC-3E37     | 2C1F4<br>水 85.7<br>漚<br>GZFY-00405  | 2C208<br>水 85.9<br>漚<br>V4-4C3C     | 2C21C<br>水 85.10<br>漚<br>TD-3E68    |



|                                     |                                               |                                     |                                     |
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| 2C2BD<br>火 86.10<br>𤇗<br>V4-4D41    | 2C2D1<br>火 86.14<br>𤇙<br>TE-2D7D              | 2C2E5<br>爪 87.4<br>𤇛<br>GZJW-00510  | 2C2F9<br>爪 87.18<br>𤇟<br>GZJW-01267 |
| 2C2BE<br>火 86.10<br>𤇘<br>GZFY-00029 | 2C2D2<br>火 86.14<br>𤇚<br>TE-2D6C              | 2C2E6<br>爪 87.5<br>𤇜<br>TC-3E7E     | 2C2FA<br>爪 87.22<br>𤇠<br>GZJW-01268 |
| 2C2BF<br>火 86.11<br>𤇙<br>TD-5E78    | 2C2D3<br>火 86.14<br>𤇛<br>TE-2D79              | 2C2E7<br>爪 87.6<br>𤇝<br>GZJW-00511  | 2C2FB<br>父 88.3<br>𤇡<br>GZFY-00911  |
| 2C2C0<br>火 86.11<br>𤇙<br>TD-5F39    | 2C2D4<br>火 86.15<br>𤇜<br>GZFY-01038           | 2C2E8<br>爪 87.6<br>𤇞<br>V4-4D54     | 2C2FC<br>父 88.11<br>𤇢<br>V4-4D5C    |
| 2C2C1<br>火 86.11<br>𤇚<br>TD-5E7B    | 2C2D5<br>火 86.15<br>𤇛<br>TE-307D              | 2C2E9<br>爪 87.7<br>𤇟<br>TC-5B4D     | 2C2FD<br>交 89.13<br>𤇣<br>GZJW-01270 |
| 2C2C2<br>火 86.11<br>𤇛<br>GZJW-01252 | 2C2D6<br>火 86.15<br>𤇜<br>GKX-0686.18 KC-05339 | 2C2EA<br>爪 87.7<br>𤇡<br>TC-5334     | 2C2FE<br>交 89.19<br>𤇤<br>TE-4941    |
| 2C2C3<br>火 86.11<br>𤇜<br>GJZ-00064  | 2C2D7<br>火 86.15<br>𤇝<br>V4-4D4C              | 2C2EB<br>爪 87.8<br>𤇢<br>V4-4D55     | 2C2FF<br>月 90.5<br>𤇥<br>GZJW-00514  |
| 2C2C4<br>火 86.11<br>𤇞<br>TD-5E77    | 2C2D8<br>火 86.15<br>𤇟<br>TE-3426              | 2C2EC<br>爪 87.8<br>𤇣<br>JK-65376    | 2C300<br>月 90.5<br>𤇦<br>GZJW-00515  |
| 2C2C5<br>火 86.12<br>𤇟<br>TD-6C54    | 2C2D9<br>火 86.16<br>𤇡<br>V0-3C77 UTC-00698    | 2C2ED<br>爪 87.9<br>𤇤<br>TD-3F5E     | 2C301<br>月 90.5<br>𤇧<br>GZJW-00516  |
| 2C2C6<br>火 86.12<br>𤇢<br>V4-4D48    | 2C2DA<br>火 86.16<br>𤇣<br>V4-4D50              | 2C2EE<br>爪 87.9<br>𤇥<br>GZJW-01260  | 2C302<br>月 90.7<br>𤇨<br>GZJW-00517  |
| 2C2C7<br>火 86.12<br>𤇙<br>GZJW-01254 | 2C2DB<br>火 86.16<br>𤇝<br>TE-3C22              | 2C2EF<br>爪 87.10<br>𤇦<br>GZJW-01262 | 2C303<br>月 90.8<br>𤇩<br>TD-2C71     |
| 2C2C8<br>火 86.12<br>𤇚<br>TD-6B62    | 2C2DC<br>火 86.16<br>𤇞<br>TE-3C24              | 2C2F0<br>爪 87.10<br>𤇧<br>V4-4D57    | 2C304<br>月 90.8<br>𤇪<br>GZJW-01273  |
| 2C2C9<br>火 86.12<br>𤇟<br>GZJW-01253 | 2C2DD<br>火 86.16<br>𤇡<br>GZJW-01255           | 2C2F1<br>爪 87.11<br>𤇨<br>V4-4D36    | 2C305<br>月 90.8<br>𤇫<br>GZJW-01275  |
| 2C2CA<br>火 86.12<br>𤇛<br>TD-6C7B    | 2C2DE<br>火 86.19<br>𤇟<br>TE-4666              | 2C2F2<br>爪 87.11<br>𤇩<br>V4-405F    | 2C306<br>月 90.8<br>𤇬<br>TD-2C70     |
| 2C2CB<br>火 86.12<br>𤇜<br>MC-00009   | 2C2DF<br>火 86.21<br>𤇟<br>V4-4D53              | 2C2F3<br>爪 87.12<br>𤇪<br>V4-4D59    | 2C307<br>月 90.8<br>𤇭<br>GZJW-01271  |
| 2C2CC<br>火 86.12<br>𤇟<br>V4-4D49    | 2C2E0<br>火 86.21<br>𤇡<br>JK-65375             | 2C2F4<br>爪 87.12<br>𤇫<br>GZJW-01263 | 2C308<br>月 90.8<br>𤇮<br>GZJW-01274  |
| 2C2CD<br>火 86.13<br>𤇛<br>GZFY-01060 | 2C2E1<br>火 86.24<br>𤇙<br>TE-4B38              | 2C2F5<br>爪 87.13<br>𤇬<br>GZJW-01264 | 2C309<br>月 90.10<br>𤇯<br>GZJW-01276 |
| 2C2CE<br>火 86.13<br>𤇚<br>JK-65371   | 2C2E2<br>火 86.24<br>𤇟<br>TE-4B3A              | 2C2F6<br>爪 87.13<br>𤇭<br>GZJW-01265 | 2C30A<br>月 90.11<br>𤇰<br>GZJW-01277 |
| 2C2CF<br>火 86.13<br>𤇟<br>GZFY-01061 | 2C2E3<br>火 86.33<br>𤇡<br>GZJW-01806           | 2C2F7<br>爪 87.15<br>𤇮<br>TE-3624    | 2C30B<br>月 90.12<br>𤇱<br>GZJW-01281 |
| 2C2D0<br>火 86.13<br>𤇙<br>UTC-00696  | 2C2E4<br>爪 87.4<br>𤇟<br>TC-3F54               | 2C2F8<br>爪 87.17<br>𤇯<br>GZJW-01266 | 2C30C<br>月 90.12<br>𤇲<br>V4-4D5D    |

|                                      |                                      |                                      |                                     |
|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|
| 2C58C<br>米 119.2<br>𪛗<br>TC-3545     | 2C5A0<br>米 119.7<br>𪛘<br>GZFY-01035  | 2C5B4<br>米 119.11<br>𪛜<br>GZFY-01067 | 2C5C8<br>糸 120.5<br>紆<br>TC-5E53    |
| 2C58D<br>米 119.2<br>𪛙<br>GWZ-1011.28 | 2C5A1<br>米 119.8<br>𪛚<br>GZJW-01404  | 2C5B5<br>米 119.11<br>𪛝<br>V4-5051    | 2C5C9<br>糸 120.5<br>紉<br>TC-5E55    |
| 2C58E<br>米 119.2<br>𪛛<br>GZJW-00573  | 2C5A2<br>米 119.8<br>𪛜<br>GZFY-01049  | 2C5B6<br>米 119.12<br>𪛞<br>TE-2F39    | 2C5CA<br>糸 120.5<br>紌<br>TC-5E43    |
| 2C58F<br>米 119.3<br>𪛟<br>V4-5042     | 2C5A3<br>米 119.8<br>𪛟<br>JK-65508    | 2C5B7<br>米 119.12<br>𪛟<br>V4-5053    | 2C5CB<br>糸 120.6<br>納<br>MC-00063   |
| 2C590<br>米 119.4<br>𪛡<br>GZFY-01045  | 2C5A4<br>米 119.8<br>𪛢<br>TD-5330     | 2C5B8<br>米 119.12<br>𪛢<br>GZFY-01071 | 2C5CC<br>糸 120.6<br>紎<br>TD-2F7E    |
| 2C591<br>米 119.4<br>𪛣<br>GXC-1011.31 | 2C5A5<br>米 119.8<br>𪛣<br>GZJW-01405  | 2C5B9<br>米 119.12<br>𪛣<br>GZFY-01073 | 2C5CD<br>糸 120.6<br>紏<br>GZJW-01414 |
| 2C592<br>米 119.4<br>𪛥<br>JK-65506    | 2C5A6<br>米 119.9<br>𪛥<br>GCYY-01200  | 2C5BA<br>米 119.12<br>𪛥<br>GZFY-01064 | 2C5CE<br>糸 120.6<br>紐<br>GZJW-01416 |
| 2C593<br>米 119.5<br>𪛦<br>GCYY-01191  | 2C5A7<br>米 119.9<br>𪛦<br>GZJW-01407  | 2C5BB<br>米 119.13<br>𪛦<br>JK-65510   | 2C5CF<br>糸 120.6<br>紑<br>GZFY-00237 |
| 2C594<br>米 119.5<br>𪛧<br>GZFY-01031  | 2C5A8<br>米 119.9<br>𪛧<br>GZJW-01408  | 2C5BC<br>米 119.14<br>𪛧<br>V4-5057    | 2C5D0<br>糸 120.6<br>紒<br>TD-2146    |
| 2C595<br>米 119.5<br>𪛨<br>TC-5E30     | 2C5A9<br>米 119.9<br>𪛨<br>V4-504E     | 2C5BD<br>米 119.14<br>𪛨<br>V4-5056    | 2C5D1<br>糸 120.6<br>紓<br>TD-2F7C    |
| 2C596<br>米 119.5<br>𪛩<br>GZFY-01066  | 2C5AA<br>米 119.9<br>𪛩<br>V4-5049     | 2C5BE<br>米 119.14<br>𪛩<br>V4-5055    | 2C5D2<br>糸 120.6<br>純<br>TD-2F7D    |
| 2C597<br>米 119.5<br>𪛪<br>V4-5045     | 2C5AB<br>米 119.10<br>𪛪<br>V4-5050    | 2C5BF<br>米 119.15<br>𪛪<br>GZJW-01413 | 2C5D3<br>糸 120.6<br>紕<br>V4-5061    |
| 2C598<br>米 119.5<br>𪛫<br>GZFY-01065  | 2C5AC<br>米 119.10<br>𪛫<br>TD-6E68    | 2C5C0<br>米 119.16<br>𪛫<br>V4-5059    | 2C5D4<br>糸 120.6<br>紖<br>V4-5065    |
| 2C599<br>米 119.6<br>𪛬<br>GCYY-01196  | 2C5AD<br>米 119.10<br>𪛬<br>V4-504C    | 2C5C1<br>米 119.16<br>𪛬<br>V4-505A    | 2C5D5<br>糸 120.7<br>紗<br>TD-2F6F    |
| 2C59A<br>米 119.6<br>𪛭<br>GZFY-01042  | 2C5AE<br>米 119.10<br>𪛭<br>V4-504D    | 2C5C2<br>米 119.18<br>𪛭<br>V4-505C    | 2C5D6<br>糸 120.7<br>紘<br>JK-65514   |
| 2C59B<br>米 119.6<br>𪛮<br>GZFY-01014  | 2C5AF<br>米 119.10<br>𪛮<br>GZJW-01409 | 2C5C3<br>糸 120.3<br>紙<br>TC-4130     | 2C5D7<br>糸 120.7<br>級<br>V4-5064    |
| 2C59C<br>米 119.6<br>𪛯<br>TD-2F5C     | 2C5B0<br>米 119.10<br>𪛯<br>TD-6E66    | 2C5C4<br>糸 120.3<br>紛<br>TC-4137     | 2C5D8<br>糸 120.7<br>紜<br>TD-433A    |
| 2C59D<br>米 119.7<br>𪛰<br>TD-427E     | 2C5B1<br>米 119.10<br>𪛰<br>GZJW-01410 | 2C5C5<br>糸 120.4<br>紜<br>GZJW-00574  | 2C5D9<br>糸 120.7<br>紝<br>GZJW-01419 |
| 2C59E<br>米 119.7<br>𪛱<br>GZFY-01039  | 2C5B2<br>米 119.10<br>𪛱<br>UTC-00722  | 2C5C6<br>糸 120.4<br>紝<br>V4-505E     | 2C5DA<br>糸 120.7<br>紞<br>TD-432F    |
| 2C59F<br>米 119.7<br>𪛲<br>GZFY-01062  | 2C5B3<br>米 119.11<br>𪛲<br>GZJW-01412 | 2C5C7<br>糸 120.5<br>紞<br>TC-5E40     | 2C5DB<br>糸 120.7<br>紟<br>TD-4330    |

|                                               |                                               |                                      |                                      |
|-----------------------------------------------|-----------------------------------------------|--------------------------------------|--------------------------------------|
| 2C80C<br>虫 142.7<br>𧈧<br>V4-5365              | 2C820<br>虫 142.10<br>𧈨<br>GJZ-00133           | 2C834<br>虫 142.14<br>𧈬<br>JK-65701   | 2C848<br>衣 145.4<br>袷<br>GZJW-00596  |
| 2C80D<br>虫 142.7<br>𧈩<br>JK-65678             | 2C821<br>虫 142.10<br>𧈪<br>GBK-1014.97         | 2C835<br>虫 142.14<br>𧈭<br>TE-3D5B    | 2C849<br>衣 145.4<br>袸<br>UTC-00745   |
| 2C80E<br>虫 142.8<br>𧈫<br>JK-65684             | 2C822<br>虫 142.10<br>𧈬<br>V4-536C             | 2C836<br>虫 142.14<br>𧈯<br>V4-5375    | 2C84A<br>衣 145.4<br>袹<br>GZFY-00411  |
| 2C80F<br>虫 142.8<br>𧈭<br>GZFY-00579           | 2C823<br>虫 142.10<br>𧈮<br>TD-702F             | 2C837<br>虫 142.14<br>𧈰<br>GJZ-00134  | 2C84B<br>衣 145.5<br>袻<br>V4-537E     |
| 2C810<br>虫 142.8<br>𧈯 𧈰<br>KC-07864 UTC-00744 | 2C824<br>虫 142.10<br>𧈱<br>JK-65698            | 2C838<br>虫 142.15<br>𧈲<br>MC-00066   | 2C84C<br>衣 145.5<br>袼<br>TC-602A     |
| 2C811<br>虫 142.8<br>𧈱<br>TD-5560              | 2C825<br>虫 142.11<br>𧈳<br>V4-5370             | 2C839<br>虫 142.16<br>𧈴<br>GZJW-01535 | 2C84D<br>衣 145.5<br>袾<br>GZFY-00415  |
| 2C812<br>虫 142.8<br>𧈲<br>JK-65681             | 2C826<br>虫 142.11<br>𧈵<br>GZJW-01532          | 2C83A<br>虫 142.18<br>𧈶<br>V4-5378    | 2C84E<br>衣 145.5<br>袿<br>GZFY-00422  |
| 2C813<br>虫 142.8<br>𧈳<br>V4-5367              | 2C827<br>虫 142.11<br>𧈷<br>JK-65702            | 2C83B<br>虫 142.19<br>𧈸<br>JK-65691   | 2C84F<br>衣 145.5<br>袽<br>GZJW-00064  |
| 2C814<br>虫 142.8<br>𧈴<br>GGH-1014.91          | 2C828<br>虫 142.11<br>𧈹<br>V4-5371             | 2C83C<br>血 143.6<br>𧈺<br>V4-537C     | 2C850<br>衣 145.5<br>𧈻<br>UTC-00746   |
| 2C815<br>虫 142.8<br>𧈵<br>GZFY-00609           | 2C829<br>虫 142.12<br>𧈻<br>JK-65696            | 2C83D<br>行 144.1<br>𧈼<br>TC-2B51     | 2C851<br>衣 145.6<br>袿<br>GZJW-00677  |
| 2C816<br>虫 142.8<br>𧈶<br>GZFY-00684           | 2C82A<br>虫 142.12<br>𧈽<br>TE-306D             | 2C83E<br>行 144.4<br>𧈾<br>GZJW-00336  | 2C852<br>衣 145.6<br>袽<br>GGH-2015.16 |
| 2C817<br>虫 142.8<br>𧈷<br>TD-5564              | 2C82B<br>虫 142.12<br>𧈿<br>V4-536D             | 2C83F<br>行 144.4<br>𧈿<br>GZJW-00337  | 2C853<br>衣 145.6<br>袿<br>GZFY-00641  |
| 2C818<br>虫 142.8<br>𧈸<br>JK-65680             | 2C82C<br>虫 142.12<br>𧈿 𧈿<br>JK-65699 VN-2C82C | 2C840<br>行 144.9<br>𧈿<br>JK-65715    | 2C854<br>衣 145.6<br>𧈿<br>GZFY-00335  |
| 2C819<br>虫 142.8<br>𧈹<br>JK-65685             | 2C82D<br>虫 142.12<br>𧈿<br>JK-65708            | 2C841<br>行 144.15<br>𧈿<br>GZJW-01539 | 2C855<br>衣 145.6<br>𧈿<br>GZFY-00362  |
| 2C81A<br>虫 142.8<br>𧈺<br>GZFY-00630           | 2C82E<br>虫 142.12<br>𧈿<br>JK-65705            | 2C842<br>衣 145.2<br>𧈿<br>GZJW-00594  | 2C856<br>衣 145.6<br>𧈿<br>GZFY-00423  |
| 2C81B<br>虫 142.9<br>𧈻<br>TD-642C              | 2C82F<br>虫 142.13<br>𧈿<br>JK-65663            | 2C843<br>衣 145.3<br>𧈿<br>GZJW-00595  | 2C857<br>衣 145.6<br>𧈿<br>GZJW-00678  |
| 2C81C<br>虫 142.9<br>𧈼<br>GZFY-00629           | 2C830<br>虫 142.13<br>𧈿<br>TE-3772             | 2C844<br>衣 145.3<br>𧈿<br>TC-423B     | 2C858<br>衣 145.6<br>𧈿<br>TC-6030     |
| 2C81D<br>虫 142.9<br>𧈽<br>JK-65690             | 2C831<br>虫 142.13<br>𧈿<br>V4-5374             | 2C845<br>衣 145.3<br>𧈿<br>TC-357B     | 2C859<br>衣 145.7<br>𧈿<br>GZJW-01541  |
| 2C81E<br>虫 142.9<br>𧈾<br>JK-65694             | 2C832<br>虫 142.14<br>𧈿<br>TE-3D5F             | 2C846<br>衣 145.3<br>𧈿<br>TC-357D     | 2C85A<br>衣 145.7<br>𧈿<br>GZJW-00680  |
| 2C81F<br>虫 142.10<br>𧈿<br>JK-65686            | 2C833<br>虫 142.14<br>𧈿 𧈿<br>JK-65710 V4-536E  | 2C847<br>衣 145.3<br>𧈿<br>GXC-3015.07 | 2C85B<br>衣 145.7<br>𧈿<br>JK-65722    |

|                                       |                                      |                                                   |                                     |
|---------------------------------------|--------------------------------------|---------------------------------------------------|-------------------------------------|
| 2CD0C<br>马 187.14<br>𩇛<br>GJZ-00244   | 2CD20<br>高 189.13<br>𩇛<br>GZJW-00697 | 2CD34<br>高 193.5<br>𩇛<br>TD-6668<br>𩇛<br>KC-04669 | 2CD48<br>魚 195.5<br>𩇛<br>JK-65936   |
| 2CD0D<br>马 187.15<br>𩇛<br>GJZ-00245   | 2CD21<br>高 189.14<br>𩇛<br>GZJW-00696 | 2CD35<br>高 193.6<br>𩇛<br>GZJW-01860               | 2CD49<br>魚 195.5<br>𩇛<br>GZJW-01874 |
| 2CD0E<br>马 187.16<br>𩇛<br>GJZ-00246   | 2CD22<br>高 189.15<br>𩇛<br>GZJW-00699 | 2CD36<br>高 193.7<br>𩇛<br>GZJW-01861               | 2CD4A<br>魚 195.5<br>𩇛<br>JK-65967   |
| 2CD0F<br>马 187.17<br>𩇛<br>GJZ-00247   | 2CD23<br>高 189.16<br>𩇛<br>GZJW-00700 | 2CD37<br>高 193.9<br>𩇛<br>GZJW-01862               | 2CD4B<br>魚 195.5<br>𩇛<br>JK-65959   |
| 2CD10<br>马 187.18<br>𩇛<br>GXC-2025.35 | 2CD24<br>高 189.19<br>𩇛<br>GZJW-00702 | 2CD38<br>高 193.12<br>𩇛<br>GZJW-01864              | 2CD4C<br>魚 195.5<br>𩇛<br>JK-46088   |
| 2CD11<br>骨 188.7<br>𩇛<br>V4-5756      | 2CD25<br>高 189.19<br>𩇛<br>GZJW-00703 | 2CD39<br>高 193.14<br>𩇛<br>GZJW-01865              | 2CD4D<br>魚 195.6<br>𩇛<br>JK-65973   |
| 2CD12<br>骨 188.7<br>𩇛<br>GHC-1025.43  | 2CD26<br>高 189.20<br>𩇛<br>GZJW-00704 | 2CD3A<br>高 193.15<br>𩇛<br>GZJW-01866              | 2CD4E<br>魚 195.6<br>𩇛<br>V4-5770    |
| 2CD13<br>骨 188.16<br>𩇛<br>V4-5759     | 2CD27<br>髟 190.4<br>𩇛<br>JK-65924    | 2CD3B<br>高 193.20<br>𩇛<br>GZJW-01868              | 2CD4F<br>魚 195.6<br>𩇛<br>JK-65937   |
| 2CD14<br>高 189.2<br>𩇛<br>GZJW-00676   | 2CD28<br>髟 190.6<br>𩇛<br>GZFY-00852  | 2CD3C<br>高 193.20<br>𩇛<br>GZJW-01869              | 2CD50<br>魚 195.6<br>𩇛<br>JK-65976   |
| 2CD15<br>高 189.4<br>𩇛<br>V4-575B      | 2CD29<br>髟 190.6<br>𩇛<br>GZFY-00856  | 2CD3D<br>鬼 194.2<br>𩇛<br>JK-65929                 | 2CD51<br>魚 195.6<br>𩇛<br>JK-65971   |
| 2CD16<br>高 189.6<br>𩇛<br>GZJW-00687   | 2CD2A<br>髟 190.7<br>𩇛<br>TE-2A3E     | 2CD3E<br>鬼 194.3<br>𩇛<br>JK-65931                 | 2CD52<br>魚 195.7<br>𩇛<br>JK-65952   |
| 2CD17<br>高 189.6<br>𩇛<br>GZJW-00688   | 2CD2B<br>髟 190.8<br>𩇛<br>V4-5764     | 2CD3F<br>鬼 194.6<br>𩇛<br>GZJW-01871               | 2CD53<br>魚 195.7<br>𩇛<br>TE-3323    |
| 2CD18<br>高 189.7<br>𩇛<br>GZJW-00686   | 2CD2C<br>髟 190.8<br>𩇛<br>JK-65927    | 2CD40<br>鬼 194.7<br>𩇛<br>TD-666D                  | 2CD54<br>魚 195.7<br>𩇛<br>JK-65987   |
| 2CD19<br>高 189.8<br>𩇛<br>TE-2C5A      | 2CD2D<br>髟 190.9<br>𩇛<br>V4-5765     | 2CD41<br>魚 195.2<br>𩇛<br>JK-65933                 | 2CD55<br>魚 195.7<br>𩇛<br>JK-65951   |
| 2CD1A<br>高 189.8<br>𩇛<br>V4-575D      | 2CD2E<br>髟 190.9<br>𩇛<br>TE-3973     | 2CD42<br>魚 195.2<br>𩇛<br>JK-65941                 | 2CD56<br>魚 195.7<br>𩇛<br>JK-65991   |
| 2CD1B<br>高 189.10<br>𩇛<br>TE-3F2B     | 2CD2F<br>髟 190.13<br>𩇛<br>UTC-00772  | 2CD43<br>魚 195.3<br>𩇛<br>GZFY-00187               | 2CD57<br>魚 195.8<br>𩇛<br>JK-66000   |
| 2CD1C<br>高 189.11<br>𩇛<br>GZJW-00693  | 2CD30<br>門 191.8<br>𩇛<br>UTC-00773   | 2CD44<br>魚 195.3<br>𩇛<br>JK-65943                 | 2CD58<br>魚 195.8<br>𩇛<br>V4-5772    |
| 2CD1D<br>高 189.12<br>𩇛<br>V4-575F     | 2CD31<br>門 191.15<br>𩇛<br>GZJW-01858 | 2CD45<br>魚 195.4<br>𩇛<br>GZJW-01873               | 2CD59<br>魚 195.8<br>𩇛<br>TE-3A59    |
| 2CD1E<br>高 189.12<br>𩇛<br>GZJW-01857  | 2CD32<br>高 193.2<br>𩇛<br>GZJW-01859  | 2CD46<br>魚 195.4<br>𩇛<br>JK-65944                 | 2CD5A<br>魚 195.8<br>𩇛<br>JK-65983   |
| 2CD1F<br>高 189.12<br>𩇛<br>V4-5760     | 2CD33<br>高 193.3<br>𩇛<br>GZJW-00664  | 2CD47<br>魚 195.5<br>𩇛<br>JK-65958                 | 2CD5B<br>魚 195.8<br>𩇛<br>TE-3A2F    |

|                                               |                                    |                                     |                                             |
|-----------------------------------------------|------------------------------------|-------------------------------------|---------------------------------------------|
| 2CF00<br>J 4.1<br>ノ<br>JMJ-056854             | 2CF14<br>J 4.15<br>𠂔<br>GZ-4351404 | 2CF28<br>乙 5.8<br>𠂔<br>SAT-01634    | 2CF3C<br>J 6.18<br>𠂔<br>SAT-03679           |
| 2CF01<br>J 4.1<br>𠂔<br>JMJ-056851             | 2CF15<br>J 4.21<br>𠂔<br>SAT-04281  | 2CF29<br>乙 5.8<br>𠂔<br>SAT-01632    | 2CF3D<br>二 7.1<br>𠂔<br>JMJ-056881           |
| 2CF02<br>J 4.1<br>人<br>JMJ-056850             | 2CF16<br>乙 5.2<br>𠂔<br>JMJ-056865  | 2CF2A<br>乙 5.8<br>𠂔<br>SAT-00936    | 2CF3E<br>二 7.6<br>𠂔<br>JMJ-056882           |
| 2CF03<br>J 4.2<br>𠂔<br>SAT-04910              | 2CF17<br>乙 5.3<br>𠂔<br>JMJ-056864  | 2CF2B<br>乙 5.8<br>𠂔<br>JMJ-057893   | 2CF3F<br>二 7.7<br>𠂔<br>JMJ-056883           |
| 2CF04<br>J 4.2<br>𠂔<br>JMJ-056852             | 2CF18<br>乙 5.3<br>𠂔<br>JMJ-057888  | 2CF2C<br>乙 5.9<br>𠂔<br>GZ-3172301   | 2CF40<br>二 7.7<br>𠂔<br>GZ-1632201           |
| 2CF05<br>J 4.3<br>𠂔<br>SAT-04326              | 2CF19<br>乙 5.4<br>𠂔<br>JMJ-056867  | 2CF2D<br>乙 5.9<br>𠂔<br>SAT-00935    | 2CF41<br>二 7.8<br>𠂔<br>GZ-1632209           |
| 2CF06<br>J 4.3<br>𠂔<br>JMJ-056856             | 2CF1A<br>乙 5.4<br>𠂔<br>JMJ-056868  | 2CF2E<br>乙 5.10<br>𠂔<br>SAT-01522   | 2CF42<br>二 7.10<br>𠂔<br>GZ-1632206          |
| 2CF07<br>J 4.4<br>𠂔<br>GZ-1382301             | 2CF1B<br>乙 5.4<br>𠂔<br>KC-04789    | 2CF2F<br>乙 5.10<br>𠂔<br>KC-05985    | 2CF43<br>二 8.3<br>𠂔<br>JMJ-056887           |
| 2CF08<br>J 4.4<br>𠂔<br>JMJ-056860             | 2CF1C<br>乙 5.4<br>𠂔<br>JMJ-000012  | 2CF30<br>乙 5.10<br>𠂔<br>SAT-04606   | 2CF44<br>二 8.4<br>𠂔<br>GZ-2402401           |
| 2CF09<br>J 4.5<br>𠂔 121-1<br>KC-05982         | 2CF1D<br>乙 5.5<br>𠂔<br>KC-04790    | 2CF31<br>乙 5.10<br>𠂔<br>KC-05986    | 2CF45<br>二 8.5<br>𠂔<br>KC-05990             |
| 2CF0A<br>J 4.6<br>𠂔<br>SAT-04440              | 2CF1E<br>乙 5.5<br>𠂔<br>SAT-02779   | 2CF32<br>乙 5.11<br>𠂔<br>SAT-00794   | 2CF46<br>二 8.5<br>𠂔<br>JMJ-056888           |
| 2CF0B<br>J 4.7<br>𠂔<br>SAT-04328              | 2CF1F<br>乙 5.5<br>𠂔<br>JMJ-068051  | 2CF33<br>乙 5.11<br>𠂔<br>KC-05988    | 2CF47<br>二 8.5<br>𠂔<br>JMJ-056889           |
| 2CF0C<br>J 4.9<br>𠂔 𠂔<br>JMJ-056863 SAT-03202 | 2CF20<br>乙 5.5<br>𠂔<br>SAT-04861   | 2CF34<br>乙 5.11<br>𠂔<br>GCY-3063.00 | 2CF48<br>二 8.6<br>𠂔<br>JMJ-056892           |
| 2CF0D<br>J 4.9<br>𠂔<br>JMJ-059073             | 2CF21<br>乙 5.5<br>𠂔<br>KC-04791    | 2CF35<br>乙 5.12<br>𠂔<br>SAT-03494   | 2CF49<br>二 8.6<br>𠂔<br>JMJ-056891           |
| 2CF0E<br>J 4.9<br>𠂔<br>KC-06989               | 2CF22<br>乙 5.5<br>𠂔<br>GZ-3172312  | 2CF36<br>J 6.2<br>𠂔<br>GPGLG-4002   | 2CF4A<br>二 8.7<br>𠂔<br>JMJ-056896           |
| 2CF0F<br>J 4.9<br>𠂔<br>GPGLG-3030             | 2CF23<br>乙 5.6<br>𠂔<br>GZ-2231301  | 2CF37<br>J 6.2<br>𠂔<br>GPGLG-4007   | 2CF4B<br>二 8.7<br>𠂔<br>JMJ-056897           |
| 2CF10<br>J 4.10<br>𠂔<br>SAT-05287             | 2CF24<br>乙 5.6<br>𠂔<br>KC-04792    | 2CF38<br>J 6.2<br>𠂔<br>JMJ-056872   | 2CF4C<br>二 8.7<br>𠂔<br>JMJ-056893           |
| 2CF11<br>J 4.13<br>𠂔<br>GZ-0571601            | 2CF25<br>乙 5.7<br>𠂔<br>KC-06970    | 2CF39<br>J 6.5<br>𠂔<br>GPGLG-4006   | 2CF4D<br>二 8.8<br>𠂔<br>JMJ-057386           |
| 2CF12<br>J 4.14<br>𠂔<br>SAT-03556             | 2CF26<br>乙 5.7<br>𠂔<br>KC-05983    | 2CF3A<br>J 6.7<br>𠂔<br>JMJ-056878   | 2CF4E<br>二 8.9<br>𠂔 𠂔<br>KC-01343 SAT-00446 |
| 2CF13<br>J 4.15<br>𠂔<br>GZ-4102202            | 2CF27<br>乙 5.7<br>𠂔<br>KC-04793    | 2CF3B<br>J 6.12<br>𠂔<br>SAT-04571   | 2CF4F<br>二 8.9<br>𠂔<br>SAT-04575            |

|                                              |                                              |                                                |                                                  |
|----------------------------------------------|----------------------------------------------|------------------------------------------------|--------------------------------------------------|
| 2D21F<br>□ 30.8<br>𠵿<br>GZ-4561302           | 2D233<br>□ 30.9<br>𠵿<br>SAT-02909            | 2D246<br>□ 30.9<br>𠵿 𠵿<br>GZ-2371308 V4-434F   | 2D259<br>□ 30.9<br>𠵿<br>JMJ-057171               |
| 2D220<br>□ 30.8<br>𠵿<br>SAT-01756            | 2D234<br>□ 30.9<br>𠵿<br>SAT-03273            | 2D247<br>□ 30.9<br>𠵿<br>SAT-01247              | 2D25A<br>□ 30.10<br>𠵿<br>GZ-3382503              |
| 2D221<br>□ 30.8<br>𠵿<br>SAT-00665            | 2D235<br>□ 30.9<br>𠵿<br>SAT-03596            | 2D248<br>□ 30.9<br>𠵿<br>JMJ-059422             | 2D25B<br>□ 30.10<br>𠵿<br>SAT-00163               |
| 2D222<br>□ 30.8<br>𠵿<br>SAT-01516            | 2D236<br>□ 30.9<br>𠵿<br>SAT-03751            | 2D249<br>□ 30.9<br>𠵿<br>JMJ-057182             | 2D25C<br>□ 30.10<br>𠵿<br>SAT-01637               |
| 2D223<br>□ 30.8<br>𠵿<br>SAT-04843            | 2D237<br>□ 30.9<br>𠵿<br>SAT-03975            | 2D24A<br>□ 30.9<br>𠵿<br>GZ-2572101             | 2D25D<br>□ 30.10<br>𠵿 𠵿<br>HD-2D25D SAT-03995    |
| 2D224<br>□ 30.8<br>𠵿<br>SAT-05462            | 2D238<br>□ 30.9<br>𠵿<br>SAT-02516            | 2D24B<br>□ 30.9<br>𠵿<br>SAT-02150              | 2D25E<br>□ 30.10<br>𠵿<br>SAT-04103               |
| 2D225<br>□ 30.8<br>𠵿<br>GZ-3472501           | 2D239<br>□ 30.9<br>𠵿<br>JMJ-057174           | 2D24C<br>□ 30.9<br>𠵿<br>SAT-04201              | 2D25F<br>□ 30.10<br>𠵿<br>GZ-3442110              |
| 2D226<br>□ 30.8<br>𠵿 𠵿<br>KC-06082 SAT-05479 | 2D23A<br>□ 30.9<br>𠵿<br>SAT-00445            | 2D24D<br>□ 30.9<br>𠵿<br>SAT-04964              | 2D260<br>□ 30.10<br>𠵿<br>JMJ-059425              |
| 2D227<br>□ 30.8<br>𠵿<br>GZ-0581203           | 2D23B<br>□ 30.9<br>𠵿 𠵿<br>GZ-4412202 TC-6523 | 2D24E<br>□ 30.9<br>𠵿<br>SAT-60064              | 2D261<br>□ 30.10<br>𠵿<br>SAT-00793               |
| 2D228<br>□ 30.8<br>𠵿<br>GZ-1731201           | 2D23C<br>□ 30.9<br>𠵿<br>SAT-04638            | 2D24F<br>□ 30.9<br>𠵿<br>GZ-4822209             | 2D262<br>□ 30.10<br>𠵿<br>JMJ-059429              |
| 2D229<br>□ 30.8<br>𠵿<br>SAT-00661            | 2D23D<br>□ 30.9<br>𠵿<br>JMJ-057177           | 2D250<br>□ 30.9<br>𠵿<br>SAT-00165              | 2D263<br>□ 30.10<br>𠵿<br>SAT-00614               |
| 2D22A<br>□ 30.8<br>𠵿<br>SAT-01549            | 2D23E<br>□ 30.9<br>𠵿<br>SAT-03910            | 2D251<br>□ 30.9<br>𠵿 𠵿<br>GZ-2361404 V4-4356   | 2D264<br>□ 30.10<br>𠵿<br>SAT-03821               |
| 2D22B<br>□ 30.8<br>𠵿<br>SAT-03911            | 2D23F<br>□ 30.9<br>𠵿<br>SAT-90093            | 2D252<br>□ 30.9<br>𠵿<br>GZ-3461204             | 2D265<br>□ 30.10<br>𠵿<br>KC-06095                |
| 2D22C<br>□ 30.8<br>𠵿<br>JMJ-057168           | 2D240<br>□ 30.9<br>𠵿<br>GZ-1442305           | 2D253<br>□ 30.9<br>𠵿 𠵿<br>GZ-1772312 SAT-05463 | 2D266<br>□ 30.10<br>𠵿<br>KC-04898                |
| 2D22D<br>□ 30.8<br>𠵿<br>KC-06083             | 2D241<br>□ 30.9<br>𠵿<br>GZ-1982502           | 2D254<br>□ 30.9<br>𠵿<br>GZ-3461213             | 2D267<br>□ 30.10<br>𠵿<br>GZ-1092101              |
| 2D22E<br>□ 30.8<br>𠵿<br>MC-00129             | 2D242<br>□ 30.9<br>𠵿<br>GZ-2342307           | 2D255<br>□ 30.9<br>𠵿<br>GZ-3461213             | 2D268<br>□ 30.10<br>𠵿 𠵿<br>GZY-1359.00 SAT-01403 |
| 2D22F<br>□ 30.9<br>𠵿<br>GZ-2412103           | 2D243<br>□ 30.9<br>𠵿<br>GZ-2361401           | 2D256<br>□ 30.9<br>𠵿<br>GCY-2204.00            | 2D269<br>□ 30.10<br>𠵿 𠵿<br>JMJ-059427 V4-435D    |
| 2D230<br>□ 30.9<br>𠵿<br>SAT-02002            | 2D244<br>□ 30.9<br>𠵿<br>SAT-04804            | 2D257<br>□ 30.9<br>𠵿<br>KC-04893               | 2D26A<br>□ 30.10<br>𠵿<br>SAT-00914               |
| 2D231<br>□ 30.9<br>𠵿<br>GZ-1881508           | 2D245<br>□ 30.9<br>𠵿<br>SAT-05185            | 2D258<br>□ 30.9<br>𠵿<br>GZ-1882304             | 2D26B<br>□ 30.10<br>𠵿<br>SAT-01693               |
| 2D232<br>□ 30.9<br>𠵿<br>SAT-01695            | 2D246<br>□ 30.9<br>𠵿<br>GZ-4391202           |                                                | 2D26C<br>□ 30.10<br>𠵿<br>SAT-04127               |



|                                                  |                                             |                                     |                                                               |
|--------------------------------------------------|---------------------------------------------|-------------------------------------|---------------------------------------------------------------|
| 2D3AD<br>± 32.8<br>虚<br>KC-06130                 | 2D3C1<br>± 32.9<br>垠<br>SAT-04068           | 2D3D5<br>± 32.10<br>塌<br>JMJ-057236 | 2D3E9<br>± 32.11<br>堉<br>SAT-01811                            |
| 2D3AE<br>± 32.8<br>望<br>望<br>JMJ-059452 KC-06991 | 2D3C2<br>± 32.9<br>垠<br>GZ-2602107          | 2D3D6<br>± 32.10<br>堉<br>SAT-01980  | 2D3EA<br>± 32.12<br>堉<br>KC-04934                             |
| 2D3AF<br>± 32.8<br>垠<br>SAT-03699                | 2D3C3<br>± 32.9<br>垠<br>KC-04921            | 2D3D7<br>± 32.10<br>堉<br>SAT-02230  | 2D3EB<br>± 32.12<br>堉<br>KC-00755                             |
| 2D3B0<br>± 32.8<br>垠<br>KC-00643                 | 2D3C4<br>± 32.9<br>堉<br>KC-00667            | 2D3D8<br>± 32.10<br>堉<br>SAT-02812  | 2D3EC<br>± 32.12<br>堉<br>堉<br>KC-00724 UTC-01220<br>SAT-00098 |
| 2D3B1<br>± 32.8<br>垠<br>SAT-02683                | 2D3C5<br>± 32.9<br>堉<br>SAT-03230           | 2D3D9<br>± 32.10<br>堉<br>GZ-3422506 | 2D3ED<br>± 32.12<br>堉<br>KC-04933                             |
| 2D3B2<br>± 32.8<br>垠<br>GZ-2351106               | 2D3C6<br>± 32.9<br>堉<br>SAT-03668           | 2D3DA<br>± 32.10<br>堉<br>SAT-00067  | 2D3EE<br>± 32.12<br>堉<br>SAT-02151                            |
| 2D3B3<br>± 32.8<br>垠<br>SAT-01362                | 2D3C7<br>± 32.9<br>堉<br>KC-00665            | 2D3DB<br>± 32.10<br>堉<br>JMJ-057238 | 2D3EF<br>± 32.12<br>堉<br>SAT-04538                            |
| 2D3B4<br>± 32.8<br>堉<br>KC-00644                 | 2D3C8<br>± 32.9<br>堉<br>KC-04919            | 2D3DC<br>± 32.10<br>堉<br>MC-00036   | 2D3F0<br>± 32.12<br>堉<br>KC-00712                             |
| 2D3B5<br>± 32.8<br>堉<br>SAT-00967                | 2D3C9<br>± 32.9<br>堉<br>GZ-1302403          | 2D3DD<br>± 32.11<br>堉<br>SAT-08604  | 2D3F1<br>± 32.12<br>堉<br>SAT-00608                            |
| 2D3B6<br>± 32.9<br>堉<br>GZ-1531301               | 2D3CA<br>± 32.9<br>堉<br>KC-04932 SAT-04828  | 2D3DE<br>± 32.11<br>堉<br>KC-04930   | 2D3F2<br>± 32.12<br>堉<br>SAT-02447                            |
| 2D3B7<br>± 32.9<br>堉<br>SAT-01211                | 2D3CB<br>± 32.9<br>堉<br>SAT-02290           | 2D3DF<br>± 32.11<br>堉<br>KC-06140   | 2D3F3<br>± 32.12<br>堉<br>SAT-80150                            |
| 2D3B8<br>± 32.9<br>堉<br>SAT-04943                | 2D3CC<br>± 32.10<br>堉<br>KC-06136           | 2D3E0<br>± 32.11<br>堉<br>KC-06138   | 2D3F4<br>± 32.12<br>堉<br>KC-04931                             |
| 2D3B9<br>± 32.9<br>堉<br>SAT-05765                | 2D3CD<br>± 32.10<br>堉<br>JMJ-059455         | 2D3E1<br>± 32.11<br>堉<br>SAT-02801  | 2D3F5<br>± 32.12<br>堉<br>SAT-02635                            |
| 2D3BA<br>± 32.9<br>堉<br>KC-04920                 | 2D3CE<br>± 32.10<br>堉<br>KC-04927 SAT-02674 | 2D3E2<br>± 32.11<br>堉<br>GZ-1231101 | 2D3F6<br>± 32.13<br>堉<br>GZ-1872404                           |
| 2D3BB<br>± 32.9<br>堉<br>KC-04925                 | 2D3CF<br>± 32.10<br>堉<br>KC-00698           | 2D3E3<br>± 32.11<br>堉<br>SAT-01155  | 2D3F7<br>± 32.13<br>堉<br>SAT-01625                            |
| 2D3BC<br>± 32.9<br>堉<br>SAT-05444                | 2D3D0<br>± 32.10<br>堉<br>JMJ-059456         | 2D3E4<br>± 32.11<br>堉<br>SAT-02665  | 2D3F8<br>± 32.13<br>堉<br>GFC-008                              |
| 2D3BD<br>± 32.9<br>堉<br>KC-04922                 | 2D3D1<br>± 32.10<br>堉<br>KC-00694           | 2D3E5<br>± 32.11<br>堉<br>SAT-03968  | 2D3F9<br>± 32.13<br>堉<br>SAT-04207                            |
| 2D3BE<br>± 32.9<br>堉<br>KC-00692                 | 2D3D2<br>± 32.10<br>堉<br>KC-04916 UTC-01214 | 2D3E6<br>± 32.11<br>堉<br>KC-06992   | 2D3FA<br>± 32.13<br>堉<br>KC-04936                             |
| 2D3BF<br>± 32.9<br>堉<br>KC-06135                 | 2D3D3<br>± 32.10<br>堉<br>KC-04924           | 2D3E7<br>± 32.11<br>堉<br>KC-06139   | 2D3FB<br>± 32.13<br>堉<br>SAT-00622                            |
| 2D3C0<br>± 32.9<br>堉<br>JMJ-057232               | 2D3D4<br>± 32.10<br>堉<br>GZ-1211205         | 2D3E8<br>± 32.11<br>堉<br>SAT-03953  |                                                               |



|                                           |                                 |                                       |                                |
|-------------------------------------------|---------------------------------|---------------------------------------|--------------------------------|
| 2D67B<br>𡩺 53.12<br>JMJ-057450            | 2D68F<br>𡩻 53.19<br>KC-06232    | 2D6A3<br>𡩼 56.10<br>JMJ-059568        | 2D6B7<br>𡩽 57.8<br>KC-05057    |
| 2D67C<br>𡩼 53.13<br>SAT-05417             | 2D690<br>𡩽 53.19<br>SAT-04414   | 2D6A4<br>𡩽 56.10<br>SAT-00067         | 2D6B8<br>𡩾 57.8<br>JMJ-057467  |
| 2D67D<br>𡩽 53.13<br>JMJ-059565            | 2D691<br>𡩾 53.21<br>JMJ-059566  | 2D6A5<br>𡩾 57.1<br>JMJ-057460         | 2D6B9<br>𡩾 57.8<br>JMJ-057468  |
| 2D67E<br>𡩾 53.13<br>SAT-04190             | 2D692<br>𡩾 54.4<br>JMJ-057454   | 2D6A6<br>𡩾 57.3<br>GXHZ-011 UTC-01078 | 2D6BA<br>𡩾 57.9<br>JMJ-059579  |
| 2D67F<br>𡩾 53.13<br>GCY-0024.00 SAT-05347 | 2D693<br>𡩾 54.4<br>JMJ-057453   | 2D6A7<br>𡩾 57.4<br>KC-07492 SAT-05304 | 2D6BB<br>𡩾 57.9<br>SAT-02491   |
| 2D680<br>𡩾 53.13<br>JMJ-059563            | 2D694<br>𡩾 54.4<br>KC-06233     | 2D6A8<br>𡩾 57.4<br>JMJ-057463         | 2D6BC<br>𡩾 57.9<br>JMJ-057469  |
| 2D681<br>𡩾 53.13<br>SAT-04962             | 2D695<br>𡩾 54.5<br>KC-05055     | 2D6A9<br>𡩾 57.5<br>SAT-03560          | 2D6BD<br>𡩾 57.9<br>SAT-01595   |
| 2D682<br>𡩾 53.13<br>JMJ-059564            | 2D696<br>𡩾 55.6<br>SAT-05309    | 2D6AA<br>𡩾 57.5<br>JMJ-059570         | 2D6BE<br>𡩾 57.9<br>SAT-60018   |
| 2D683<br>𡩾 53.13<br>JMJ-057452            | 2D697<br>𡩾 55.7<br>SAT-03542    | 2D6AB<br>𡩾 57.5<br>SAT-03695          | 2D6BF<br>𡩾 57.9<br>JMJ-059580  |
| 2D684<br>𡩾 53.14<br>SAT-01806             | 2D698<br>𡩾 55.7<br>JMJ-057456   | 2D6AC<br>𡩾 57.6<br>JMJ-059571         | 2D6C0<br>𡩾 57.9<br>GZ-4771301  |
| 2D685<br>𡩾 53.15<br>SAT-02041             | 2D699<br>𡩾 55.10<br>GZ-4291310  | 2D6AD<br>𡩾 57.6<br>GZ-3882102         | 2D6C1<br>𡩾 57.9<br>JMJ-057470  |
| 2D686<br>𡩾 53.15<br>SAT-03604             | 2D69A<br>𡩾 55.11<br>GCY-2455.00 | 2D6AE<br>𡩾 57.6<br>JMJ-059572         | 2D6C2<br>𡩾 57.10<br>JMJ-059581 |
| 2D687<br>𡩾 53.15<br>GCY-2467.00           | 2D69B<br>𡩾 55.13<br>GZ-2622106  | 2D6AF<br>𡩾 57.6<br>SAT-01092          | 2D6C3<br>𡩾 57.10<br>GZ-0011701 |
| 2D688<br>𡩾 53.15<br>KC-06229              | 2D69C<br>𡩾 55.13<br>SAT-05147   | 2D6B0<br>𡩾 57.6<br>KC-01146           | 2D6C4<br>𡩾 57.11<br>KC-06236   |
| 2D689<br>𡩾 53.16<br>SAT-03240             | 2D69D<br>𡩾 55.13<br>SAT-05744   | 2D6B1<br>𡩾 57.7<br>SAT-00464          | 2D6C5<br>𡩾 57.12<br>JMJ-059582 |
| 2D68A<br>𡩾 53.16<br>SAT-02713             | 2D69E<br>𡩾 55.20<br>KC-06235    | 2D6B2<br>𡩾 57.7<br>KC-05056           | 2D6C6<br>𡩾 57.12<br>SAT-05623  |
| 2D68B<br>𡩾 53.16<br>SAT-06311             | 2D69F<br>𡩾 56.2<br>JMJ-059567   | 2D6B3<br>𡩾 57.7<br>SAT-05414          | 2D6C7<br>𡩾 57.12<br>GZ-4342202 |
| 2D68C<br>𡩾 53.17<br>SAT-03795             | 2D6A0<br>𡩾 56.2<br>SAT-02143    | 2D6B4<br>𡩾 57.7<br>JMJ-059573         | 2D6C8<br>𡩾 57.13<br>SAT-00327  |
| 2D68D<br>𡩾 53.18<br>KC-06230              | 2D6A1<br>𡩾 56.2<br>JMJ-057458   | 2D6B5<br>𡩾 57.7<br>JMJ-057464         | 2D6C9<br>𡩾 57.13<br>SAT-00651  |
| 2D68E<br>𡩾 53.18<br>KC-06231              | 2D6A2<br>𡩾 56.8<br>SAT-05804    | 2D6B6<br>𡩾 57.8<br>JMJ-059575         | 2D6CA<br>𡩾 57.14<br>SAT-05252  |

|                                              |                                               |                                     |                                               |
|----------------------------------------------|-----------------------------------------------|-------------------------------------|-----------------------------------------------|
| 2D76B<br>心 61.9<br>𢇛<br>GZ-2371307           | 2D77F<br>心 61.10<br>𢇛<br>KC-05087             | 2D793<br>心 61.11<br>𢇛<br>SAT-04978  | 2D7A7<br>心 61.12<br>𢇛<br>SAT-01560            |
| 2D76C<br>心 61.9<br>𢇛<br>KC-05082             | 2D780<br>心 61.10<br>𢇛<br>KC-01270             | 2D794<br>心 61.11<br>𢇛<br>GPGLG-3003 | 2D7A8<br>心 61.12<br>𢇛<br>SAT-04169            |
| 2D76D<br>心 61.9<br>𢇛<br>GZ-5061601 SAT-02897 | 2D781<br>心 61.10<br>𢇛<br>JMJ-059625           | 2D795<br>心 61.11<br>𢇛<br>KC-05091   | 2D7A9<br>心 61.12<br>𢇛<br>SAT-60118            |
| 2D76E<br>心 61.9<br>𢇛<br>GZ-2371303           | 2D782<br>心 61.10<br>𢇛<br>SAT-02394            | 2D796<br>心 61.11<br>𢇛<br>KC-05098   | 2D7AA<br>心 61.12<br>𢇛<br>SAT-60119            |
| 2D76F<br>心 61.9<br>𢇛<br>SAT-02967            | 2D783<br>心 61.10<br>𢇛<br>SAT-03514            | 2D797<br>心 61.11<br>𢇛<br>KC-06267   | 2D7AB<br>心 61.12<br>𢇛<br>KC-06268             |
| 2D770<br>心 61.9<br>𢇛<br>SAT-03132            | 2D784<br>心 61.10<br>𢇛<br>GZ-0032502           | 2D798<br>心 61.11<br>𢇛<br>JMJ-059631 | 2D7AC<br>心 61.12<br>𢇛<br>KC-05096             |
| 2D771<br>心 61.9<br>𢇛<br>SAT-03681            | 2D785<br>心 61.10<br>𢇛<br>JMJ-057513 SAT-01100 | 2D799<br>心 61.11<br>𢇛<br>SAT-80089  | 2D7AD<br>心 61.12<br>𢇛<br>KC-06275             |
| 2D772<br>心 61.9<br>𢇛<br>SAT-04451            | 2D786<br>心 61.10<br>𢇛<br>KC-06260             | 2D79A<br>心 61.11<br>𢇛<br>SAT-03117  | 2D7AE<br>心 61.12<br>𢇛<br>KC-05095             |
| 2D773<br>心 61.9<br>𢇛<br>SAT-04819            | 2D787<br>心 61.10<br>𢇛<br>SAT-01587            | 2D79B<br>心 61.11<br>𢇛<br>KC-01275   | 2D7AF<br>心 61.12<br>𢇛<br>KC-05093             |
| 2D774<br>心 61.9<br>𢇛<br>SAT-01658            | 2D788<br>心 61.10<br>𢇛<br>KC-01254             | 2D79C<br>心 61.11<br>𢇛<br>SAT-02484  | 2D7B0<br>心 61.12<br>𢇛<br>SAT-00485            |
| 2D775<br>心 61.9<br>𢇛<br>SAT-05467            | 2D789<br>心 61.10<br>𢇛<br>SAT-01575            | 2D79D<br>心 61.11<br>𢇛<br>KC-01286   | 2D7B1<br>心 61.12<br>𢇛<br>SAT-05734            |
| 2D776<br>心 61.9<br>𢇛<br>SAT-03317            | 2D78A<br>心 61.10<br>𢇛<br>SAT-05782            | 2D79E<br>心 61.11<br>𢇛<br>JMJ-059629 | 2D7B2<br>心 61.12<br>𢇛<br>SAT-04736            |
| 2D777<br>心 61.10<br>𢇛<br>JMJ-059626          | 2D78B<br>心 61.10<br>𢇛<br>JMJ-057514           | 2D79F<br>心 61.11<br>𢇛<br>SAT-00726  | 2D7B3<br>心 61.12<br>𢇛<br>KC-06265             |
| 2D778<br>心 61.10<br>𢇛<br>SAT-01974           | 2D78C<br>心 61.10<br>𢇛<br>JMJ-057516           | 2D7A0<br>心 61.11<br>𢇛<br>SAT-02953  | 2D7B4<br>心 61.12<br>𢇛<br>KC-01312 SAT-06328   |
| 2D779<br>心 61.10<br>𢇛<br>SAT-04857           | 2D78D<br>心 61.11<br>𢇛<br>KC-01285             | 2D7A1<br>心 61.11<br>𢇛<br>SAT-00363  | 2D7B5<br>心 61.12<br>𢇛<br>JMJ-059632           |
| 2D77A<br>心 61.10<br>𢇛<br>KC-05086            | 2D78E<br>心 61.11<br>𢇛<br>SAT-90057            | 2D7A2<br>心 61.11<br>𢇛<br>KC-05092   | 2D7B6<br>心 61.12<br>𢇛<br>SAT-02529            |
| 2D77B<br>心 61.10<br>𢇛<br>KC-05085            | 2D78F<br>心 61.11<br>𢇛<br>JMJ-059633           | 2D7A3<br>心 61.11<br>𢇛<br>KC-01274   | 2D7B7<br>心 61.12<br>𢇛<br>KC-07025             |
| 2D77C<br>心 61.10<br>𢇛<br>KC-01258            | 2D790<br>心 61.11<br>𢇛<br>JMJ-057523           | 2D7A4<br>心 61.11<br>𢇛<br>KC-05090   | 2D7B8<br>心 61.12<br>𢇛<br>KC-05094             |
| 2D77D<br>心 61.10<br>𢇛<br>SAT-00467           | 2D791<br>心 61.11<br>𢇛<br>GZY-1277.00          | 2D7A5<br>心 61.11<br>𢇛<br>JMJ-057519 | 2D7B9<br>心 61.12<br>𢇛<br>GKJ-00097 JMJ-057526 |
| 2D77E<br>心 61.10<br>𢇛<br>KC-05088            | 2D792<br>心 61.11<br>𢇛<br>SAT-02042            | 2D7A6<br>心 61.12<br>𢇛<br>SAT-04391  | 2D7BA<br>心 61.13<br>𢇛<br>KC-01324 SAT-00376   |

|                                                |                                    |                                               |                                                |
|------------------------------------------------|------------------------------------|-----------------------------------------------|------------------------------------------------|
| 2D94A<br>无 71.16<br>既逢<br>GZ-1832401           | 2D95E<br>日 72.4<br>呷<br>SAT-04498  | 2D972<br>日 72.6<br>暗<br>SAT-01954             | 2D986<br>日 72.7<br>眈<br>GZ-3542204             |
| 2D94B<br>日 72.1<br>𠂔<br>KC-06316               | 2D95F<br>日 72.4<br>𡗗<br>JMJ-057652 | 2D973<br>日 72.6<br>睥<br>GZ-0542202            | 2D987<br>日 72.7<br>眈<br>SAT-02699              |
| 2D94C<br>日 72.2<br>町<br>KC-05142               | 2D960<br>日 72.4<br>晃<br>KC-05143   | 2D974<br>日 72.6<br>𡗗<br>SAT-00029             | 2D988<br>日 72.7<br>𡗗<br>SAT-00852              |
| 2D94D<br>日 72.2<br>𡗗<br>JMJ-057648             | 2D961<br>日 72.5<br>𡗗<br>GZ-2382101 | 2D975<br>日 72.6<br>𡗗<br>KC-01561              | 2D989<br>日 72.7<br>𡗗<br>SAT-06289              |
| 2D94E<br>日 72.2<br>𡗗<br>JMJ-057649             | 2D962<br>日 72.5<br>𡗗<br>KC-06322   | 2D976<br>日 72.6<br>𡗗<br>KC-05152              | 2D98A<br>日 72.7<br>𡗗<br>KC-05154               |
| 2D94F<br>日 72.3<br>𡗗<br>GZ-1162201             | 2D963<br>日 72.5<br>𡗗<br>KC-06318   | 2D977<br>日 72.6<br>𡗗<br>SAT-00174             | 2D98B<br>日 72.7<br>𡗗<br>KC-01574               |
| 2D950<br>日 72.3<br>𡗗<br>SAT-02573              | 2D964<br>日 72.5<br>𡗗<br>KC-05147   | 2D978<br>日 72.6<br>𡗗<br>JMJ-059680            | 2D98C<br>日 72.7<br>𡗗<br>JMJ-057670             |
| 2D951<br>日 72.3<br>𡗗<br>KC-01525               | 2D965<br>日 72.5<br>𡗗<br>KC-07036   | 2D979<br>日 72.6<br>𡗗 𡗗<br>KC-08027 SAT-03964  | 2D98D<br>日 72.7<br>𡗗<br>SAT-05271              |
| 2D952<br>日 72.4<br>𡗗<br>SAT-00024              | 2D966<br>日 72.5<br>𡗗<br>JMJ-059676 | 2D97A<br>日 72.6<br>𡗗 𡗗<br>GZ-2252101 KC-05150 | 2D98E<br>日 72.7<br>𡗗 𡗗<br>GZ-0822101 SAT-03158 |
| 2D953<br>日 72.4<br>𡗗<br>SAT-00251              | 2D967<br>日 72.5<br>𡗗<br>JMJ-059677 | 2D97B<br>日 72.6<br>𡗗<br>KC-05151              | 2D98F<br>日 72.7<br>𡗗<br>SAT-00939              |
| 2D954<br>日 72.4<br>𡗗<br>GZ-3781111             | 2D968<br>日 72.5<br>𡗗<br>SAT-01876  | 2D97C<br>日 72.6<br>𡗗 𡗗<br>KC-06320 SAT-02271  | 2D990<br>日 72.7<br>𡗗<br>SAT-05484              |
| 2D955<br>日 72.4<br>𡗗<br>KC-05146               | 2D969<br>日 72.5<br>𡗗<br>GZ-2711102 | 2D97D<br>日 72.6<br>𡗗<br>GZ-2801506            | 2D991<br>日 72.7<br>𡗗<br>JMJ-059684             |
| 2D956<br>日 72.4<br>𡗗<br>KC-05144               | 2D96A<br>日 72.5<br>𡗗<br>GZ-4282301 | 2D97E<br>日 72.6<br>𡗗<br>GZ-2632305            | 2D992<br>日 72.7<br>𡗗<br>SAT-01894              |
| 2D957<br>日 72.4<br>𡗗 𡗗<br>JMJ-057654 SAT-01562 | 2D96B<br>日 72.5<br>𡗗<br>JMJ-057658 | 2D97F<br>日 72.6<br>𡗗<br>KC-05149              | 2D993<br>日 72.7<br>𡗗<br>SAT-03905              |
| 2D958<br>日 72.4<br>𡗗<br>JMJ-059675             | 2D96C<br>日 72.5<br>𡗗<br>JMJ-057660 | 2D980<br>日 72.6<br>𡗗<br>JMJ-059682            | 2D994<br>日 72.7<br>𡗗<br>KC-06321               |
| 2D959<br>日 72.4<br>𡗗<br>KC-05145               | 2D96D<br>日 72.5<br>𡗗<br>JMJ-057661 | 2D981<br>日 72.6<br>𡗗<br>JMJ-059683            | 2D995<br>日 72.7<br>𡗗<br>KC-06323               |
| 2D95A<br>日 72.4<br>𡗗<br>JMJ-059674             | 2D96E<br>日 72.6<br>𡗗<br>GZ-1081301 | 2D982<br>日 72.6<br>𡗗<br>GZ-3781106            | 2D996<br>日 72.7<br>𡗗<br>SAT-03167              |
| 2D95B<br>日 72.4<br>𡗗<br>KC-06317               | 2D96F<br>日 72.6<br>𡗗<br>SAT-01662  | 2D983<br>日 72.6<br>𡗗<br>JMJ-057667            | 2D997<br>日 72.7<br>𡗗<br>JMJ-057668             |
| 2D95C<br>日 72.4<br>𡗗<br>JMJ-059673             | 2D970<br>日 72.6<br>𡗗<br>SAT-01840  | 2D984<br>日 72.7<br>𡗗<br>GZ-4291312            | 2D998<br>日 72.7<br>𡗗<br>SAT-04132              |
| 2D95D<br>日 72.4<br>𡗗<br>SAT-00302              | 2D971<br>日 72.6<br>𡗗<br>KC-06319   | 2D985<br>日 72.7<br>𡗗<br>SAT-00888             | 2D999<br>日 72.8<br>𡗗<br>JMJ-059686             |