



ISO/IEC JTC1/SC2/WG2 N2308

2000-11-29

Universal Multiple Octet Coded Character Set
International Organization for Standardization
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Note to reviewers: In the character code tables, both new and existing characters are printed. The new characters are shown on a light yellow background, which, on some printers, may show as light gray background. This highlighting is solely intended as an aid to the reviewer, and is not formally part of the standard. The fonts in the code charts reflect the best fonts available to the editors as of this date.

Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:

Architecture and Basic Multilingual Plane

AMENDMENT 1: Mathematical symbols and other characters

Item 1. Mathematical and other characters

1. Modifications to existing tables

Insert the following additional character glyphs and names at the indicated positions in the tables given below in Item 15, the character names replacing the existing entries which read “(This position shall not be used)”.

[EDITOR'S NOTE - In the tables in Item 15, the following code positions indicate the new characters added to those tables:

0363-036F, 03D8-03D9, 03F4-03F6, 048A-048B, 04C5-04C6, 04C9-04CA, 04CD-04CE, 07B1, 17DD, 2047, 204E-2051, 2057, 205F-2062, 2071, 20B0-20B1, 20E4-20E8, 213D-214B, 21F5-21FF, 22F2-22FF, 237C, 239B-23CE, 24EB-24FE, 2596-259F, 25F8-25FF, 2616-2617, 2672-2679, 303B-303D, 3095-3096, 309F, 30A0, 30FF, 3251-325F, 32B1-32BF, A4A2-A4A3, A4B4, A4C1, A4C5, FA30-FA68, FE45-FE46

2. New tables.

After page 279

Insert the following additional character glyphs and names at the indicated positions in the tables given below in Item 15, the new character names replacing the existing entries at the specified code locations which read “(This position shall not be used)”.

Table 144 - Row 04: CYRILLIC
SUPPLEMENTARY

Table 145 - Row 17: TAGALOG

Table 146 - Row 17: HANUNOO

Table 147 - Row 17: BUHID

Table 148 - Row 17: TAGBANWA

Table 149 - Row 29: SUPPLEMENTAL ARROWS

Table 150 - Row 29: MISCELLANEOUS
MATHEMATICAL SYMBOLS

Table 151 - Row 2A: SUPPLEMENTAL
MATHEMATICAL OPERATORS

Table 152 - Row 2A: SUPPLEMENTAL
MATHEMATICAL OPERATORS

Table 153 - Row 31: KATAKANA PHONETIC
EXTENSIONS

Table 154 - Row AF: CJK COMPATIBILITY
IDEOGRAPHS

Table 155 - Row FE: VARIATION SELECTORS

The following code positions indicate the new characters to be added in new tables:

0500-052F, 1700-171F, 1720-173F, 1740-175F, 1760-177F, 2900-297F, 2980-29FF, 2A00-2A7F, 2A80-2AFF, 31F0-31FF, FE00-FE0F.]

Item 2. Reference to Part 2

Page v, Foreword

Insert the following italicized text after the Part 1 description:

— Part 2: Supplementary Planes

Remove the text “Additional parts will specify other planes”.

Page 9, clause 14

In the first paragraph, change the text “listed in annex B” to “listed in annex B of each part of ISO/IEC 10646”.

Page 9, clause 14.1

Change the text “(see clause B.1)” to “(see clause B.1 of each part of ISO/IEC 10646)”.

Page 9, clause 14.2

Change the text “listed in clause B.2” to “listed in clause B.2 of each part of ISO/IEC 10646”.

Page 13, clause 24

In the first paragraph, change the text “clause B.1” to “clause B.1 of each part of ISO/IEC 10646”, and change the text “clause B.2” to “clause B.2 of each part of ISO/IEC 10646”.

Item 3. Restriction of code positions

Page 6, figure 2

In the legend “Private use planes 0F, 10, E0 - FF” delete “E0 - FF”, and delete the upward arrows pointing to planes E0 to FF.

Page 8, clause 9

Amend 9.1 to read as follows:

9.1 Planes reserved for future standardization

Planes 11 to DFF in Group 00 and all planes in all other groups (i.e. Planes 00 to FF in Groups 01 to 57F) are reserved for future standardization, and thus those code positions shall not be used for any other purpose.

Code positions in these planes do not have a mapping to the UTF-16 form (see Annex C).

NOTE - To ensure continued interoperability between the UTF-16 form and other coded representations of the UCS, it is intended that no characters will ever be allocated to code positions above 0010 FFFF.

In 9.2 (Planes accessible by UTF-16) delete 2nd paragraph as follows:

~~Code positions in Planes 11 to FF of Group 00, or in Planes 00 to FF of other groups, do not have a mapping to the UTF-16 form.~~

Page 8, clause 10

In 10.2 (Code positions for private use characters) amend the first two paragraphs to read as follows:

~~The code positions of the 32 groups from Group 60 to Group 7F shall be for private use.~~

The code positions of Plane 0F and Plane 10, ~~and of the 32 planes from Plane E0 to Plane FF, of Group 00~~ shall be for private use.

Page 881, annex A

From collection 400, delete “, & E0 - FF”.

Under collection 500, change “PRIVATE USE GROUPS G=60 - 7F” to “(This collection number shall not be used, see Note 2.)”.

Under Note 1, change the text “90, and 91” to “90, 91, 93, 94, 95, and 96”.

Under Note 2, change the text “58, and 59” to “58, 59, and 500”. Also correct the text “international Standards” to “International Standard”.

In the alphabetical list of collection names, add parentheses around collection 500 under “Private use”.

Item 4. Extension of U+ notation

Page 7, clause 6

Change “four-digit form” and “4-digit form” to “four-to-six-digit form” throughout.

In clause 6.5.b change “It is not defined if the first four digits of the eight-digit form are not all zeros” to “It is not defined if the eight-digit form is greater than 0010 FFFF” and append at the end of the text “Leading zeros are suppressed for values greater than 0000 FFFF.”.

Change “{+}xxxx” in the BNF form to “{+}(xxxx | xxxxx | xxxxxx)”.

Item 5. UCS Sequence Identifiers

Page 8, clause 6

After clause 6.5, add a new clause 6.6 (UCS Sequence Identifiers):

“An entity that is represented by a sequence of ‘n’ code positions from the standard, is identified by a UCS Sequence Identifier (USI) having the following form:

<UID1, UID2, UID3, .. UIDn>

where UID1, UID2, UID3, etc. represent the unique identifiers of the corresponding characters from the standards, in the same sequence as required to represent the identified entity. The syntax for UID1, UID2, UID3, etc. is specified in clause 6.5. A COMMA character (optionally followed by a SPACE character) separates the UIDs. The UCS Sequence Identifier shall include at least two UIDs; it shall begin with a LESS-THAN SIGN and be terminated by a GREATER-THAN SIGN.”

Item 6. Characters reserved for internal processing uses

Page 8, clause 7

Remove the note.

Page 8, clause 8

Replace the last paragraph as follows:

“Code positions 0000 FDD0 to 0000 FDEF, 0000 FFFE, and 0000 FFFF are reserved.

NOTE - Code position 0000 FFFE is reserved for “signature” (see annex H). Code positions 0000 FDD0 to 0000 FDEF, and 0000 FFFF can be used for internal processing uses requiring numeric values which are guaranteed not to be coded characters, such as in terminating tables, or signaling end-of-text. Furthermore, since 0000 FFFF is the largest BMP value, it may also be used as the final value in binary or sequential searching index within the context of the BMP.”

Change the annotations for the characters at 0000 FDD0 - 0000 FDEF, 0000 FFFE, and 0000 FFFF to “(This position is permanently reserved)”.

Item 7. Alternate format characters

Page 8, Clause 8

Insert the following paragraph and note after the second paragraph which ends “reserved for control characters.”)

Code positions 0000 2060 to 0000 206F, 0000 FFF0 to 0000 FFFC, and 000E 0000 to 000E 0FFF are reserved for Alternate Format Characters.

NOTE - Unassigned code positions in that range may be ignored in normal processing and display.

Item 8. Collections for MES

Page 880, annex A.1

In the list of collection numbers and names, after

271 COMBINING CHARACTERS B-2

insert new entries as follows:

| | |
|------------|-------------|
| 281 MES-1 | see A.4.1 * |
| 282 MES-2 | see A.4.2 * |
| 283 MES-3A | see A.4.3 |
| 284 MES-3B | see A.4.4 * |

Page 881, annex A.1

In the alphabetical list of keywords, after

Mathematical operators

insert

MES 281 282 283 284

Page 884, annex A

At the end of Annex A add a new clause A.4 as follows.

A.4 Other collections within the BMP

The collections specified within this clause are entirely within Plane 00.

NOTE - The acronym MES indicates Multilingual European Subset.

A.4.1 281 MES-1

281 MES-1 is specified by the following ranges of code positions as indicated for each row.

Rows Positions (cells)

| | |
|----|-------------------------|
| 00 | 20-7E A0-FF |
| 01 | 00-13 16-2B 2E-4D 50-7E |
| 02 | C7 D8-DB DD |
| 20 | 15 18-19 1C-1D AC |
| 21 | 22 26 5B-5E 90-93 |
| 26 | 6A |

A.4.2 282 MES-2

282 MES-2 is specified by the following ranges of code positions as indicated for each row.

Rows Positions (cells)

| | |
|----|--|
| 00 | 20-7E A0-FF |
| 01 | 00-7F 8F 92 B7 DE-EF FA-FF |
| 02 | 18-1B 1E-1F 59 7C 92 BB-BD C6-C7 C9 D8-DD EE |
| 03 | 74-75 7A 7E 84-8A 8C 8E-A1 A3-CE D7 DA-E1 |
| 04 | 00-5F 90-C4 C7-C8 CB-CC D0-EB EE-F5 F8-F9 |
| 1E | 02-03 0A-0B 1E-1F 40-41 56-57 60-61 6A-6B 80-85 9B F2-F3 |
| 1F | 00-15 18-1D 20-45 48-4D 50-57 59 5B 5D 5F-7D 80-B4 B6-C4 C6-D3 D6-DB DD-EF F2-F4 F6-FE |
| 20 | 13-15 17-1E 20-22 26 30 32-33 39-3A 3C 3E |

| | |
|----|--|
| | 44 4A 7F 82 A3-A4 A7 AC AF |
| 21 | 05 16 22 26 5B-5E 90-95 A8 |
| 22 | 00 02-03 06 08-09 0F 11-12 19-1A 1E-1F 27-2B 48 59 60-61 64-65 82-83 95 97 |
| 23 | 02 10 20-21 29-2A |
| 25 | 00 02 0C 10 14 18 1C 24 2C 34 3C 50-6C 80 84 88 8C 90-93 A0 AC B2 BA BC C4 CA-CB D8-D9 |
| 26 | 3A-3C 40 42 60 63 65-66 6A-6B |
| FB | 01-02 |
| FF | FD |

A4.3 283 MES-3A

283 MES-3A consists of the following collections from A.1 above.

Collection number and name

| | |
|----|---|
| 1 | BASIC LATIN |
| 2 | LATIN-1 SUPPLEMENT |
| 3 | LATIN EXTENDED-A |
| 4 | LATIN EXTENDED-B |
| 5 | IPA EXTENSIONS |
| 6 | SPACING MODIFIER LETTERS |
| 7 | COMBINING DIACRITICAL MARKS |
| 8 | BASIC GREEK |
| 9 | GREEK SYMBOLS AND COPTIC |
| 10 | CYRILLIC |
| 11 | ARMENIAN |
| 27 | BASIC GEORGIAN |
| 30 | LATIN EXTENDED ADDITIONAL |
| 31 | GREEK EXTENDED |
| 32 | GENERAL PUNCTUATION |
| 33 | SUPERSCRIPTS AND SUBSCRIPTS |
| 34 | CURRENCY SYMBOLS |
| 35 | COMBINING DIACRITICAL MARKS FOR SYMBOLS |
| 36 | LETTERLIKE SYMBOLS |
| 37 | NUMBER FORMS |
| 38 | ARROWS |
| 39 | MATHEMATICAL OPERATORS |
| 40 | MISCELLANEOUS TECHNICAL |
| 42 | OPTICAL CHARACTER RECOGNITION |
| 44 | BOX DRAWING |
| 45 | BLOCK ELEMENTS |
| 46 | GEOMETRIC SHAPES |
| 47 | MISCELLANEOUS SYMBOLS |
| 63 | ALPHABETIC PRESENTATION FORMS |
| 65 | COMBINING HALF MARKS |
| 70 | SPECIALS |

A4.4 284 MES-3B

284 MES-3B is specified by the following ranges of code positions as indicated for each row.

Rows Positions (cells)

| | |
|----|--|
| 00 | 20-7E A0-FF |
| 01 | 00-FF |
| 02 | 00-1F 22-33 50-AD B0-EE |
| 03 | 00-4E 60-62 74-75 7A 7E 84-8A 8C 8E-A1 |

| | |
|----|--|
| | A3-CE D0-D7 DA-F3 |
| 04 | 00-86 88-89 8C-C4 C7-C8 CB-CC D0-F5 F8-F9 |
| 05 | 31-56 59-5F 61-87 89-8A |
| 10 | D0-F6 FB |
| 1E | 00-9B A0-F9 |
| 1F | 00-15 18-1D 20-45 48-4D 50-57 59 5B 5D 5F-7D 80-B4 B6-C4 C6-D3 D6-DB DD-EF F2-F4 F6-FE |
| 20 | 00-46 48-4D 6A-70 74-8E A0-AF D0-E3 |
| 21 | 00-3A 53-83 90-F3 |
| 22 | 00-F1 |
| 23 | 00-7B 7D-9A |
| 24 | 40-4A |
| 25 | 00-95 A0-F7 |
| 26 | 00-13 19-71 |
| FB | 00-06 13-17 |
| FE | 20-23 |
| FF | F9-FD |

Item 9. Annex A

Page 880, annex A.1

In the list of collection numbers and names, after

302 BMP SECOND EDITION

insert a paragraph with entries as follows:

The following collections contain characters both inside and outside the Basic Multilingual Plane.

| | |
|--------------------------------|------------------|
| 180 CJK UNIFIED IDEOGRAPHS ALL | 3400 - 4DBF |
| | 4E00 - 9FFF |
| | FA0E - FA0F |
| | FA11 |
| | FA13 - FA14 |
| | FA1F |
| | FA21 |
| | FA23 - FA24 |
| | FA27 - FA29 |
| | 20000 - 2A6DF |
| 10646 UNICODE | 0000 - FDCF * |
| | FDF0 - FFFD |
| | 10000 - 1FFFD |
| | 20000 - 2FFFFD |
| | E0000 - EFFFFD |
| | F0000 - FFFFFD |
| | 100000 - 10FFFFD |

Page 880, Annex A.1

In the list of collection numbers and names, after

91 TIBETAN

insert new entries as follows:

| | |
|---------------------------|-------------|
| 92 CYRILLIC SUPPLEMENTARY | 0500 - 052F |
| 93 TAGALOG | 1700 - 171F |
| 94 HANUNOO | 1720 - 173F |
| 95 BUHID | 1740 - 175F |
| 96 TAGBANWA | 1760 - 177F |

| | |
|------------------------------|-------------|
| 97 SUPPLEMENTAL ARROWS | 2900 - 297F |
| 98 MISCELLANEOUS | |
| MATHEMATICAL SYMBOLS | 2980 - 29FF |
| 99 SUPPLEMENTAL MATHEMATICAL | |
| OPERATORS | 2A00 - 2AFF |
| 100 KATAKANA PHONETIC | |
| EXTENSIONS | 31F0 - 31FF |
| 101 VARIATION SELECTORS | FE00 - FE0F |

Page 881, annex A.1

In the alphabetical list of keywords, add collection "97" to the entry "Arrows";

Add collection "93" to the entry "Cyrillic";

Add collection "100" to the entry "Katakana";

Add collection "99" to the entry "Mathematical operators".

In the alphabetical list of keywords, add collection "98" to the entry "Symbols".

In the alphabetical list of keywords, after

Braille patterns

insert

Buhid 95

After

Hangul

insert

Hanunoo 94

After

Mathematical operators

insert

Mathematical symbols 98

After

Syriac

insert

Tagalog 93

Tagbanwa 96

After

Tibetan

insert

Variation selectors 101

In the alphabetical list of keywords, add a tab between "Yi" and the collection numbers "76 77".

Page 880, Annex A.2

In the list of blocks in the BMP, after

CYRILLIC

insert a new entry as follows:

CYRILLIC SUPPLEMENTARY 0500 - 052F

In the list of blocks in the BMP, after

RUNIC

insert new entries as follows:

TAGALOG 1700 - 171F

HANUNOO 1720 - 173F

BUHID 1740 - 175F

TAGBANWA 1760 - 177F

In the list of blocks in the BMP, after

BRAILLE PATTERNS

insert a new entry as follows:

| | |
|-------------------------------------|-------------|
| SUPPLEMENTAL ARROWS | 2900 - 297F |
| MISCELLANEOUS | |
| MATHEMATICAL SYMBOLS | 2980 - 29FF |
| SUPPLEMENTAL MATHEMATICAL OPERATORS | 2A00 - 2AFF |

In the list of blocks in the BMP, after

BOPOMOFO EXTENDED

insert a new entry as follows:

| | |
|------------------------------|-------------|
| KATAKANA PHONETIC EXTENSIONS | 31F0 - 31FF |
|------------------------------|-------------|

In the list of blocks in the BMP, after

ARABIC PRESENTATION FORMS-B

insert a new entry as follows:

| | |
|---------------------|-------------|
| VARIATION SELECTORS | FE00 - FE0F |
|---------------------|-------------|

Item 10. Annex B

In B.1, List of all combining characters, after the entry 1059 MYANMAR VOWEL SIGN VOCALIC LL, insert new entries, as shown below:

| | |
|------|-----------------------|
| 1712 | TAGALOG VOWEL SIGN I |
| 1713 | TAGALOG VOWEL SIGN U |
| 1714 | TAGALOG VIRAMA |
| 1732 | HANUNOO VOWEL SIGN I |
| 1733 | HANUNOO VOWEL SIGN U |
| 1734 | HANUNOO PAMUDPOD |
| 1752 | BUHID VOWEL SIGN I |
| 1753 | BUHID VOWEL SIGN U |
| 1772 | TAGBANWA VOWEL SIGN I |
| 1773 | TAGBANWA VOWEL SIGN U |

Item 11. Annex G

Insert each of the new character name entries from Item 15 below at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex G.

[EDITOR'S NOTE - These additional character names will be generated and ordered automatically from the master names database maintained jointly by JTC1/SC2/WG2 and the Unicode Consortium.]

Item 12. Annex M

Add to Annex M the following references.

After ISO/IEC 10367:

ISO 10754:1984 *Information and documentation - Extension of the Cyrillic alphabet coded character set for non-Slavic languages for bibliographic information interchange*

After JIS X 0212-1990:

JIS X 0213:2000

After Roop 1972:

Santos, Hector. 1994. *The Tagalog script*. (Ancient Philippine Scripts Series; 1). Los Angeles: Sushi Dog Graphics.

Santos, Hector. 1995. *The living scripts*. (Ancient Philippine Scripts Series; 2). Los Angeles: Sushi Dog Graphics.

Item 13. Annex P

Insert the following entries in annex P.

03D8 GREEK LETTER ARCHAIC KOPPA

The name of this character distinguishes it from 03DE GREEK LETTER KOPPA, which is most commonly used with its numeric value, such as in the dating of legal documentation. GREEK LETTER ARCHAIC KOPPA is primarily used alphabetically to represent the letter used in early Greek inscriptions.

03D9 GREEK SMALL LETTER ARCHAIC KOPPA

The name of this character distinguishes it from 03DF GREEK SMALL LETTER KOPPA, which is most commonly used with its numeric value, such as in the dating of legal documentation. GREEK SMALL LETTER ARCHAIC KOPPA is primarily used alphabetically to represent the letter used in early Greek inscriptions.

Item 14. Annex S

Page 985, annex S

Modify the end of the first note to read:

- ~~CJK COMPATIBILITY IDEOGRAPHS (F900–FAFF with the exception of FA1F and FA23).~~
- CJK COMPATIBILITY IDEOGRAPHS (F900–FAFF with the exception of FA0E, FA0F, FA11, FA13, FA14, FA1F, FA21, FA23, FA24, FA27, FA28, and FA29).

Add the following paragraph and note at the end of clause S.1.6:

The source separation rule described in this clause does not apply to the CJK Unified Ideographs specified in the Supplementary Ideographic Plane.
































































































NOTE - The Supplementary Ideographic Plane is specified in ISO/IEC 10646-2 Supplementary Planes.

Item 15. Code tables and name lists

The following tables contain table numbers which do not, in most cases, correspond to those in ISO/IEC 10646:2000 or to the new tables added here in item 1 of this PDAM. Use the following table to match them up correctly. (This will be corrected in the FDAM.)

| <i>In the PDAM</i> | <i>In the Standard</i> | Table 146 | Table 136, Arabic Presentation Forms-A |
|--------------------|---|-----------|--|
| Table 8 | Table 9, Combining Diacritical Marks | Table 147 | Table 155, Variation Selectors |
| Table 9 | Table 10, Greek and Coptic | Table 149 | Table 138, CJK Compatibility Forms |
| Table 11 | Table 12, Cyrillic | | |
| Table 12 | Table 144, Cyrillic Supplementary | | |
| Table 18 | Table 18, Thaana | | |
| Table 47 | Table 145, Tagalog | | |
| Table 48 | Table 146, Hanunoo | | |
| Table 49 | Table 147, Buhid | | |
| Table 50 | Table 148, Tagbanwa | | |
| Table 51 | Table 47, Khmer | | |
| Table 57 | Table 53, General Punctuation | | |
| Table 58 | Table 54, Superscripts and Subscripts | | |
| Table 59 | Table 55, Currency Symbols | | |
| Table 60 | Table 56, Combining Diacritical Marks for Symbols | | |
| Table 61 | Table 57, Letterlike Symbols | | |
| Table 63 | Table 59, Arrows | | |
| Table 65 | Table 61, Mathematical Operators | | |
| Table 66 | Table 62, Miscellaneous Technical | | |
| Table 67 | Table 63, Miscellaneous Technical | | |
| Table 70 | Table 66, Enclosed Alphanumerics | | |
| Table 72 | Table 68, Block Elements | | |
| Table 73 | Table 69, Geometric Shapes | | |
| Table 74 | Table 70, Miscellaneous Symbols | | |
| Table 79 | Table 149, Supplemental Arrows | | |
| Table 80 | Table 150, Miscellaneous Mathematical Symbols | | |
| Table 81 | Table 151, Supplemental Mathematical Operators | | |
| Table 82 | Table 152, Supplemental Mathematical Operators | | |
| Table 87 | Table 79, CJK Symbols and Punctuation | | |
| Table 88 | Table 80, Hiragana | | |
| Table 89 | Table 81, Katakana | | |
| Table 94 | Table 153, Katakana Phonetic Extensions | | |
| Table 95 | Table 86, Enclosed CJK Letters and Months | | |
| Table 96 | Table 87, Enclosed CJK Letters and Months | | |
| Table 106 | Table 97, Yi Radicals | | |
| Table 140 | Table 131, CJK Compatibility Ideographs | | |
| Table 141 | Table 154, CJK Compatibility Ideographs | | |

Table 8 - Row 03: Combining Diacritical Marks

| | 030 | 031 | 032 | 033 | 034 | 035 | 036 |
|---|---|---|---|---|---|-----|---|
| 0 |  0300 |  0310 |  0320 |  0330 |  0340 | |  0360 |
| 1 |  0301 |  0311 |  0321 |  0331 |  0341 | |  0361 |
| 2 |  0302 |  0312 |  0322 |  0332 |  0342 | |  0362 |
| 3 |  0303 |  0313 |  0323 |  0333 |  0343 | |  0363 |
| 4 |  0304 |  0314 |  0324 |  0334 |  0344 | |  0364 |
| 5 |  0305 |  0315 |  0325 |  0335 |  0345 | |  0365 |
| 6 |  0306 |  0316 |  0326 |  0336 |  0346 | |  0366 |
| 7 |  0307 |  0317 |  0327 |  0337 |  0347 | |  0367 |
| 8 |  0308 |  0318 |  0328 |  0338 |  0348 | |  0368 |
| 9 |  0309 |  0319 |  0329 |  0339 |  0349 | |  0369 |
| A |  030A |  031A |  032A |  033A |  034A | |  036A |
| B |  030B |  031B |  032B |  033B |  034B | |  036B |
| C |  030C |  031C |  032C |  033C |  034C | |  036C |
| D |  030D |  031D |  032D |  033D |  034D | |  036D |
| E |  030E |  031E |  032E |  033E |  034E | |  036E |
| F |  030F |  031F |  032F |  033F | | |  036F |

G = 00
P = 00

Table 8 - Row 03: Combining Diacritical Marks

| HEX | NAME | HEX | NAME |
|------|--|------|---|
| 0300 | COMBINING GRAVE ACCENT (Varia) | 035D | (This position shall not be used) |
| 0301 | COMBINING ACUTE ACCENT (Oxia) | 035E | (This position shall not be used) |
| 0302 | COMBINING CIRCUMFLEX ACCENT | 035F | (This position shall not be used) |
| 0303 | COMBINING TILDE | 0360 | COMBINING DOUBLE TILDE |
| 0304 | COMBINING MACRON | 0361 | COMBINING DOUBLE INVERTED BREVE |
| 0305 | COMBINING OVERLINE | 0362 | COMBINING DOUBLE RIGHTWARDS ARROW BELOW |
| 0306 | COMBINING BREVE (Vrachy) | 0363 | COMBINING LATIN SMALL LETTER A |
| 0307 | COMBINING DOT ABOVE | 0364 | COMBINING LATIN SMALL LETTER E |
| 0308 | COMBINING DIAERESIS (Dialytika) | 0365 | COMBINING LATIN SMALL LETTER I |
| 0309 | COMBINING HOOK ABOVE | 0366 | COMBINING LATIN SMALL LETTER O |
| 030A | COMBINING RING ABOVE | 0367 | COMBINING LATIN SMALL LETTER U |
| 030B | COMBINING DOUBLE ACUTE ACCENT | 0368 | COMBINING LATIN SMALL LETTER C |
| 030C | COMBINING CARON | 0369 | COMBINING LATIN SMALL LETTER D |
| 030D | COMBINING VERTICAL LINE ABOVE (Tonos) | 036A | COMBINING LATIN SMALL LETTER H |
| 030E | COMBINING DOUBLE VERTICAL LINE ABOVE | 036B | COMBINING LATIN SMALL LETTER M |
| 030F | COMBINING DOUBLE GRAVE ACCENT | 036C | COMBINING LATIN SMALL LETTER R |
| 0310 | COMBINING CANDRABINDU | 036D | COMBINING LATIN SMALL LETTER T |
| 0311 | COMBINING INVERTED BREVE | 036E | COMBINING LATIN SMALL LETTER V |
| 0312 | COMBINING TURNED COMMA ABOVE | 036F | COMBINING LATIN SMALL LETTER X |
| 0313 | COMBINING COMMA ABOVE (Psili) | | |
| 0314 | COMBINING REVERSED COMMA ABOVE (Dasia) | | |
| 0315 | COMBINING COMMA ABOVE RIGHT | | |
| 0316 | COMBINING GRAVE ACCENT BELOW | | |
| 0317 | COMBINING ACUTE ACCENT BELOW | | |
| 0318 | COMBINING LEFT TACK BELOW | | |
| 0319 | COMBINING RIGHT TACK BELOW | | |
| 031A | COMBINING LEFT ANGLE ABOVE | | |
| 031B | COMBINING HORN | | |
| 031C | COMBINING LEFT HALF RING BELOW | | |
| 031D | COMBINING UP TACK BELOW | | |
| 031E | COMBINING DOWN TACK BELOW | | |
| 031F | COMBINING PLUS SIGN BELOW | | |
| 0320 | COMBINING MINUS SIGN BELOW | | |
| 0321 | COMBINING PALATALIZED HOOK BELOW | | |
| 0322 | COMBINING RETROFLEX HOOK BELOW | | |
| 0323 | COMBINING DOT BELOW | | |
| 0324 | COMBINING DIAERESIS BELOW | | |
| 0325 | COMBINING RING BELOW | | |
| 0326 | COMBINING COMMA BELOW | | |
| 0327 | COMBINING CEDILLA | | |
| 0328 | COMBINING OGONEK | | |
| 0329 | COMBINING VERTICAL LINE BELOW | | |
| 032A | COMBINING BRIDGE BELOW | | |
| 032B | COMBINING INVERTED DOUBLE ARCH BELOW | | |
| 032C | COMBINING CARON BELOW | | |
| 032D | COMBINING CIRCUMFLEX ACCENT BELOW | | |
| 032E | COMBINING BREVE BELOW | | |
| 032F | COMBINING INVERTED BREVE BELOW | | |
| 0330 | COMBINING TILDE BELOW | | |
| 0331 | COMBINING MACRON BELOW | | |
| 0332 | COMBINING LOW LINE | | |
| 0333 | COMBINING DOUBLE LOW LINE | | |
| 0334 | COMBINING TILDE OVERLAY | | |
| 0335 | COMBINING SHORT STROKE OVERLAY | | |
| 0336 | COMBINING LONG STROKE OVERLAY | | |
| 0337 | COMBINING SHORT SOLIDUS OVERLAY | | |
| 0338 | COMBINING LONG SOLIDUS OVERLAY | | |
| 0339 | COMBINING RIGHT HALF RING BELOW | | |
| 033A | COMBINING INVERTED BRIDGE BELOW | | |
| 033B | COMBINING SQUARE BELOW | | |
| 033C | COMBINING SEAGULL BELOW | | |
| 033D | COMBINING X ABOVE | | |
| 033E | COMBINING VERTICAL TILDE | | |
| 033F | COMBINING DOUBLE OVERLINE | | |
| 0340 | COMBINING GRAVE TONE MARK (Vietnamese) | | |
| 0341 | COMBINING ACUTE TONE MARK (Vietnamese) | | |
| 0342 | COMBINING GREEK PERISPOMENI | | |
| 0343 | COMBINING GREEK KORONIS | | |
| 0344 | COMBINING GREEK DIALYTIKA TONOS | | |
| 0345 | COMBINING GREEK YPOGEGRAMMENI | | |
| 0346 | COMBINING BRIDGE ABOVE | | |
| 0347 | COMBINING EQUALS SIGN BELOW | | |
| 0348 | COMBINING DOUBLE VERTICAL LINE BELOW | | |
| 0349 | COMBINING LEFT ANGLE BELOW | | |
| 034A | COMBINING NOT TILDE ABOVE | | |
| 034B | COMBINING HOMOTHETIC ABOVE | | |
| 034C | COMBINING ALMOST EQUAL TO ABOVE | | |
| 034D | COMBINING LEFT RIGHT ARROW BELOW | | |
| 034E | COMBINING UPWARDS ARROW BELOW | | |
| 034F | (This position shall not be used) | | |
| 0350 | (This position shall not be used) | | |
| 0351 | (This position shall not be used) | | |
| 0352 | (This position shall not be used) | | |
| 0353 | (This position shall not be used) | | |
| 0354 | (This position shall not be used) | | |
| 0355 | (This position shall not be used) | | |
| 0356 | (This position shall not be used) | | |
| 0357 | (This position shall not be used) | | |
| 0358 | (This position shall not be used) | | |
| 0359 | (This position shall not be used) | | |
| 035A | (This position shall not be used) | | |
| 035B | (This position shall not be used) | | |
| 035C | (This position shall not be used) | | |

Group 00

Plane 00

Row 03

Table 9 - Row 03: Greek and Coptic

| | 037 | 038 | 039 | 03A | 03B | 03C | 03D | 03E | 03F |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | | | í 0390 | Π 03A0 | ü 03B0 | π 03C0 | β 03D0 | ϣ 03E0 | κ 03F0 |
| 1 | | | Α 0391 | Ρ 03A1 | α 03B1 | ρ 03C1 | ϑ 03D1 | ϣ 03E1 | ϱ 03F1 |
| 2 | | | Β 0392 | | β 03B2 | ς 03C2 | Υ 03D2 | ϣ 03E2 | Ϸ 03F2 |
| 3 | | | Γ 0393 | Σ 03A3 | γ 03B3 | σ 03C3 | Υ 03D3 | ϣ 03E3 | ι 03F3 |
| 4 | ´ 0374 | ´ 0384 | Δ 0394 | Τ 03A4 | δ 03B4 | τ 03C4 | ÿ 03D4 | ϣ 03E4 | Θ 03F4 |
| 5 | ´ 0375 | ´ 0385 | Ε 0395 | Υ 03A5 | ε 03B5 | υ 03C5 | φ 03D5 | ϣ 03E5 | Ε 03F5 |
| 6 | | À 0386 | Ζ 0396 | Φ 03A6 | ζ 03B6 | φ 03C6 | ω 03D6 | ϣ 03E6 | Ε 03F6 |
| 7 | | · 0387 | Η 0397 | Χ 03A7 | η 03B7 | χ 03C7 | ϣ 03D7 | ϣ 03E7 | |
| 8 | | Έ 0388 | Θ 0398 | Ψ 03A8 | θ 03B8 | ψ 03C8 | Q 03D8 | ϣ 03E8 | |
| 9 | | Ή 0389 | Ι 0399 | Ω 03A9 | ι 03B9 | ω 03C9 | Q 03D9 | ϣ 03E9 | |
| A | ι 037A | Ι 038A | Κ 039A | Ϊ 03AA | κ 03BA | ϊ 03CA | Σ 03DA | Χ 03EA | |
| B | | | Λ 039B | ÿ 03AB | λ 03BB | ü 03CB | ς 03DB | ϣ 03EB | |
| C | | Ό 038C | Μ 039C | ά 03AC | μ 03BC | ό 03CC | Φ 03DC | ϣ 03EC | |
| D | | | Ν 039D | έ 03AD | ν 03BD | ύ 03CD | Φ 03DD | ϣ 03ED | |
| E | ; | Ύ 038E | Ξ 039E | ή 03AE | ξ 03BE | ώ 03CE | ϣ 03DE | ϣ 03EE | |
| F | | Ό 038F | Ο 039F | ί 03AF | ο 03BF | | ϣ 03DF | ϣ 03EF | |

G = 00
P = 00

Table 9 - Row 03: Greek and Coptic

| HEX | NAME | HEX | NAME |
|------|---|------|--|
| 0370 | (This position shall not be used) | 03CD | GREEK SMALL LETTER UPSILON WITH TONOS |
| 0371 | (This position shall not be used) | 03CE | GREEK SMALL LETTER OMEGA WITH TONOS |
| 0372 | (This position shall not be used) | 03CF | (This position shall not be used) |
| 0373 | (This position shall not be used) | 03D0 | GREEK BETA SYMBOL |
| 0374 | GREEK NUMERAL SIGN (Dexia keraia) | 03D1 | GREEK THETA SYMBOL |
| 0375 | GREEK LOWER NUMERAL SIGN (Aristeri keraia) | 03D2 | GREEK UPSILON WITH HOOK SYMBOL |
| 0376 | (This position shall not be used) | 03D3 | GREEK UPSILON WITH ACUTE AND HOOK SYMBOL |
| 0377 | (This position shall not be used) | 03D4 | GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL |
| 0378 | (This position shall not be used) | 03D5 | GREEK PHI SYMBOL |
| 0379 | (This position shall not be used) | 03D6 | GREEK PI SYMBOL |
| 037A | GREEK YPOGEGRAMMENI | 03D7 | GREEK KAI SYMBOL |
| 037B | (This position shall not be used) | 03D8 | GREEK LETTER ARCHAIC KOPPA * |
| 037C | (This position shall not be used) | 03D9 | GREEK SMALL LETTER ARCHAIC KOPPA * |
| 037D | (This position shall not be used) | 03DA | GREEK LETTER STIGMA |
| 037E | GREEK QUESTION MARK (Erotimătiko) | 03DB | GREEK SMALL LETTER STIGMA |
| 037F | (This position shall not be used) | 03DC | GREEK LETTER DIGAMMA |
| 0380 | (This position shall not be used) | 03DD | GREEK SMALL LETTER DIGAMMA |
| 0381 | (This position shall not be used) | 03DE | GREEK LETTER KOPPA |
| 0382 | (This position shall not be used) | 03DF | GREEK SMALL LETTER KOPPA |
| 0383 | (This position shall not be used) | 03E0 | GREEK LETTER SAMPI |
| 0384 | GREEK TONOS | 03E1 | GREEK SMALL LETTER SAMPI |
| 0385 | GREEK DIALYTIKA TONOS | 03E2 | COPTIC CAPITAL LETTER SHEI |
| 0386 | GREEK CAPITAL LETTER ALPHA WITH TONOS | 03E3 | COPTIC SMALL LETTER SHEI |
| 0387 | GREEK ANO TELEIA | 03E4 | COPTIC CAPITAL LETTER FEI |
| 0388 | GREEK CAPITAL LETTER EPSILON WITH TONOS | 03E5 | COPTIC SMALL LETTER FEI |
| 0389 | GREEK CAPITAL LETTER ETA WITH TONOS | 03E6 | COPTIC CAPITAL LETTER KHEI |
| 038A | GREEK CAPITAL LETTER IOTA WITH TONOS | 03E7 | COPTIC SMALL LETTER KHEI |
| 038B | (This position shall not be used) | 03E8 | COPTIC CAPITAL LETTER HORI |
| 038C | GREEK CAPITAL LETTER OMICRON WITH TONOS | 03E9 | COPTIC SMALL LETTER HORI |
| 038D | (This position shall not be used) | 03EA | COPTIC CAPITAL LETTER GANGIA |
| 038E | GREEK CAPITAL LETTER UPSILON WITH TONOS | 03EB | COPTIC SMALL LETTER GANGIA |
| 038F | GREEK CAPITAL LETTER OMEGA WITH TONOS | 03EC | COPTIC CAPITAL LETTER SHIMA |
| 0390 | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS | 03ED | COPTIC SMALL LETTER SHIMA |
| 0391 | GREEK CAPITAL LETTER ALPHA | 03EE | COPTIC CAPITAL LETTER DEI |
| 0392 | GREEK CAPITAL LETTER BETA | 03EF | COPTIC SMALL LETTER DEI |
| 0393 | GREEK CAPITAL LETTER GAMMA | 03F0 | GREEK KAPPA SYMBOL |
| 0394 | GREEK CAPITAL LETTER DELTA | 03F1 | GREEK RHO SYMBOL |
| 0395 | GREEK CAPITAL LETTER EPSILON | 03F2 | GREEK LUNATE SIGMA SYMBOL |
| 0396 | GREEK CAPITAL LETTER ZETA | 03F3 | GREEK LETTER YOT |
| 0397 | GREEK CAPITAL LETTER ETA | 03F4 | GREEK CAPITAL THETA SYMBOL |
| 0398 | GREEK CAPITAL LETTER THETA | 03F5 | GREEK LUNATE EPSILON SYMBOL |
| 0399 | GREEK CAPITAL LETTER IOTA | 03F6 | GREEK REVERSED LUNATE EPSILON SYMBOL |
| 039A | GREEK CAPITAL LETTER KAPPA | 03F7 | (This position shall not be used) |
| 039B | GREEK CAPITAL LETTER LAMDA | 03F8 | (This position shall not be used) |
| 039C | GREEK CAPITAL LETTER MU | 03F9 | (This position shall not be used) |
| 039D | GREEK CAPITAL LETTER NU | 03FA | (This position shall not be used) |
| 039E | GREEK CAPITAL LETTER XI | 03FB | (This position shall not be used) |
| 039F | GREEK CAPITAL LETTER OMICRON | 03FC | (This position shall not be used) |
| 03A0 | GREEK CAPITAL LETTER PI | 03FD | (This position shall not be used) |
| 03A1 | GREEK CAPITAL LETTER RHO | 03FE | (This position shall not be used) |
| 03A2 | (This position shall not be used) | 03FF | (This position shall not be used) |
| 03A3 | GREEK CAPITAL LETTER SIGMA | | |
| 03A4 | GREEK CAPITAL LETTER TAU | | |
| 03A5 | GREEK CAPITAL LETTER UPSILON | | |
| 03A6 | GREEK CAPITAL LETTER PHI | | |
| 03A7 | GREEK CAPITAL LETTER CHI | | |
| 03A8 | GREEK CAPITAL LETTER PSI | | |
| 03A9 | GREEK CAPITAL LETTER OMEGA | | |
| 03AA | GREEK CAPITAL LETTER IOTA WITH DIALYTIKA | | |
| 03AB | GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA | | |
| 03AC | GREEK SMALL LETTER ALPHA WITH TONOS | | |
| 03AD | GREEK SMALL LETTER EPSILON WITH TONOS | | |
| 03AE | GREEK SMALL LETTER ETA WITH TONOS | | |
| 03AF | GREEK SMALL LETTER IOTA WITH TONOS | | |
| 03B0 | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS | | |
| 03B1 | GREEK SMALL LETTER ALPHA | | |
| 03B2 | GREEK SMALL LETTER BETA | | |
| 03B3 | GREEK SMALL LETTER GAMMA | | |
| 03B4 | GREEK SMALL LETTER DELTA | | |
| 03B5 | GREEK SMALL LETTER EPSILON | | |
| 03B6 | GREEK SMALL LETTER ZETA | | |
| 03B7 | GREEK SMALL LETTER ETA | | |
| 03B8 | GREEK SMALL LETTER THETA | | |
| 03B9 | GREEK SMALL LETTER IOTA | | |
| 03BA | GREEK SMALL LETTER KAPPA | | |
| 03BB | GREEK SMALL LETTER LAMDA | | |
| 03BC | GREEK SMALL LETTER MU | | |
| 03BD | GREEK SMALL LETTER NU | | |
| 03BE | GREEK SMALL LETTER XI | | |
| 03BF | GREEK SMALL LETTER OMICRON | | |
| 03C0 | GREEK SMALL LETTER PI | | |
| 03C1 | GREEK SMALL LETTER RHO | | |
| 03C2 | GREEK SMALL LETTER FINAL SIGMA | | |
| 03C3 | GREEK SMALL LETTER SIGMA | | |
| 03C4 | GREEK SMALL LETTER TAU | | |
| 03C5 | GREEK SMALL LETTER UPSILON | | |
| 03C6 | GREEK SMALL LETTER PHI | | |
| 03C7 | GREEK SMALL LETTER CHI | | |
| 03C8 | GREEK SMALL LETTER PSI | | |
| 03C9 | GREEK SMALL LETTER OMEGA | | |
| 03CA | GREEK SMALL LETTER IOTA WITH DIALYTIKA | | |
| 03CB | GREEK SMALL LETTER UPSILON WITH DIALYTIKA | | |
| 03CC | GREEK SMALL LETTER OMICRON WITH TONOS | | |

Group 00

Plane 00

Row 03

Table 11 - Row 04: Cyrillic

| | 048 | 049 | 04A | 04B | 04C | 04D | 04E | 04F |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | Ѐ 0480 | Ґ 0490 | Ҁ 04A0 | ҁ 04B0 | І 04C0 | Ӑ 04D0 | Ӓ 04E0 | Ӕ 04F0 |
| 1 | ҃ 0481 | ҄ 0491 | ҅ 04A1 | ҆ 04B1 | ҇ 04C1 | ҈ 04D1 | ҉ 04E1 | Ҋ 04F1 |
| 2 | ҋ 0482 | Ҍ 0492 | ҍ 04A2 | Ҏ 04B2 | ҏ 04C2 | Ґ 04D2 | ґ 04E2 | ҕ 04F2 |
| 3 | ґ 0483 | Җ 0493 | җ 04A3 | Ҙ 04B3 | Ҝ 04C3 | Ҟ 04D3 | Ҡ 04E3 | Ң 04F3 |
| 4 | Ң 0484 | Ҥ 0494 | ҥ 04A4 | Ҧ 04B4 | ҧ 04C4 | Ҩ 04D4 | ҩ 04E4 | Ҫ 04F4 |
| 5 | Ҫ 0485 | ҫ 0495 | Ҭ 04A5 | ҭ 04B5 | Ү 04C5 | Ұ 04D5 | Ҳ 04E5 | Ҵ 04F5 |
| 6 | Ҵ 0486 | ҵ 0496 | Ү 04A6 | Ҹ 04B6 | ҹ 04C6 | Һ 04D6 | һ 04E6 | |
| 7 | | ҽ 0497 | ҿ 04A7 | Ҿ 04B7 | ҿ 04C7 | Ҽ 04D7 | ҽ 04E7 | |
| 8 | Ҿ 0488 | ҿ 0498 | Ұ 04A8 | Ҳ 04B8 | Ҵ 04C8 | Ҷ 04D8 | Ҹ 04E8 | Ҽ 04F8 |
| 9 | Ҽ 0489 | ҽ 0499 | Ҷ 04A9 | Ҹ 04B9 | Ҽ 04C9 | Ҷ 04D9 | Ҹ 04E9 | Ҽ 04F9 |
| A | Ҽ 048A | ҽ 049A | Ҷ 04AA | Ҹ 04BA | Ҽ 04CA | Ҷ 04DA | Ҹ 04EA | |
| B | Ҽ 048B | ҽ 049B | Ҷ 04AB | Ҹ 04BB | Ҽ 04CB | Ҷ 04DB | Ҹ 04EB | |
| C | Ҽ 048C | ҽ 049C | Ҷ 04AC | Ҹ 04BC | Ҽ 04CC | Ҷ 04DC | Ҹ 04EC | |
| D | Ҽ 048D | ҽ 049D | Ҷ 04AD | Ҹ 04BD | Ҽ 04CD | Ҷ 04DD | Ҹ 04ED | |
| E | Ҽ 048E | ҽ 049E | Ҷ 04AE | Ҹ 04BE | Ҽ 04CE | Ҷ 04DE | Ҹ 04EE | |
| F | Ҽ 048F | ҽ 049F | Ҷ 04AF | Ҹ 04BF | | Ҽ 04DF | Ҹ 04EF | |

G = 00
P = 00

Table 11 - Row 04: Cyrillic

| HEX | NAME | HEX | NAME |
|------|---|------|---|
| 0480 | CYRILLIC CAPITAL LETTER KOPPA | 04DD | CYRILLIC SMALL LETTER ZHE WITH DIAERESIS |
| 0481 | CYRILLIC SMALL LETTER KOPPA | 04DE | CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS |
| 0482 | CYRILLIC THOUSANDS SIGN | 04DF | CYRILLIC SMALL LETTER ZE WITH DIAERESIS |
| 0483 | COMBINING CYRILLIC TITLO | 04E0 | CYRILLIC CAPITAL LETTER ABKHASIAN DZE |
| 0484 | COMBINING CYRILLIC PALATALIZATION | 04E1 | CYRILLIC SMALL LETTER ABKHASIAN DZE |
| 0485 | COMBINING CYRILLIC DASIA PNEUMATA | 04E2 | CYRILLIC CAPITAL LETTER I WITH MACRON |
| 0486 | COMBINING CYRILLIC PSILI PNEUMATA | 04E3 | CYRILLIC SMALL LETTER I WITH MACRON |
| 0487 | (This position shall not be used) | 04E4 | CYRILLIC CAPITAL LETTER I WITH DIAERESIS |
| 0488 | COMBINING CYRILLIC HUNDRED THOUSANDS SIGN | 04E5 | CYRILLIC SMALL LETTER I WITH DIAERESIS |
| 0489 | COMBINING CYRILLIC MILLIONS SIGN | 04E6 | CYRILLIC CAPITAL LETTER O WITH DIAERESIS |
| 048A | CYRILLIC CAPITAL LETTER SHORT I WITH TAIL | 04E7 | CYRILLIC SMALL LETTER O WITH DIAERESIS |
| 048B | CYRILLIC SMALL LETTER SHORT I WITH TAIL | 04E8 | CYRILLIC CAPITAL LETTER BARRED O |
| 048C | CYRILLIC CAPITAL LETTER SEMISOFT SIGN | 04E9 | CYRILLIC SMALL LETTER BARRED O |
| 048D | CYRILLIC SMALL LETTER SEMISOFT SIGN | 04EA | CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS |
| 048E | CYRILLIC CAPITAL LETTER ER WITH TICK | 04EB | CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS |
| 048F | CYRILLIC SMALL LETTER ER WITH TICK | 04EC | CYRILLIC CAPITAL LETTER E WITH DIAERESIS |
| 0490 | CYRILLIC CAPITAL LETTER GHE WITH UPTURN | 04ED | CYRILLIC SMALL LETTER E WITH DIAERESIS |
| 0491 | CYRILLIC SMALL LETTER GHE WITH UPTURN | 04EE | CYRILLIC CAPITAL LETTER U WITH MACRON |
| 0492 | CYRILLIC CAPITAL LETTER GHE WITH STROKE | 04EF | CYRILLIC SMALL LETTER U WITH MACRON |
| 0493 | CYRILLIC SMALL LETTER GHE WITH STROKE | 04F0 | CYRILLIC CAPITAL LETTER U WITH DIAERESIS |
| 0494 | CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK | 04F1 | CYRILLIC SMALL LETTER U WITH DIAERESIS |
| 0495 | CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK | 04F2 | CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE |
| 0496 | CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER | 04F3 | CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE |
| 0497 | CYRILLIC SMALL LETTER ZHE WITH DESCENDER | 04F4 | CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS |
| 0498 | CYRILLIC CAPITAL LETTER ZE WITH DESCENDER | 04F5 | CYRILLIC SMALL LETTER CHE WITH DIAERESIS |
| 0499 | CYRILLIC SMALL LETTER ZE WITH DESCENDER | 04F6 | (This position shall not be used) |
| 049A | CYRILLIC CAPITAL LETTER KA WITH DESCENDER | 04F7 | (This position shall not be used) |
| 049B | CYRILLIC SMALL LETTER KA WITH DESCENDER | 04F8 | CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS |
| 049C | CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE | 04F9 | CYRILLIC SMALL LETTER YERU WITH DIAERESIS |
| 049D | CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE | 04FA | (This position shall not be used) |
| 049E | CYRILLIC CAPITAL LETTER KA WITH STROKE | 04FB | (This position shall not be used) |
| 049F | CYRILLIC SMALL LETTER KA WITH STROKE | 04FC | (This position shall not be used) |
| 04A0 | CYRILLIC CAPITAL LETTER BASHKIR KA | 04FD | (This position shall not be used) |
| 04A1 | CYRILLIC SMALL LETTER BASHKIR KA | 04FE | (This position shall not be used) |
| 04A2 | CYRILLIC CAPITAL LETTER EN WITH DESCENDER | 04FF | (This position shall not be used) |
| 04A3 | CYRILLIC SMALL LETTER EN WITH DESCENDER | | |
| 04A4 | CYRILLIC CAPITAL LIGATURE EN GHE | | |
| 04A5 | CYRILLIC SMALL LIGATURE EN GHE | | |
| 04A6 | CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK (Abkhasian) | | |
| 04A7 | CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK (Abkhasian) | | |
| 04A8 | CYRILLIC CAPITAL LETTER ABKHASIAN HA | | |
| 04A9 | CYRILLIC SMALL LETTER ABKHASIAN HA | | |
| 04AA | CYRILLIC CAPITAL LETTER ES WITH DESCENDER | | |
| 04AB | CYRILLIC SMALL LETTER ES WITH DESCENDER | | |
| 04AC | CYRILLIC CAPITAL LETTER TE WITH DESCENDER | | |
| 04AD | CYRILLIC SMALL LETTER TE WITH DESCENDER | | |
| 04AE | CYRILLIC CAPITAL LETTER STRAIGHT U | | |
| 04AF | CYRILLIC SMALL LETTER STRAIGHT U | | |
| 04B0 | CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE | | |
| 04B1 | CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE | | |
| 04B2 | CYRILLIC CAPITAL LETTER HA WITH DESCENDER | | |
| 04B3 | CYRILLIC SMALL LETTER HA WITH DESCENDER | | |
| 04B4 | CYRILLIC CAPITAL LIGATURE TE TSE (Abkhasian) | | |
| 04B5 | CYRILLIC SMALL LIGATURE TE TSE (Abkhasian) | | |
| 04B6 | CYRILLIC CAPITAL LETTER CHE WITH DESCENDER | | |
| 04B7 | CYRILLIC SMALL LETTER CHE WITH DESCENDER | | |
| 04B8 | CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE | | |
| 04B9 | CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE | | |
| 04BA | CYRILLIC CAPITAL LETTER SHHA | | |
| 04BB | CYRILLIC SMALL LETTER SHHA | | |
| 04BC | CYRILLIC CAPITAL LETTER ABKHASIAN CHE | | |
| 04BD | CYRILLIC SMALL LETTER ABKHASIAN CHE | | |
| 04BE | CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER | | |
| 04BF | CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER | | |
| 04C0 | CYRILLIC LETTER PALOCHKA | | |
| 04C1 | CYRILLIC CAPITAL LETTER ZHE WITH BREVE | | |
| 04C2 | CYRILLIC SMALL LETTER ZHE WITH BREVE | | |
| 04C3 | CYRILLIC CAPITAL LETTER KA WITH HOOK | | |
| 04C4 | CYRILLIC SMALL LETTER KA WITH HOOK | | |
| 04C5 | CYRILLIC CAPITAL LETTER EL WITH TAIL | | |
| 04C6 | CYRILLIC SMALL LETTER EL WITH TAIL | | |
| 04C7 | CYRILLIC CAPITAL LETTER EN WITH HOOK | | |
| 04C8 | CYRILLIC SMALL LETTER EN WITH HOOK | | |
| 04C9 | CYRILLIC CAPITAL LETTER EN WITH TAIL | | |
| 04CA | CYRILLIC SMALL LETTER EN WITH TAIL | | |
| 04CB | CYRILLIC CAPITAL LETTER KHAKASSIAN CHE | | |
| 04CC | CYRILLIC SMALL LETTER KHAKASSIAN CHE | | |
| 04CD | CYRILLIC CAPITAL LETTER EM WITH TAIL | | |
| 04CE | CYRILLIC SMALL LETTER EM WITH TAIL | | |
| 04CF | (This position shall not be used) | | |
| 04D0 | CYRILLIC CAPITAL LETTER A WITH BREVE | | |
| 04D1 | CYRILLIC SMALL LETTER A WITH BREVE | | |
| 04D2 | CYRILLIC CAPITAL LETTER A WITH DIAERESIS | | |
| 04D3 | CYRILLIC SMALL LETTER A WITH DIAERESIS | | |
| 04D4 | CYRILLIC CAPITAL LIGATURE A IE | | |
| 04D5 | CYRILLIC SMALL LIGATURE A IE | | |
| 04D6 | CYRILLIC CAPITAL LETTER IE WITH BREVE | | |
| 04D7 | CYRILLIC SMALL LETTER IE WITH BREVE | | |
| 04D8 | CYRILLIC CAPITAL LETTER SCHWA | | |
| 04D9 | CYRILLIC SMALL LETTER SCHWA | | |
| 04DA | CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS | | |
| 04DB | CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS | | |
| 04DC | CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS | | |

Group 00

Plane 00

Row 04

Table 12 - Row 05: Cyrillic Supplement

| | 050 | 051 | 052 |
|---|-----------|-----|-----|
| 0 | ᐃ 0500 | | |
| 1 | ᐅ 0501 | | |
| 2 | ᐇ 0502 | | |
| 3 | ᐈ 0503 | | |
| 4 | ᐊ 0504 | | |
| 5 | ᐋ 0505 | | |
| 6 | ᐌ 0506 | | |
| 7 | ᐍ 0507 | | |
| 8 | ᐎ 0508 | | |
| 9 | ᐏ 0509 | | |
| A | ᐐ 050A | | |
| B | ᐑ 050B | | |
| C | ᐒ 050C | | |
| D | ᐓ 050D | | |
| E | ᐔ 050E | | |
| F | ᐕ 050F | | |

G = 00
P = 00

Table 12 - Row 05: Cyrillic Supplement



















































| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 0500 | CYRILLIC CAPITAL LETTER KOMI DE | | |
| 0501 | CYRILLIC SMALL LETTER KOMI DE | | |
| 0502 | CYRILLIC CAPITAL LETTER KOMI DJE | | |
| 0503 | CYRILLIC SMALL LETTER KOMI DJE | | |
| 0504 | CYRILLIC CAPITAL LETTER KOMI ZJE | | |
| 0505 | CYRILLIC SMALL LETTER KOMI ZJE | | |
| 0506 | CYRILLIC CAPITAL LETTER KOMI DZJE | | |
| 0507 | CYRILLIC SMALL LETTER KOMI DZJE | | |
| 0508 | CYRILLIC CAPITAL LETTER KOMI LJE | | |
| 0509 | CYRILLIC SMALL LETTER KOMI LJE | | |
| 050A | CYRILLIC CAPITAL LETTER KOMI NJE | | |
| 050B | CYRILLIC SMALL LETTER KOMI NJE | | |
| 050C | CYRILLIC CAPITAL LETTER KOMI SJE | | |
| 050D | CYRILLIC SMALL LETTER KOMI SJE | | |
| 050E | CYRILLIC CAPITAL LETTER KOMI TJE | | |
| 050F | CYRILLIC SMALL LETTER KOMI TJE | | |
| 0510 | (This position shall not be used) | | |
| 0511 | (This position shall not be used) | | |
| 0512 | (This position shall not be used) | | |
| 0513 | (This position shall not be used) | | |
| 0514 | (This position shall not be used) | | |
| 0515 | (This position shall not be used) | | |
| 0516 | (This position shall not be used) | | |
| 0517 | (This position shall not be used) | | |
| 0518 | (This position shall not be used) | | |
| 0519 | (This position shall not be used) | | |
| 051A | (This position shall not be used) | | |
| 051B | (This position shall not be used) | | |
| 051C | (This position shall not be used) | | |
| 051D | (This position shall not be used) | | |
| 051E | (This position shall not be used) | | |
| 051F | (This position shall not be used) | | |
| 0520 | (This position shall not be used) | | |
| 0521 | (This position shall not be used) | | |
| 0522 | (This position shall not be used) | | |
| 0523 | (This position shall not be used) | | |
| 0524 | (This position shall not be used) | | |
| 0525 | (This position shall not be used) | | |
| 0526 | (This position shall not be used) | | |
| 0527 | (This position shall not be used) | | |
| 0528 | (This position shall not be used) | | |
| 0529 | (This position shall not be used) | | |
| 052A | (This position shall not be used) | | |
| 052B | (This position shall not be used) | | |
| 052C | (This position shall not be used) | | |
| 052D | (This position shall not be used) | | |
| 052E | (This position shall not be used) | | |
| 052F | (This position shall not be used) | | |

Group 00

Plane 00

Row 05

Table 18 - Row 07: Thaana

| | 078 | 079 | 07A | 07B |
|---|---|---|---|---|
| 0 |  0780 |  0790 |  07A0 |  07B0 |
| 1 |  0781 |  0791 |  07A1 |  07B1 |
| 2 |  0782 |  0792 |  07A2 | |
| 3 |  0783 |  0793 |  07A3 | |
| 4 |  0784 |  0794 |  07A4 | |
| 5 |  0785 |  0795 |  07A5 | |
| 6 |  0786 |  0796 |  07A6 | |
| 7 |  0787 |  0797 |  07A7 | |
| 8 |  0788 |  0798 |  07A8 | |
| 9 |  0789 |  0799 |  07A9 | |
| A |  078A |  079A |  07AA | |
| B |  078B |  079B |  07AB | |
| C |  078C |  079C |  07AC | |
| D |  078D |  079D |  07AD | |
| E |  078E |  079E |  07AE | |
| F |  078F |  079F |  07AF | |

G = 00
P = 00

Table 18 - Row 07: Thaana





















| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 0780 | THAANA LETTER HAA | | |
| 0781 | THAANA LETTER SHAVIYANI | | |
| 0782 | THAANA LETTER NOONU | | |
| 0783 | THAANA LETTER RAA | | |
| 0784 | THAANA LETTER BAA | | |
| 0785 | THAANA LETTER LHAVIYANI | | |
| 0786 | THAANA LETTER KAAFU | | |
| 0787 | THAANA LETTER ALIFU | | |
| 0788 | THAANA LETTER VAAVU | | |
| 0789 | THAANA LETTER MEEMU | | |
| 078A | THAANA LETTER FAFU | | |
| 078B | THAANA LETTER DHAALU | | |
| 078C | THAANA LETTER THAA | | |
| 078D | THAANA LETTER LAAMU | | |
| 078E | THAANA LETTER GAAFU | | |
| 078F | THAANA LETTER GNAVIYANI | | |
| 0790 | THAANA LETTER SEENU | | |
| 0791 | THAANA LETTER DAVIYANI | | |
| 0792 | THAANA LETTER ZAVIYANI | | |
| 0793 | THAANA LETTER TAVIYANI | | |
| 0794 | THAANA LETTER YAA | | |
| 0795 | THAANA LETTER PAVIYANI | | |
| 0796 | THAANA LETTER JAVIYANI | | |
| 0797 | THAANA LETTER CHAVIYANI | | |
| 0798 | THAANA LETTER TTAA | | |
| 0799 | THAANA LETTER HHAA | | |
| 079A | THAANA LETTER KHAA | | |
| 079B | THAANA LETTER THAALU | | |
| 079C | THAANA LETTER ZAA | | |
| 079D | THAANA LETTER SHEENU | | |
| 079E | THAANA LETTER SAADHU | | |
| 079F | THAANA LETTER DAADHU | | |
| 07A0 | THAANA LETTER TO | | |
| 07A1 | THAANA LETTER ZO | | |
| 07A2 | THAANA LETTER AINU | | |
| 07A3 | THAANA LETTER GHAINU | | |
| 07A4 | THAANA LETTER QAAFU | | |
| 07A5 | THAANA LETTER WAAVU | | |
| 07A6 | THAANA ABAFILI | | |
| 07A7 | THAANA ABAAFILI | | |
| 07A8 | THAANA IBIFILI | | |
| 07A9 | THAANA EEBEEFILI | | |
| 07AA | THAANA UBUFILI | | |
| 07AB | THAANA OBOOFILI | | |
| 07AC | THAANA EBEFILI | | |
| 07AD | THAANA EYBEYFILI | | |
| 07AE | THAANA OBOFILI | | |
| 07AF | THAANA OABOAFILI | | |
| 07B0 | THAANA SUKUN | | |
| 07B1 | THAANA LETTER NAA | | |
| 07B2 | (This position shall not be used) | | |
| 07B3 | (This position shall not be used) | | |
| 07B4 | (This position shall not be used) | | |
| 07B5 | (This position shall not be used) | | |
| 07B6 | (This position shall not be used) | | |
| 07B7 | (This position shall not be used) | | |
| 07B8 | (This position shall not be used) | | |
| 07B9 | (This position shall not be used) | | |
| 07BA | (This position shall not be used) | | |
| 07BB | (This position shall not be used) | | |
| 07BC | (This position shall not be used) | | |
| 07BD | (This position shall not be used) | | |
| 07BE | (This position shall not be used) | | |
| 07BF | (This position shall not be used) | | |

Group 00

Plane 00

Row 07

Table 47 - Row 17: Tagalog

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

G = 00
P = 00

Table 47 - Row 17: Tagalog
























| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 1700 | TAGALOG LETTER A | | |
| 1701 | TAGALOG LETTER I | | |
| 1702 | TAGALOG LETTER U | | |
| 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 | (This position shall not be used) | | |
| 170E | TAGALOG LETTER LA | | |
| 170F | TAGALOG LETTER WA | | |
| 1710 | TAGALOG LETTER SA | | |
| 1711 | TAGALOG LETTER HA | | |
| 1712 | TAGALOG VOWEL SIGN I | | |
| 1713 | TAGALOG VOWEL SIGN U | | |
| 1714 | TAGALOG SIGN VIRAMA | | |
| 1715 | (This position shall not be used) | | |
| 1716 | (This position shall not be used) | | |
| 1717 | (This position shall not be used) | | |
| 1718 | (This position shall not be used) | | |
| 1719 | (This position shall not be used) | | |
| 171A | (This position shall not be used) | | |
| 171B | (This position shall not be used) | | |
| 171C | (This position shall not be used) | | |
| 171D | (This position shall not be used) | | |
| 171E | (This position shall not be used) | | |
| 171F | (This position shall not be used) | | |

Group 00

Plane 00

Row 17

Table 48 - Row 17: Hanunoo

| | 172 | 173 |
|---|---|---|
| 0 |  1720 |  1730 |
| 1 |  1721 |  1731 |
| 2 |  1722 |  1732 |
| 3 |  1723 |  1733 |
| 4 |  1724 |  1734 |
| 5 |  1725 |  1735 |
| 6 |  1726 |  1736 |
| 7 |  1727 | |
| 8 |  1728 | |
| 9 |  1729 | |
| A |  172A | |
| B |  172B | |
| C |  172C | |
| D |  172D | |
| E |  172E | |
| F |  172F | |

G = 00
P = 00

Table 48 - Row 17: Hanunoo





















| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 1720 | HANUNOO LETTER A | | |
| 1721 | HANUNOO LETTER I | | |
| 1722 | HANUNOO LETTER U | | |
| 1723 | HANUNOO LETTER KA | | |
| 1724 | HANUNOO LETTER GA | | |
| 1725 | HANUNOO LETTER NGA | | |
| 1726 | HANUNOO LETTER TA | | |
| 1727 | HANUNOO LETTER DA | | |
| 1728 | HANUNOO LETTER NA | | |
| 1729 | HANUNOO LETTER PA | | |
| 172A | HANUNOO LETTER BA | | |
| 172B | HANUNOO LETTER MA | | |
| 172C | HANUNOO LETTER YA | | |
| 172D | HANUNOO LETTER RA | | |
| 172E | HANUNOO LETTER LA | | |
| 172F | HANUNOO LETTER WA | | |
| 1730 | HANUNOO LETTER SA | | |
| 1731 | HANUNOO LETTER HA | | |
| 1732 | HANUNOO VOWEL SIGN I | | |
| 1733 | HANUNOO VOWEL SIGN U | | |
| 1734 | HANUNOO SIGN PAMUDPOD | | |
| 1735 | PHILIPPINE SINGLE PUNCTUATION | | |
| 1736 | PHILIPPINE DOUBLE PUNCTUATION | | |
| 1737 | (This position shall not be used) | | |
| 1738 | (This position shall not be used) | | |
| 1739 | (This position shall not be used) | | |
| 173A | (This position shall not be used) | | |
| 173B | (This position shall not be used) | | |
| 173C | (This position shall not be used) | | |
| 173D | (This position shall not be used) | | |
| 173E | (This position shall not be used) | | |
| 173F | (This position shall not be used) | | |

Group 00

Plane 00

Row 17

Table 49 - Row 17: Buhid

| | 174 | 175 |
|---|---|---|
| 0 |  1740 |  1750 |
| 1 |  1741 |  1751 |
| 2 |  1742 |  1752 |
| 3 |  1743 |  1753 |
| 4 |  1744 | |
| 5 |  1745 | |
| 6 |  1746 | |
| 7 |  1747 | |
| 8 |  1748 | |
| 9 |  1749 | |
| A |  174A | |
| B |  174B | |
| C |  174C | |
| D |  174D | |
| E |  174E | |
| F |  174F | |

G = 00
P = 00

Table 49 - Row 17: Buhid



















| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 1740 | BUHID LETTER A | | |
| 1741 | BUHID LETTER I | | |
| 1742 | BUHID LETTER U | | |
| 1743 | BUHID LETTER KA | | |
| 1744 | BUHID LETTER GA | | |
| 1745 | BUHID LETTER NGA | | |
| 1746 | BUHID LETTER TA | | |
| 1747 | BUHID LETTER DA | | |
| 1748 | BUHID LETTER NA | | |
| 1749 | BUHID LETTER PA | | |
| 174A | BUHID LETTER BA | | |
| 174B | BUHID LETTER MA | | |
| 174C | BUHID LETTER YA | | |
| 174D | BUHID LETTER RA | | |
| 174E | BUHID LETTER LA | | |
| 174F | BUHID LETTER WA | | |
| 1750 | BUHID LETTER SA | | |
| 1751 | BUHID LETTER HA | | |
| 1752 | BUHID VOWEL SIGN I | | |
| 1753 | BUHID VOWEL SIGN U | | |
| 1754 | (This position shall not be used) | | |
| 1755 | (This position shall not be used) | | |
| 1756 | (This position shall not be used) | | |
| 1757 | (This position shall not be used) | | |
| 1758 | (This position shall not be used) | | |
| 1759 | (This position shall not be used) | | |
| 175A | (This position shall not be used) | | |
| 175B | (This position shall not be used) | | |
| 175C | (This position shall not be used) | | |
| 175D | (This position shall not be used) | | |
| 175E | (This position shall not be used) | | |
| 175F | (This position shall not be used) | | |

Group 00

Plane 00

Row 17

Table 50 - Row 17: Tagbanwa

| | 176 | 177 |
|---|---|---|
| 0 |  1760 |  1770 |
| 1 |  1761 | |
| 2 |  1762 |  1772 |
| 3 |  1763 |  1773 |
| 4 |  1764 | |
| 5 |  1765 | |
| 6 |  1766 | |
| 7 |  1767 | |
| 8 |  1768 | |
| 9 |  1769 | |
| A |  176A | |
| B |  176B | |
| C |  176C | |
| D | | |
| E |  176E | |
| F |  176F | |

G = 00
P = 00

Table 50 - Row 17: Tagbanwa

| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 1760 | TAGBANWA LETTER A | | |
| 1761 | TAGBANWA LETTER I | | |
| 1762 | TAGBANWA LETTER U | | |
| 1763 | TAGBANWA LETTER KA | | |
| 1764 | TAGBANWA LETTER GA | | |
| 1765 | TAGBANWA LETTER NGA | | |
| 1766 | TAGBANWA LETTER TA | | |
| 1767 | TAGBANWA LETTER DA | | |
| 1768 | TAGBANWA LETTER NA | | |
| 1769 | TAGBANWA LETTER PA | | |
| 176A | TAGBANWA LETTER BA | | |
| 176B | TAGBANWA LETTER MA | | |
| 176C | TAGBANWA LETTER YA | | |
| 176D | (This position shall not be used) | | |
| 176E | TAGBANWA LETTER LA | | |
| 176F | TAGBANWA LETTER WA | | |
| 1770 | TAGBANWA LETTER SA | | |
| 1771 | (This position shall not be used) | | |
| 1772 | TAGBANWA VOWEL SIGN I | | |
| 1773 | TAGBANWA VOWEL SIGN U | | |
| 1774 | (This position shall not be used) | | |
| 1775 | (This position shall not be used) | | |
| 1776 | (This position shall not be used) | | |
| 1777 | (This position shall not be used) | | |
| 1778 | (This position shall not be used) | | |
| 1779 | (This position shall not be used) | | |
| 177A | (This position shall not be used) | | |
| 177B | (This position shall not be used) | | |
| 177C | (This position shall not be used) | | |
| 177D | (This position shall not be used) | | |
| 177E | (This position shall not be used) | | |
| 177F | (This position shall not be used) | | |

Group 00

Plane 00

Row 17

Table 51 - Row 17: Khmer

| | 178 | 179 | 17A | 17B | 17C | 17D | 17E | 17F |
|---|-----------|-----------|-------------|-----------|-----------|-------------|-----------|-----|
| 0 | ក 1780 | ថ 1790 | ហ 17A0 | ព 17B0 | ៀ 17C0 | ័ 17D0 | ័ 17E0 | |
| 1 | ខ 1781 | ទ 1791 | ឡ 17A1 | ឱ 17B1 | េ 17C1 | ័ 17D1 | ័ 17E1 | |
| 2 | គ 1782 | ធ 1792 | អ 17A2 | ច 17B2 | ៃ 17C2 | ័ 17D2 | ័ 17E2 | |
| 3 | ឃ 1783 | ន 1793 | អ 17A3 | ឪ 17B3 | ៃ 17C3 | ័ 17D3 | ័ 17E3 | |
| 4 | ង 1784 | ប 1794 | អា 17A4 | ា 17B4 | ោ 17C4 | ។ 17D4 | ៤ 17E4 | |
| 5 | ច 1785 | ផ 1795 | ត 17A5 | ា 17B5 | ោ 17C5 | ។ 17D5 | ៥ 17E5 | |
| 6 | ឆ 1786 | ព 1796 | ល្ប 17A6 | ា 17B6 | ំ 17C6 | ័ 17D6 | ័ 17E6 | |
| 7 | ជ 1787 | ភ 1797 | ឧ 17A7 | ិ 17B7 | ័ 17C7 | ័ 17D7 | ័ 17E7 | |
| 8 | ឈ 1788 | ម 1798 | ឪ 17A8 | ិ 17B8 | ័ 17C8 | ័ 17D8 | ័ 17E8 | |
| 9 | ញ 1789 | យ 1799 | ឧ 17A9 | ិ 17B9 | ័ 17C9 | ័ 17D9 | ័ 17E9 | |
| A | ដ 178A | រ 179A | ឪ 17AA | ិ 17BA | ័ 17CA | ័ 17DA | | |
| B | វ 178B | ល 179B | ប្ប 17AB | ័ 17BB | ័ 17CB | ័ 17DB | | |
| C | ខ 178C | រ 179C | ប្ប 17AC | ័ 17BC | ័ 17CC | ័ 17DC | | |
| D | ឈ 178D | ត 179D | ព្រ 17AD | ័ 17BD | ័ 17CD | -ល- 17DD | | |
| E | ណ 178E | ថ 179E | ព្រ 17AE | ័ 17BE | ័ 17CE | | | |
| F | ត 178F | ស 179F | ង 17AF | ័ 17BF | ័ 17CF | | | |

G = 00
P = 00

Table 51 - Row 17: Khmer









| HEX | NAME | HEX | NAME |
|------|--------------------------------------|------|-----------------------------------|
| 1780 | KHMER LETTER KA | 17DD | KHMER SIGN LAAK |
| 1781 | KHMER LETTER KHA | 17DE | (This position shall not be used) |
| 1782 | KHMER LETTER KO | 17DF | (This position shall not be used) |
| 1783 | KHMER LETTER KHO | 17E0 | KHMER DIGIT ZERO |
| 1784 | KHMER LETTER NGO | 17E1 | KHMER DIGIT ONE |
| 1785 | KHMER LETTER CA | 17E2 | KHMER DIGIT TWO |
| 1786 | KHMER LETTER CHA | 17E3 | KHMER DIGIT THREE |
| 1787 | KHMER LETTER CO | 17E4 | KHMER DIGIT FOUR |
| 1788 | KHMER LETTER CHO | 17E5 | KHMER DIGIT FIVE |
| 1789 | KHMER LETTER NYO | 17E6 | KHMER DIGIT SIX |
| 178A | KHMER LETTER DA | 17E7 | KHMER DIGIT SEVEN |
| 178B | KHMER LETTER TTHA | 17E8 | KHMER DIGIT EIGHT |
| 178C | KHMER LETTER DO | 17E9 | KHMER DIGIT NINE |
| 178D | KHMER LETTER TTHO | 17EA | (This position shall not be used) |
| 178E | KHMER LETTER NNO | 17EB | (This position shall not be used) |
| 178F | KHMER LETTER TA | 17EC | (This position shall not be used) |
| 1790 | KHMER LETTER THA | 17ED | (This position shall not be used) |
| 1791 | KHMER LETTER TO | 17EE | (This position shall not be used) |
| 1792 | KHMER LETTER THO | 17EF | (This position shall not be used) |
| 1793 | KHMER LETTER NO | 17F0 | (This position shall not be used) |
| 1794 | KHMER LETTER BA | 17F1 | (This position shall not be used) |
| 1795 | KHMER LETTER PHA | 17F2 | (This position shall not be used) |
| 1796 | KHMER LETTER PO | 17F3 | (This position shall not be used) |
| 1797 | KHMER LETTER PHO | 17F4 | (This position shall not be used) |
| 1798 | KHMER LETTER MO | 17F5 | (This position shall not be used) |
| 1799 | KHMER LETTER YO | 17F6 | (This position shall not be used) |
| 179A | KHMER LETTER RO | 17F7 | (This position shall not be used) |
| 179B | KHMER LETTER LO | 17F8 | (This position shall not be used) |
| 179C | KHMER LETTER VO | 17F9 | (This position shall not be used) |
| 179D | KHMER LETTER SHA | 17FA | (This position shall not be used) |
| 179E | KHMER LETTER SSO | 17FB | (This position shall not be used) |
| 179F | KHMER LETTER SA | 17FC | (This position shall not be used) |
| 17A0 | KHMER LETTER HA | 17FD | (This position shall not be used) |
| 17A1 | KHMER LETTER LA | 17FE | (This position shall not be used) |
| 17A2 | KHMER LETTER QA | 17FF | (This position shall not be used) |
| 17A3 | KHMER INDEPENDENT VOWEL QAA | | |
| 17A4 | KHMER INDEPENDENT VOWEL QAA | | |
| 17A5 | KHMER INDEPENDENT VOWEL QI | | |
| 17A6 | KHMER INDEPENDENT VOWEL QII | | |
| 17A7 | KHMER INDEPENDENT VOWEL QU | | |
| 17A8 | KHMER INDEPENDENT VOWEL QUK | | |
| 17A9 | KHMER INDEPENDENT VOWEL QUU | | |
| 17AA | KHMER INDEPENDENT VOWEL QUUV | | |
| 17AB | KHMER INDEPENDENT VOWEL RY | | |
| 17AC | KHMER INDEPENDENT VOWEL RYY | | |
| 17AD | KHMER INDEPENDENT VOWEL LY | | |
| 17AE | KHMER INDEPENDENT VOWEL LYY | | |
| 17AF | KHMER INDEPENDENT VOWEL QE | | |
| 17B0 | KHMER INDEPENDENT VOWEL QAI | | |
| 17B1 | KHMER INDEPENDENT VOWEL QOO TYPE ONE | | |
| 17B2 | KHMER INDEPENDENT VOWEL QOO TYPE TWO | | |
| 17B3 | KHMER INDEPENDENT VOWEL QAU | | |
| 17B4 | KHMER VOWEL INHERENT AQ | | |
| 17B5 | KHMER VOWEL INHERENT AA | | |
| 17B6 | KHMER VOWEL SIGN AA | | |
| 17B7 | KHMER VOWEL SIGN I | | |
| 17B8 | KHMER VOWEL SIGN II | | |
| 17B9 | KHMER VOWEL SIGN Y | | |
| 17BA | KHMER VOWEL SIGN YY | | |
| 17BB | KHMER VOWEL SIGN U | | |
| 17BC | KHMER VOWEL SIGN UU | | |
| 17BD | KHMER VOWEL SIGN UA | | |
| 17BE | KHMER VOWEL SIGN OE | | |
| 17BF | KHMER VOWEL SIGN YA | | |
| 17C0 | KHMER VOWEL SIGN IE | | |
| 17C1 | KHMER VOWEL SIGN E | | |
| 17C2 | KHMER VOWEL SIGN AE | | |
| 17C3 | KHMER VOWEL SIGN AI | | |
| 17C4 | KHMER VOWEL SIGN OO | | |
| 17C5 | KHMER VOWEL SIGN AU | | |
| 17C6 | KHMER SIGN NIKAHIT | | |
| 17C7 | KHMER SIGN REAHMUK | | |
| 17C8 | KHMER SIGN YUUKALEAPINTU | | |
| 17C9 | KHMER SIGN MUUSIKATOAN | | |
| 17CA | KHMER SIGN TRIISAP | | |
| 17CB | KHMER SIGN BANTOC | | |
| 17CC | KHMER SIGN ROBAT | | |
| 17CD | KHMER SIGN TOANDAKHIAT | | |
| 17CE | KHMER SIGN KAKABAT | | |
| 17CF | KHMER SIGN AHSDA | | |
| 17D0 | KHMER SIGN SAMYOK SANNYA | | |
| 17D1 | KHMER SIGN VIRIAM | | |
| 17D2 | KHMER SIGN COENG | | |
| 17D3 | KHMER SIGN BATHAMASAT | | |
| 17D4 | KHMER SIGN KHAN | | |
| 17D5 | KHMER SIGN BARIYOOSAN | | |
| 17D6 | KHMER SIGN CAMNUC PII KUUH | | |
| 17D7 | KHMER SIGN LEK TOO | | |
| 17D8 | KHMER SIGN BEYYAL | | |
| 17D9 | KHMER SIGN PHNAEK MUAN | | |
| 17DA | KHMER SIGN KOOMUUT | | |
| 17DB | KHMER CURRENCY SYMBOL RIEL | | |
| 17DC | KHMER SIGN AVAKRAHASANYA | | |

Group 00

Plane 00

Row 17

Table 57 - Row 20: General Punctuation

| | 200 | 201 | 202 | 203 | 204 | 205 | 206 |
|---|---|---|---|------------|------------|--|---|
| 0 |  2000 | — 2010 | † 2020 | ‰ 2030 | — 2040 | ⌒ 2050 | WJ 2060 |
| 1 |  2001 |  2011 | ‡ 2021 | ‱ 2031 | ⁄ 2041 | * 2051 | f() 2061 |
| 2 |  2002 | — 2012 | ● 2022 | ′ 2032 | * 2042 | | X 2062 |
| 3 |  2003 | — 2013 | ▶ 2023 | ” 2033 | ■ 2043 | | |
| 4 |  2004 | — 2014 | • 2024 | ” 2034 | / 2044 | | |
| 5 |  2005 | — 2015 | •• 2025 | 、 2035 | [2045 | | |
| 6 |  2006 | 2016 | ... 2026 | “ 2036 | } 2046 | | |
| 7 |  2007 | = 2017 | • 2027 | ” 2037 | ?? 2047 | ” 2057 | |
| 8 |  2008 | ‘ 2018 |  2028 | ^ 2038 | ?! 2048 | | |
| 9 |  2009 | , 2019 |  2029 | < 2039 | !? 2049 | | |
| A |  200A | , 201A |  202A | > 203A | 7 204A | |  206A |
| B |  200B | ‘ 201B |  202B | ⌘ 203B | ¶ 204B | |  206B |
| C |  200C | “ 201C |  202C | !! 203C | ◐ 204C | |  206C |
| D |  200D | ” 201D |  202D | !? 203D | ◑ 204D | |  206D |
| E |  200E | ” 201E |  202E | — 203E | * 204E | |  206E |
| F |  200F | “ 201F |  202F | — 203F | • 204F |  205F |  206F |

G = 00
P = 00

Table 57 - Row 20: General Punctuation

| HEX | NAME | HEX | NAME |
|------|--|------|-----------------------------------|
| 2000 | EN QUAD | 205D | (This position shall not be used) |
| 2001 | EM QUAD | 205E | (This position shall not be used) |
| 2002 | EN SPACE | 205F | MEDIUM MATHEMATICAL SPACE |
| 2003 | EM SPACE | 2060 | WORD JOINER |
| 2004 | THREE-PER-EM SPACE | 2061 | FUNCTION APPLICATION |
| 2005 | FOUR-PER-EM SPACE | 2062 | INVISIBLE TIMES |
| 2006 | SIX-PER-EM SPACE | 2063 | (This position shall not be used) |
| 2007 | FIGURE SPACE | 2064 | (This position shall not be used) |
| 2008 | PUNCTUATION SPACE | 2065 | (This position shall not be used) |
| 2009 | THIN SPACE | 2066 | (This position shall not be used) |
| 200A | HAIR SPACE | 2067 | (This position shall not be used) |
| 200B | ZERO WIDTH SPACE | 2068 | (This position shall not be used) |
| 200C | ZERO WIDTH NON-JOINER | 2069 | (This position shall not be used) |
| 200D | ZERO WIDTH JOINER | 206A | INHIBIT SYMMETRIC SWAPPING |
| 200E | LEFT-TO-RIGHT MARK | 206B | ACTIVATE SYMMETRIC SWAPPING |
| 200F | RIGHT-TO-LEFT MARK | 206C | INHIBIT ARABIC FORM SHAPING |
| 2010 | HYPHEN | 206D | ACTIVATE ARABIC FORM SHAPING |
| 2011 | NON-BREAKING HYPHEN | 206E | NATIONAL DIGIT SHAPES |
| 2012 | FIGURE DASH | 206F | NOMINAL DIGIT SHAPES |
| 2013 | EN DASH | | |
| 2014 | EM DASH | | |
| 2015 | HORIZONTAL BAR | | |
| 2016 | DOUBLE VERTICAL LINE | | |
| 2017 | DOUBLE LOW LINE | | |
| 2018 | LEFT SINGLE QUOTATION MARK | | |
| 2019 | RIGHT SINGLE QUOTATION MARK | | |
| 201A | SINGLE LOW-9 QUOTATION MARK | | |
| 201B | SINGLE HIGH-REVERSED-9 QUOTATION MARK | | |
| 201C | LEFT DOUBLE QUOTATION MARK | | |
| 201D | RIGHT DOUBLE QUOTATION MARK | | |
| 201E | DOUBLE LOW-9 QUOTATION MARK | | |
| 201F | DOUBLE HIGH-REVERSED-9 QUOTATION MARK | | |
| 2020 | DAGGER | | |
| 2021 | DOUBLE DAGGER | | |
| 2022 | BULLET | | |
| 2023 | TRIANGULAR BULLET | | |
| 2024 | ONE DOT LEADER | | |
| 2025 | TWO DOT LEADER | | |
| 2026 | HORIZONTAL ELLIPSIS | | |
| 2027 | HYPHENATION POINT | | |
| 2028 | LINE SEPARATOR | | |
| 2029 | PARAGRAPH SEPARATOR | | |
| 202A | LEFT-TO-RIGHT EMBEDDING | | |
| 202B | RIGHT-TO-LEFT EMBEDDING | | |
| 202C | POP DIRECTIONAL FORMATTING | | |
| 202D | LEFT-TO-RIGHT OVERRIDE | | |
| 202E | RIGHT-TO-LEFT OVERRIDE | | |
| 202F | NARROW NO-BREAK SPACE | | |
| 2030 | PER MILLE SIGN | | |
| 2031 | PER TEN THOUSAND SIGN | | |
| 2032 | PRIME | | |
| 2033 | DOUBLE PRIME | | |
| 2034 | TRIPLE PRIME | | |
| 2035 | REVERSED PRIME | | |
| 2036 | REVERSED DOUBLE PRIME | | |
| 2037 | REVERSED TRIPLE PRIME | | |
| 2038 | CARET | | |
| 2039 | SINGLE LEFT-POINTING ANGLE QUOTATION MARK | | |
| 203A | SINGLE RIGHT-POINTING ANGLE QUOTATION MARK | | |
| 203B | REFERENCE MARK | | |
| 203C | DOUBLE EXCLAMATION MARK | | |
| 203D | INTERROBANG | | |
| 203E | OVERLINE | | |
| 203F | UNDERTIE (Enotikon) | | |
| 2040 | CHARACTER TIE | | |
| 2041 | CARET INSERTION POINT | | |
| 2042 | ASTERISM | | |
| 2043 | HYPHEN BULLET | | |
| 2044 | FRACTION SLASH | | |
| 2045 | LEFT SQUARE BRACKET WITH QUILL | | |
| 2046 | RIGHT SQUARE BRACKET WITH QUILL | | |
| 2047 | DOUBLE QUESTION MARK | | |
| 2048 | QUESTION EXCLAMATION MARK | | |
| 2049 | EXCLAMATION QUESTION MARK | | |
| 204A | TIRONIAN SIGN ET | | |
| 204B | REVERSED PILCROW SIGN | | |
| 204C | BLACK LEFTWARDS BULLET | | |
| 204D | BLACK RIGHTWARDS BULLET | | |
| 204E | LOW ASTERISK | | |
| 204F | REVERSED SEMICOLON | | |
| 2050 | CLOSE UP | | |
| 2051 | TWO ASTERISKS ALIGNED VERTICALLY | | |
| 2052 | (This position shall not be used) | | |
| 2053 | (This position shall not be used) | | |
| 2054 | (This position shall not be used) | | |
| 2055 | (This position shall not be used) | | |
| 2056 | (This position shall not be used) | | |
| 2057 | QUADRUPLE PRIME | | |
| 2058 | (This position shall not be used) | | |
| 2059 | (This position shall not be used) | | |
| 205A | (This position shall not be used) | | |
| 205B | (This position shall not be used) | | |
| 205C | (This position shall not be used) | | |

Group 00

Plane 00

Row 20

Table 58 - Row 20: Superscripts and Subscripts

| | 207 | 208 | 209 |
|---|-----------|-----------|-----|
| 0 | 0 2070 | 0 2080 | |
| 1 | i 2071 | 1 2081 | |
| 2 | | 2 2082 | |
| 3 | | 3 2083 | |
| 4 | 4 2074 | 4 2084 | |
| 5 | 5 2075 | 5 2085 | |
| 6 | 6 2076 | 6 2086 | |
| 7 | 7 2077 | 7 2087 | |
| 8 | 8 2078 | 8 2088 | |
| 9 | 9 2079 | 9 2089 | |
| A | + 207A | + 208A | |
| B | — 207B | — 208B | |
| C | = 207C | = 208C | |
| D | (207D | (208D | |
| E |) 207E |) 208E | |
| F | n 207F | | |

G = 00
P = 00

Table 58 - Row 20: Superscripts and Subscripts

| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 2070 | SUPERSCRIP ZERO | | |
| 2071 | SUPERSCRIP LATIN SMALL LETTER I | | |
| 2072 | (This position shall not be used) | | |
| 2073 | (This position shall not be used) | | |
| 2074 | SUPERSCRIP FOUR | | |
| 2075 | SUPERSCRIP FIVE | | |
| 2076 | SUPERSCRIP SIX | | |
| 2077 | SUPERSCRIP SEVEN | | |
| 2078 | SUPERSCRIP EIGHT | | |
| 2079 | SUPERSCRIP NINE | | |
| 207A | SUPERSCRIP PLUS SIGN | | |
| 207B | SUPERSCRIP MINUS | | |
| 207C | SUPERSCRIP EQUALS SIGN | | |
| 207D | SUPERSCRIP LEFT PARENTHESIS | | |
| 207E | SUPERSCRIP RIGHT PARENTHESIS | | |
| 207F | SUPERSCRIP LATIN SMALL LETTER N | | |
| 2080 | SUBSCRIP ZERO | | |
| 2081 | SUBSCRIP ONE | | |
| 2082 | SUBSCRIP TWO | | |
| 2083 | SUBSCRIP THREE | | |
| 2084 | SUBSCRIP FOUR | | |
| 2085 | SUBSCRIP FIVE | | |
| 2086 | SUBSCRIP SIX | | |
| 2087 | SUBSCRIP SEVEN | | |
| 2088 | SUBSCRIP EIGHT | | |
| 2089 | SUBSCRIP NINE | | |
| 208A | SUBSCRIP PLUS SIGN | | |
| 208B | SUBSCRIP MINUS | | |
| 208C | SUBSCRIP EQUALS SIGN | | |
| 208D | SUBSCRIP LEFT PARENTHESIS | | |
| 208E | SUBSCRIP RIGHT PARENTHESIS | | |
| 208F | (This position shall not be used) | | |
| 2090 | (This position shall not be used) | | |
| 2091 | (This position shall not be used) | | |
| 2092 | (This position shall not be used) | | |
| 2093 | (This position shall not be used) | | |
| 2094 | (This position shall not be used) | | |
| 2095 | (This position shall not be used) | | |
| 2096 | (This position shall not be used) | | |
| 2097 | (This position shall not be used) | | |
| 2098 | (This position shall not be used) | | |
| 2099 | (This position shall not be used) | | |
| 209A | (This position shall not be used) | | |
| 209B | (This position shall not be used) | | |
| 209C | (This position shall not be used) | | |
| 209D | (This position shall not be used) | | |
| 209E | (This position shall not be used) | | |
| 209F | (This position shall not be used) | | |

Group 00

Plane 00

Row 20

Table 59 - Row 20: Currency Symbols

| | 20A | 20B | 20C |
|---|-------------|-----------|-----|
| 0 | ₣ 20A0 | ₧ 20B0 | |
| 1 | ₡ 20A1 | ₪ 20B1 | |
| 2 | ₢ 20A2 | | |
| 3 | ₤ 20A3 | | |
| 4 | ₦ 20A4 | | |
| 5 | ₯ 20A5 | | |
| 6 | ₰ 20A6 | | |
| 7 | Pts 20A7 | | |
| 8 | Rs 20A8 | | |
| 9 | ₱ 20A9 | | |
| A | ₹ 20AA | | |
| B | ₠ 20AB | | |
| C | € 20AC | | |
| D | ₴ 20AD | | |
| E | ₴ 20AE | | |
| F | ₴ 20AF | | |

G = 00
P = 00

Table 59 - Row 20: Currency Symbols


























| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 20A0 | EURO-CURRENCY SIGN | | |
| 20A1 | COLON SIGN | | |
| 20A2 | CRUZEIRO SIGN | | |
| 20A3 | FRENCH FRANC SIGN | | |
| 20A4 | LIRA SIGN | | |
| 20A5 | MILL SIGN | | |
| 20A6 | NAIRA SIGN | | |
| 20A7 | PESETA SIGN | | |
| 20A8 | RUPEE SIGN | | |
| 20A9 | WON SIGN | | |
| 20AA | NEW SHEQEL SIGN | | |
| 20AB | DONG SIGN | | |
| 20AC | EURO SIGN | | |
| 20AD | KIP SIGN | | |
| 20AE | TUGRIK SIGN | | |
| 20AF | DRACHMA SIGN | | |
| 20B0 | GERMAN PENNY SIGN | | |
| 20B1 | PESO SIGN | | |
| 20B2 | (This position shall not be used) | | |
| 20B3 | (This position shall not be used) | | |
| 20B4 | (This position shall not be used) | | |
| 20B5 | (This position shall not be used) | | |
| 20B6 | (This position shall not be used) | | |
| 20B7 | (This position shall not be used) | | |
| 20B8 | (This position shall not be used) | | |
| 20B9 | (This position shall not be used) | | |
| 20BA | (This position shall not be used) | | |
| 20BB | (This position shall not be used) | | |
| 20BC | (This position shall not be used) | | |
| 20BD | (This position shall not be used) | | |
| 20BE | (This position shall not be used) | | |
| 20BF | (This position shall not be used) | | |
| 20C0 | (This position shall not be used) | | |
| 20C1 | (This position shall not be used) | | |
| 20C2 | (This position shall not be used) | | |
| 20C3 | (This position shall not be used) | | |
| 20C4 | (This position shall not be used) | | |
| 20C5 | (This position shall not be used) | | |
| 20C6 | (This position shall not be used) | | |
| 20C7 | (This position shall not be used) | | |
| 20C8 | (This position shall not be used) | | |
| 20C9 | (This position shall not be used) | | |
| 20CA | (This position shall not be used) | | |
| 20CB | (This position shall not be used) | | |
| 20CC | (This position shall not be used) | | |
| 20CD | (This position shall not be used) | | |
| 20CE | (This position shall not be used) | | |
| 20CF | (This position shall not be used) | | |

Group 00

Plane 00

Row 20

Table 60 - Row 20: Combining Diacritical Marks for Symbols

| | 20D | 20E | 20F |
|---|---|---|-----|
| 0 |  20D0 |  20E0 | |
| 1 |  20D1 |  20E1 | |
| 2 |  20D2 |  20E2 | |
| 3 |  20D3 |  20E3 | |
| 4 |  20D4 |  20E4 | |
| 5 |  20D5 |  20E5 | |
| 6 |  20D6 |  20E6 | |
| 7 |  20D7 |  20E7 | |
| 8 |  20D8 |  20E8 | |
| 9 |  20D9 | | |
| A |  20DA | | |
| B |  20DB | | |
| C |  20DC | | |
| D |  20DD | | |
| E |  20DE | | |
| F |  20DF | | |

G = 00
P = 00

Table 60 - Row 20: Combining Diacritical Marks for Symbols



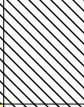



| HEX | NAME | HEX | NAME |
|------|--|-----|------|
| 20D0 | COMBINING LEFT HARPOON ABOVE | | |
| 20D1 | COMBINING RIGHT HARPOON ABOVE | | |
| 20D2 | COMBINING LONG VERTICAL LINE OVERLAY | | |
| 20D3 | COMBINING SHORT VERTICAL LINE OVERLAY | | |
| 20D4 | COMBINING ANTICLOCKWISE ARROW ABOVE | | |
| 20D5 | COMBINING CLOCKWISE ARROW ABOVE | | |
| 20D6 | COMBINING LEFT ARROW ABOVE | | |
| 20D7 | COMBINING RIGHT ARROW ABOVE | | |
| 20D8 | COMBINING RING OVERLAY | | |
| 20D9 | COMBINING CLOCKWISE RING OVERLAY | | |
| 20DA | COMBINING ANTICLOCKWISE RING OVERLAY | | |
| 20DB | COMBINING THREE DOTS ABOVE | | |
| 20DC | COMBINING FOUR DOTS ABOVE | | |
| 20DD | COMBINING ENCLOSING CIRCLE | | |
| 20DE | COMBINING ENCLOSING SQUARE | | |
| 20DF | COMBINING ENCLOSING DIAMOND | | |
| 20E0 | COMBINING ENCLOSING CIRCLE BACKSLASH | | |
| 20E1 | COMBINING LEFT RIGHT ARROW ABOVE | | |
| 20E2 | COMBINING ENCLOSING SCREEN | | |
| 20E3 | COMBINING ENCLOSING KEYCAP | | |
| 20E4 | COMBINING ENCLOSING UPWARD POINTING TRIANGLE | | |
| 20E5 | COMBINING REVERSE SOLIDUS OVERLAY | | |
| 20E6 | COMBINING DOUBLE VERTICAL STROKE OVERLAY | | |
| 20E7 | COMBINING ANNUITY SYMBOL | | |
| 20E8 | COMBINING TRIPLE UNDERDOT | | |
| 20E9 | (This position shall not be used) | | |
| 20EA | (This position shall not be used) | | |
| 20EB | (This position shall not be used) | | |
| 20EC | (This position shall not be used) | | |
| 20ED | (This position shall not be used) | | |
| 20EE | (This position shall not be used) | | |
| 20EF | (This position shall not be used) | | |
| 20F0 | (This position shall not be used) | | |
| 20F1 | (This position shall not be used) | | |
| 20F2 | (This position shall not be used) | | |
| 20F3 | (This position shall not be used) | | |
| 20F4 | (This position shall not be used) | | |
| 20F5 | (This position shall not be used) | | |
| 20F6 | (This position shall not be used) | | |
| 20F7 | (This position shall not be used) | | |
| 20F8 | (This position shall not be used) | | |
| 20F9 | (This position shall not be used) | | |
| 20FA | (This position shall not be used) | | |
| 20FB | (This position shall not be used) | | |
| 20FC | (This position shall not be used) | | |
| 20FD | (This position shall not be used) | | |
| 20FE | (This position shall not be used) | | |
| 20FF | (This position shall not be used) | | |

Group 00

Plane 00

Row 20

Table 61 - Row 21: Letterlike Symbols

| | 210 | 211 | 212 | 213 | 214 |
|---|----------------------------|--------------------------|------------------------|---|---|
| 0 | μC 2100 | \mathcal{I} 2110 | SM 2120 | \mathcal{E} 2130 | Σ 2140 |
| 1 | μs 2101 | \mathfrak{I} 2111 | TEL 2121 | \mathfrak{Z} 2131 | \mathfrak{D} 2141 |
| 2 | C 2102 | \mathcal{L} 2112 | TM 2122 | \mathfrak{H} 2132 | \mathfrak{T} 2142 |
| 3 | $^{\circ}\text{C}$ 2103 | ℓ 2113 | \mathfrak{V} 2123 | \mathcal{M} 2133 | \mathfrak{J} 2143 |
| 4 | E 2104 | \mathfrak{b} 2114 | \mathbb{Z} 2124 | \mathfrak{o} 2134 | \mathfrak{A} 2144 |
| 5 | $\text{C}\%$ 2105 | \mathfrak{N} 2115 | \mathfrak{Z} 2125 | \mathfrak{N} 2135 | \mathfrak{D} 2145 |
| 6 | $\text{C}\mu$ 2106 | \mathfrak{N}_2 2116 | Ω 2126 | \mathfrak{b} 2136 | \mathfrak{d} 2146 |
| 7 | E 2107 | P 2117 | \mathfrak{U} 2127 | \mathfrak{I} 2137 | \mathfrak{e} 2147 |
| 8 | \mathfrak{D} 2108 | \mathfrak{D} 2118 | \mathfrak{Z} 2128 | \mathfrak{T} 2138 | \mathfrak{i} 2148 |
| 9 | $^{\circ}\text{F}$ 2109 | \mathfrak{P} 2119 | \mathfrak{I} 2129 | \mathfrak{i} 2139 | \mathfrak{j} 2149 |
| A | \mathfrak{g} 210A | \mathfrak{Q} 211A | \mathfrak{K} 212A | \mathfrak{O} 213A | \mathfrak{P} 214A |
| B | \mathcal{H} 210B | \mathcal{R} 211B | \mathfrak{A} 212B |  | \mathfrak{X} 214B |
| C | \mathfrak{S} 210C | \mathfrak{R} 211C | \mathcal{B} 212C |  |  |
| D | \mathfrak{H} 210D | \mathfrak{R} 211D | \mathfrak{E} 212D | \mathfrak{Y} 213D |  |
| E | \mathfrak{h} 210E | \mathfrak{R} 211E | \mathfrak{e} 212E | \mathfrak{T} 213E |  |
| F | \mathfrak{h} 210F | \mathfrak{R} 211F | \mathfrak{e} 212F | \mathfrak{T} 213F |  |

G = 00

P = 00

Table 61 - Row 21: Letterlike Symbols

















































































































| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| 2100 | ACCOUNT OF | | |
| 2101 | ADDRESSED TO THE SUBJECT | | |
| 2102 | DOUBLE-STRUCK CAPITAL C | | |
| 2103 | DEGREE CELSIUS | | |
| 2104 | CENTRE LINE SYMBOL | | |
| 2105 | CARE OF | | |
| 2106 | CADA UNA | | |
| 2107 | EULER CONSTANT | | |
| 2108 | SCRUPLE | | |
| 2109 | DEGREE FAHRENHEIT | | |
| 210A | SCRIPT SMALL G | | |
| 210B | SCRIPT CAPITAL H | | |
| 210C | BLACK-LETTER CAPITAL H | | |
| 210D | DOUBLE-STRUCK CAPITAL H | | |
| 210E | PLANCK CONSTANT | | |
| 210F | PLANCK CONSTANT OVER TWO PI | | |
| 2110 | SCRIPT CAPITAL I | | |
| 2111 | BLACK-LETTER CAPITAL I | | |
| 2112 | SCRIPT CAPITAL L | | |
| 2113 | SCRIPT SMALL L | | |
| 2114 | L B BAR SYMBOL | | |
| 2115 | DOUBLE-STRUCK CAPITAL N | | |
| 2116 | NUMERO SIGN | | |
| 2117 | SOUND RECORDING COPYRIGHT | | |
| 2118 | SCRIPT CAPITAL P | | |
| 2119 | DOUBLE-STRUCK CAPITAL P | | |
| 211A | DOUBLE-STRUCK CAPITAL Q | | |
| 211B | SCRIPT CAPITAL R | | |
| 211C | BLACK-LETTER CAPITAL R | | |
| 211D | DOUBLE-STRUCK CAPITAL R | | |
| 211E | PRESCRIPTION TAKE | | |
| 211F | RESPONSE | | |
| 2120 | SERVICE MARK | | |
| 2121 | TELEPHONE SIGN | | |
| 2122 | TRADE MARK SIGN | | |
| 2123 | VERSICLE | | |
| 2124 | DOUBLE-STRUCK CAPITAL Z | | |
| 2125 | OUNCE SIGN | | |
| 2126 | OHM SIGN | | |
| 2127 | INVERTED OHM SIGN | | |
| 2128 | BLACK-LETTER CAPITAL Z | | |
| 2129 | TURNED GREEK SMALL LETTER IOTA | | |
| 212A | KELVIN SIGN | | |
| 212B | ANGSTROM SIGN | | |
| 212C | SCRIPT CAPITAL B | | |
| 212D | BLACK-LETTER CAPITAL C | | |
| 212E | ESTIMATED SYMBOL | | |
| 212F | SCRIPT SMALL E | | |
| 2130 | SCRIPT CAPITAL E | | |
| 2131 | SCRIPT CAPITAL F | | |
| 2132 | TURNED CAPITAL F | | |
| 2133 | SCRIPT CAPITAL M | | |
| 2134 | SCRIPT SMALL O | | |
| 2135 | ALEF SYMBOL | | |
| 2136 | BET SYMBOL | | |
| 2137 | GIMEL SYMBOL | | |
| 2138 | DALET SYMBOL | | |
| 2139 | INFORMATION SOURCE | | |
| 213A | ROTATED CAPITAL Q | | |
| 213B | (This position shall not be used) | | |
| 213C | (This position shall not be used) | | |
| 213D | DOUBLE-STRUCK SMALL GAMMA | | |
| 213E | DOUBLE-STRUCK CAPITAL GAMMA | | |
| 213F | DOUBLE-STRUCK CAPITAL PI | | |
| 2140 | DOUBLE-STRUCK CAPITAL SIGMA | | |
| 2141 | TURNED SANS-SERIF CAPITAL G | | |
| 2142 | TURNED SANS-SERIF CAPITAL L | | |
| 2143 | REVERSED SANS-SERIF CAPITAL L | | |
| 2144 | INVERTED SANS-SERIF CAPITAL Y | | |
| 2145 | DOUBLE-STRUCK ITALIC CAPITAL D | | |
| 2146 | DOUBLE-STRUCK ITALIC SMALL D | | |
| 2147 | DOUBLE-STRUCK ITALIC SMALL E | | |
| 2148 | DOUBLE-STRUCK ITALIC SMALL I | | |
| 2149 | DOUBLE-STRUCK ITALIC SMALL J | | |
| 214A | PROPERTY LINE | | |
| 214B | TURNED AMPERSAND | | |
| 214C | (This position shall not be used) | | |
| 214D | (This position shall not be used) | | |
| 214E | (This position shall not be used) | | |
| 214F | (This position shall not be used) | | |

Group 00

Plane 00

Row 21

Table 63 - Row 21: Arrows

| | 219 | 21A | 21B | 21C | 21D | 21E | 21F |
|---|---|---|---|---|---|---|--|
| 0 |  2190 |  21A0 |  21B0 |  21C0 |  21D0 |  21E0 |  21F0 |
| 1 |  2191 |  21A1 |  21B1 |  21C1 |  21D1 |  21E1 |  21F1 |
| 2 |  2192 |  21A2 |  21B2 |  21C2 |  21D2 |  21E2 |  21F2 |
| 3 |  2193 |  21A3 |  21B3 |  21C3 |  21D3 |  21E3 |  21F3 |
| 4 |  2194 |  21A4 |  21B4 |  21C4 |  21D4 |  21E4 |  |
| 5 |  2195 |  21A5 |  21B5 |  21C5 |  21D5 |  21E5 |  21F5 |
| 6 |  2196 |  21A6 |  21B6 |  21C6 |  21D6 |  21E6 |  21F6 |
| 7 |  2197 |  21A7 |  21B7 |  21C7 |  21D7 |  21E7 |  21F7 |
| 8 |  2198 |  21A8 |  21B8 |  21C8 |  21D8 |  21E8 |  21F8 |
| 9 |  2199 |  21A9 |  21B9 |  21C9 |  21D9 |  21E9 |  21F9 |
| A |  219A |  21AA |  21BA |  21CA |  21DA |  21EA |  21FA |
| B |  219B |  21AB |  21BB |  21CB |  21DB |  21EB |  21FB |
| C |  219C |  21AC |  21BC |  21CC |  21DC |  21EC |  21FC |
| D |  219D |  21AD |  21BD |  21CD |  21DD |  21ED |  21FD |
| E |  219E |  21AE |  21BE |  21CE |  21DE |  21EE |  21FE |
| F |  219F |  21AF |  21BF |  21CF |  21DF |  21EF |  21FF |

G = 00
P = 00

Table 63 - Row 21: Arrows
































































































































| HEX | NAME | HEX | NAME |
|------|---|------|---|
| 2190 | LEFTWARDS ARROW | 21ED | UPWARDS WHITE ARROW ON PEDESTAL WITH VERTICAL BAR |
| 2191 | UPWARDS ARROW | 21EE | UPWARDS WHITE DOUBLE ARROW |
| 2192 | RIGHTWARDS ARROW | 21EF | UPWARDS WHITE DOUBLE ARROW ON PEDESTAL |
| 2193 | DOWNWARDS ARROW | 21F0 | RIGHTWARDS WHITE ARROW FROM WALL |
| 2194 | LEFT RIGHT ARROW | 21F1 | NORTH WEST ARROW TO CORNER |
| 2195 | UP DOWN ARROW | 21F2 | SOUTH EAST ARROW TO CORNER |
| 2196 | NORTH WEST ARROW | 21F3 | UP DOWN WHITE ARROW |
| 2197 | NORTH EAST ARROW | 21F4 | (This position shall not be used) |
| 2198 | SOUTH EAST ARROW | 21F5 | DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW |
| 2199 | SOUTH WEST ARROW | 21F6 | THREE RIGHTWARDS ARROWS |
| 219A | LEFTWARDS ARROW WITH STROKE | 21F7 | LEFTWARDS ARROW WITH VERTICAL STROKE |
| 219B | RIGHTWARDS ARROW WITH STROKE | 21F8 | RIGHTWARDS ARROW WITH VERTICAL STROKE |
| 219C | LEFTWARDS WAVE ARROW | 21F9 | LEFT RIGHT ARROW WITH VERTICAL STROKE |
| 219D | RIGHTWARDS WAVE ARROW | 21FA | LEFTWARDS ARROW WITH DOUBLE VERTICAL STROKE |
| 219E | LEFTWARDS TWO HEADED ARROW | 21FB | RIGHTWARDS ARROW WITH DOUBLE VERTICAL STROKE |
| 219F | UPWARDS TWO HEADED ARROW | 21FC | LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE |
| 21A0 | RIGHTWARDS TWO HEADED ARROW | 21FD | LEFTWARDS OPEN-HEADED ARROW |
| 21A1 | DOWNWARDS TWO HEADED ARROW | 21FE | RIGHTWARDS OPEN-HEADED ARROW |
| 21A2 | LEFTWARDS ARROW WITH TAIL | 21FF | LEFT RIGHT OPEN-HEADED ARROW |
| 21A3 | RIGHTWARDS ARROW WITH TAIL | | |
| 21A4 | LEFTWARDS ARROW FROM BAR | | |
| 21A5 | UPWARDS ARROW FROM BAR | | |
| 21A6 | RIGHTWARDS ARROW FROM BAR | | |
| 21A7 | DOWNWARDS ARROW FROM BAR | | |
| 21A8 | UP DOWN ARROW WITH BASE | | |
| 21A9 | LEFTWARDS ARROW WITH HOOK | | |
| 21AA | RIGHTWARDS ARROW WITH HOOK | | |
| 21AB | LEFTWARDS ARROW WITH LOOP | | |
| 21AC | RIGHTWARDS ARROW WITH LOOP | | |
| 21AD | LEFT RIGHT WAVE ARROW | | |
| 21AE | LEFT RIGHT ARROW WITH STROKE | | |
| 21AF | DOWNWARDS ZIGZAG ARROW | | |
| 21B0 | UPWARDS ARROW WITH TIP LEFTWARDS | | |
| 21B1 | UPWARDS ARROW WITH TIP RIGHTWARDS | | |
| 21B2 | DOWNWARDS ARROW WITH TIP LEFTWARDS | | |
| 21B3 | DOWNWARDS ARROW WITH TIP RIGHTWARDS | | |
| 21B4 | RIGHTWARDS ARROW WITH CORNER DOWNWARDS | | |
| 21B5 | DOWNWARDS ARROW WITH CORNER LEFTWARDS | | |
| 21B6 | ANTICLOCKWISE TOP SEMICIRCLE ARROW | | |
| 21B7 | CLOCKWISE TOP SEMICIRCLE ARROW | | |
| 21B8 | NORTH WEST ARROW TO LONG BAR | | |
| 21B9 | LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR | | |
| 21BA | ANTICLOCKWISE OPEN CIRCLE ARROW | | |
| 21BB | CLOCKWISE OPEN CIRCLE ARROW | | |
| 21BC | LEFTWARDS HARPOON WITH BARB UPWARDS | | |
| 21BD | LEFTWARDS HARPOON WITH BARB DOWNWARDS | | |
| 21BE | UPWARDS HARPOON WITH BARB RIGHTWARDS | | |
| 21BF | UPWARDS HARPOON WITH BARB LEFTWARDS | | |
| 21C0 | RIGHTWARDS HARPOON WITH BARB UPWARDS | | |
| 21C1 | RIGHTWARDS HARPOON WITH BARB DOWNWARDS | | |
| 21C2 | DOWNWARDS HARPOON WITH BARB RIGHTWARDS | | |
| 21C3 | DOWNWARDS HARPOON WITH BARB LEFTWARDS | | |
| 21C4 | RIGHTWARDS ARROW OVER LEFTWARDS ARROW | | |
| 21C5 | UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW | | |
| 21C6 | LEFTWARDS ARROW OVER RIGHTWARDS ARROW | | |
| 21C7 | LEFTWARDS PAIRED ARROWS | | |
| 21C8 | UPWARDS PAIRED ARROWS | | |
| 21C9 | RIGHTWARDS PAIRED ARROWS | | |
| 21CA | DOWNWARDS PAIRED ARROWS | | |
| 21CB | LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON | | |
| 21CC | RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON | | |
| 21CD | LEFTWARDS DOUBLE ARROW WITH STROKE | | |
| 21CE | LEFT RIGHT DOUBLE ARROW WITH STROKE | | |
| 21CF | RIGHTWARDS DOUBLE ARROW WITH STROKE | | |
| 21D0 | LEFTWARDS DOUBLE ARROW | | |
| 21D1 | UPWARDS DOUBLE ARROW | | |
| 21D2 | RIGHTWARDS DOUBLE ARROW | | |
| 21D3 | DOWNWARDS DOUBLE ARROW | | |
| 21D4 | LEFT RIGHT DOUBLE ARROW | | |
| 21D5 | UP DOWN DOUBLE ARROW | | |
| 21D6 | NORTH WEST DOUBLE ARROW | | |
| 21D7 | NORTH EAST DOUBLE ARROW | | |
| 21D8 | SOUTH EAST DOUBLE ARROW | | |
| 21D9 | SOUTH WEST DOUBLE ARROW | | |
| 21DA | LEFTWARDS TRIPLE ARROW | | |
| 21DB | RIGHTWARDS TRIPLE ARROW | | |
| 21DC | LEFTWARDS SQUIGGLE ARROW | | |
| 21DD | RIGHTWARDS SQUIGGLE ARROW | | |
| 21DE | UPWARDS ARROW WITH DOUBLE STROKE | | |
| 21DF | DOWNWARDS ARROW WITH DOUBLE STROKE | | |
| 21E0 | LEFTWARDS DASHED ARROW | | |
| 21E1 | UPWARDS DASHED ARROW | | |
| 21E2 | RIGHTWARDS DASHED ARROW | | |
| 21E3 | DOWNWARDS DASHED ARROW | | |
| 21E4 | LEFTWARDS ARROW TO BAR | | |
| 21E5 | RIGHTWARDS ARROW TO BAR | | |
| 21E6 | LEFTWARDS WHITE ARROW | | |
| 21E7 | UPWARDS WHITE ARROW | | |
| 21E8 | RIGHTWARDS WHITE ARROW | | |
| 21E9 | DOWNWARDS WHITE ARROW | | |
| 21EA | UPWARDS WHITE ARROW FROM BAR | | |
| 21EB | UPWARDS WHITE ARROW ON PEDESTAL | | |
| 21EC | UPWARDS WHITE ARROW ON PEDESTAL WITH HORIZONTAL BAR | | |

Group 00

Plane 00

Row 21

Table 65 - Row 22: Mathematical Operators

| | 228 | 229 | 22A | 22B | 22C | 22D | 22E | 22F |
|---|---|---|---|---|---|---|---|---|
| 0 |  2280 |  2290 |  22A0 |  22B0 |  22C0 |  22D0 |  22E0 |  22F0 |
| 1 |  2281 |  2291 |  22A1 |  22B1 |  22C1 |  22D1 |  22E1 |  22F1 |
| 2 |  2282 |  2292 |  22A2 |  22B2 |  22C2 |  22D2 |  22E2 |  22F2 |
| 3 |  2283 |  2293 |  22A3 |  22B3 |  22C3 |  22D3 |  22E3 |  22F3 |
| 4 |  2284 |  2294 |  22A4 |  22B4 |  22C4 |  22D4 |  22E4 |  22F4 |
| 5 |  2285 |  2295 |  22A5 |  22B5 |  22C5 |  22D5 |  22E5 |  22F5 |
| 6 |  2286 |  2296 |  22A6 |  22B6 |  22C6 |  22D6 |  22E6 |  22F6 |
| 7 |  2287 |  2297 |  22A7 |  22B7 |  22C7 |  22D7 |  22E7 |  22F7 |
| 8 |  2288 |  2298 |  22A8 |  22B8 |  22C8 |  22D8 |  22E8 |  22F8 |
| 9 |  2289 |  2299 |  22A9 |  22B9 |  22C9 |  22D9 |  22E9 |  22F9 |
| A |  228A |  229A |  22AA |  22BA |  22CA |  22DA |  22EA |  22FA |
| B |  228B |  229B |  22AB |  22BB |  22CB |  22DB |  22EB |  22FB |
| C |  228C |  229C |  22AC |  22BC |  22CC |  22DC |  22EC |  22FC |
| D |  228D |  229D |  22AD |  22BD |  22CD |  22DD |  22ED |  22FD |
| E |  228E |  229E |  22AE |  22BE |  22CE |  22DE |  22EE |  22FE |
| F |  228F |  229F |  22AF |  22BF |  22CF |  22DF |  22EF |  22FF |

G = 00
P = 00

Table 65 - Row 22: Mathematical Operators

































































































































| HEX | NAME | HEX | NAME |
|------|--|------|--|
| 2280 | DOES NOT PRECEDE | 22DD | EQUAL TO OR GREATER-THAN |
| 2281 | DOES NOT SUCCEED | 22DE | EQUAL TO OR PRECEDES |
| 2282 | SUBSET OF | 22DF | EQUAL TO OR SUCCEEDS |
| 2283 | SUPERSET OF | 22E0 | DOES NOT PRECEDE OR EQUAL |
| 2284 | NOT A SUBSET OF | 22E1 | DOES NOT SUCCEED OR EQUAL |
| 2285 | NOT A SUPERSET OF | 22E2 | NOT SQUARE IMAGE OF OR EQUAL TO |
| 2286 | SUBSET OF OR EQUAL TO | 22E3 | NOT SQUARE ORIGINAL OF OR EQUAL TO |
| 2287 | SUPERSET OF OR EQUAL TO | 22E4 | SQUARE IMAGE OF OR NOT EQUAL TO |
| 2288 | NEITHER A SUBSET OF NOR EQUAL TO | 22E5 | SQUARE ORIGINAL OF OR NOT EQUAL TO |
| 2289 | NEITHER A SUPERSET OF NOR EQUAL TO | 22E6 | LESS-THAN BUT NOT EQUIVALENT TO |
| 228A | SUBSET OF WITH NOT EQUAL TO | 22E7 | GREATER-THAN BUT NOT EQUIVALENT TO |
| 228B | SUPERSET OF WITH NOT EQUAL TO | 22E8 | PRECEDES BUT NOT EQUIVALENT TO |
| 228C | MULTISET | 22E9 | SUCCEEDS BUT NOT EQUIVALENT TO |
| 228D | MULTISET MULTIPLICATION | 22EA | NOT NORMAL SUBGROUP OF |
| 228E | MULTISET UNION | 22EB | DOES NOT CONTAIN AS NORMAL SUBGROUP |
| 228F | SQUARE IMAGE OF | 22EC | NOT NORMAL SUBGROUP OF OR EQUAL TO |
| 2290 | SQUARE ORIGINAL OF | 22ED | DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL |
| 2291 | SQUARE IMAGE OF OR EQUAL TO | 22EE | VERTICAL ELLIPSIS |
| 2292 | SQUARE ORIGINAL OF OR EQUAL TO | 22EF | MIDLINE HORIZONTAL ELLIPSIS |
| 2293 | SQUARE CAP | 22F0 | UP RIGHT DIAGONAL ELLIPSIS |
| 2294 | SQUARE CUP | 22F1 | DOWN RIGHT DIAGONAL ELLIPSIS |
| 2295 | CIRCLED PLUS | 22F2 | ELEMENT OF WITH LONG HORIZONTAL STROKE |
| 2296 | CIRCLED MINUS | 22F3 | ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE |
| 2297 | CIRCLED TIMES | 22F4 | SMALL ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE |
| 2298 | CIRCLED DIVISION SLASH | 22F5 | ELEMENT OF WITH DOT ABOVE |
| 2299 | CIRCLED DOT OPERATOR | 22F6 | ELEMENT OF WITH OVERBAR |
| 229A | CIRCLED RING OPERATOR | 22F7 | SMALL ELEMENT OF WITH OVERBAR |
| 229B | CIRCLED ASTERISK OPERATOR | 22F8 | ELEMENT OF WITH UNDERBAR |
| 229C | CIRCLED EQUALS | 22F9 | ELEMENT OF WITH TWO HORIZONTAL STROKES |
| 229D | CIRCLED DASH | 22FA | CONTAINS WITH LONG HORIZONTAL STROKE |
| 229E | SQUARED PLUS | 22FB | CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE |
| 229F | SQUARED MINUS | 22FC | SMALL CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE |
| 22A0 | SQUARED TIMES | 22FD | CONTAINS WITH OVERBAR |
| 22A1 | SQUARED DOT OPERATOR | 22FE | SMALL CONTAINS WITH OVERBAR |
| 22A2 | RIGHT TACK | 22FF | Z NOTATION BAG MEMBERSHIP |
| 22A3 | LEFT TACK | | |
| 22A4 | DOWN TACK | | |
| 22A5 | UP TACK | | |
| 22A6 | ASSERTION | | |
| 22A7 | MODELS | | |
| 22A8 | TRUE | | |
| 22A9 | FORCES | | |
| 22AA | TRIPLE VERTICAL BAR RIGHT TURNSTILE | | |
| 22AB | DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE | | |
| 22AC | DOES NOT PROVE | | |
| 22AD | NOT TRUE | | |
| 22AE | DOES NOT FORCE | | |
| 22AF | NEGATED DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE | | |
| 22B0 | PRECEDES UNDER RELATION | | |
| 22B1 | SUCCEEDS UNDER RELATION | | |
| 22B2 | NORMAL SUBGROUP OF | | |
| 22B3 | CONTAINS AS NORMAL SUBGROUP | | |
| 22B4 | NORMAL SUBGROUP OF OR EQUAL TO | | |
| 22B5 | CONTAINS AS NORMAL SUBGROUP OR EQUAL TO | | |
| 22B6 | ORIGINAL OF | | |
| 22B7 | IMAGE OF | | |
| 22B8 | MULTIMAP | | |
| 22B9 | HERMITIAN CONJUGATE MATRIX | | |
| 22BA | INTERCALATE | | |
| 22BB | XOR | | |
| 22BC | NAND | | |
| 22BD | NOR | | |
| 22BE | RIGHT ANGLE WITH ARC | | |
| 22BF | RIGHT TRIANGLE | | |
| 22C0 | N-ARY LOGICAL AND | | |
| 22C1 | N-ARY LOGICAL OR | | |
| 22C2 | N-ARY INTERSECTION | | |
| 22C3 | N-ARY UNION | | |
| 22C4 | DIAMOND OPERATOR | | |
| 22C5 | DOT OPERATOR | | |
| 22C6 | STAR OPERATOR | | |
| 22C7 | DIVISION TIMES | | |
| 22C8 | BOWTIE | | |
| 22C9 | LEFT NORMAL FACTOR SEMIDIRECT PRODUCT | | |
| 22CA | RIGHT NORMAL FACTOR SEMIDIRECT PRODUCT | | |
| 22CB | LEFT SEMIDIRECT PRODUCT | | |
| 22CC | RIGHT SEMIDIRECT PRODUCT | | |
| 22CD | REVERSED TILDE EQUALS | | |
| 22CE | CURLY LOGICAL OR | | |
| 22CF | CURLY LOGICAL AND | | |
| 22D0 | DOUBLE SUBSET | | |
| 22D1 | DOUBLE SUPERSET | | |
| 22D2 | DOUBLE INTERSECTION | | |
| 22D3 | DOUBLE UNION | | |
| 22D4 | PITCHFORK | | |
| 22D5 | EQUAL AND PARALLEL TO | | |
| 22D6 | LESS-THAN WITH DOT | | |
| 22D7 | GREATER-THAN WITH DOT | | |
| 22D8 | VERY MUCH LESS-THAN | | |
| 22D9 | VERY MUCH GREATER-THAN | | |
| 22DA | LESS-THAN EQUAL TO OR GREATER-THAN | | |
| 22DB | GREATER-THAN EQUAL TO OR LESS-THAN | | |
| 22DC | EQUAL TO OR LESS-THAN | | |

Group 00

Plane 00

Row 22

Table 66 - Row 23: Miscellaneous Technical

| | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 |
|---|---|---|---|---|---|---|--|---|
| 0 |  2300 |  2310 |  2320 |  2330 |  2340 |  2350 |  2360 |  2370 |
| 1 |  2301 |  2311 |  2321 |  2331 |  2341 |  2351 |  2361 |  2371 |
| 2 |  2302 |  2312 |  2322 |  2332 |  2342 |  2352 |  2362 |  2372 |
| 3 |  2303 |  2313 |  2323 |  2333 |  2343 |  2353 |  2363 |  2373 |
| 4 |  2304 |  2314 |  2324 |  2334 |  2344 |  2354 |  2364 |  2374 |
| 5 |  2305 |  2315 |  2325 |  2335 |  2345 |  2355 |  2365 |  2375 |
| 6 |  2306 |  2316 |  2326 |  2336 |  2346 |  2356 |  2366 |  2376 |
| 7 |  2307 |  2317 |  2327 |  2337 |  2347 |  2357 |  2367 |  2377 |
| 8 |  2308 |  2318 |  2328 |  2338 |  2348 |  2358 |  2368 |  2378 |
| 9 |  2309 |  2319 |  2329 |  2339 |  2349 |  2359 |  2369 |  2379 |
| A |  230A |  231A |  232A |  233A |  234A |  235A |  236A |  237A |
| B |  230B |  231B |  232B |  233B |  234B |  235B |  236B |  237B |
| C |  230C |  231C |  232C |  233C |  234C |  235C |  236C |  237C |
| D |  230D |  231D |  232D |  233D |  234D |  235D |  236D |  237D |
| E |  230E |  231E |  232E |  233E |  234E |  235E |  236E |  237E |
| F |  230F |  231F |  232F |  233F |  234F |  235F |  236F |  237F |

G = 00
P = 00

Table 66 - Row 23: Miscellaneous Technical











































































| HEX | NAME | HEX | NAME |
|------|---|------|--|
| 2300 | DIAMETER SIGN | 235D | APL FUNCTIONAL SYMBOL UP SHOE JOT |
| 2301 | ELECTRIC ARROW | 235E | APL FUNCTIONAL SYMBOL QUOTE QUAD |
| 2302 | HOUSE | 235F | APL FUNCTIONAL SYMBOL CIRCLE STAR |
| 2303 | UP ARROWHEAD | 2360 | APL FUNCTIONAL SYMBOL QUAD COLON |
| 2304 | DOWN ARROWHEAD | 2361 | APL FUNCTIONAL SYMBOL UP TACK DIAERESIS * |
| 2305 | PROJECTIVE | 2362 | APL FUNCTIONAL SYMBOL DEL DIAERESIS |
| 2306 | PERSPECTIVE | 2363 | APL FUNCTIONAL SYMBOL STAR DIAERESIS |
| 2307 | WAVY LINE | 2364 | APL FUNCTIONAL SYMBOL JOT DIAERESIS |
| 2308 | LEFT CEILING | 2365 | APL FUNCTIONAL SYMBOL CIRCLE DIAERESIS |
| 2309 | RIGHT CEILING | 2366 | APL FUNCTIONAL SYMBOL DOWN SHOE STILE |
| 230A | LEFT FLOOR | 2367 | APL FUNCTIONAL SYMBOL LEFT SHOE STILE |
| 230B | RIGHT FLOOR | 2368 | APL FUNCTIONAL SYMBOL TILDE DIAERESIS |
| 230C | BOTTOM RIGHT CROP | 2369 | APL FUNCTIONAL SYMBOL GREATER-THAN DIAERESIS |
| 230D | BOTTOM LEFT CROP | 236A | APL FUNCTIONAL SYMBOL COMMA BAR |
| 230E | TOP RIGHT CROP | 236B | APL FUNCTIONAL SYMBOL DEL TILDE |
| 230F | TOP LEFT CROP | 236C | APL FUNCTIONAL SYMBOL ZILDE |
| 2310 | REVERSED NOT SIGN | 236D | APL FUNCTIONAL SYMBOL STILE TILDE |
| 2311 | SQUARE LOZENGE | 236E | APL FUNCTIONAL SYMBOL SEMICOLON UNDERBAR |
| 2312 | ARC | 236F | APL FUNCTIONAL SYMBOL QUAD NOT EQUAL |
| 2313 | SEGMENT | 2370 | APL FUNCTIONAL SYMBOL QUAD QUESTION |
| 2314 | SECTOR | 2371 | APL FUNCTIONAL SYMBOL DOWN CARET TILDE |
| 2315 | TELEPHONE RECORDER | 2372 | APL FUNCTIONAL SYMBOL UP CARET TILDE |
| 2316 | POSITION INDICATOR | 2373 | APL FUNCTIONAL SYMBOL IOTA |
| 2317 | VIEWDATA SQUARE | 2374 | APL FUNCTIONAL SYMBOL RHO |
| 2318 | PLACE OF INTEREST SIGN | 2375 | APL FUNCTIONAL SYMBOL OMEGA |
| 2319 | TURNED NOT SIGN | 2376 | APL FUNCTIONAL SYMBOL ALPHA UNDERBAR |
| 231A | WATCH | 2377 | APL FUNCTIONAL SYMBOL EPSILON UNDERBAR |
| 231B | HOURLASS | 2378 | APL FUNCTIONAL SYMBOL IOTA UNDERBAR |
| 231C | TOP LEFT CORNER | 2379 | APL FUNCTIONAL SYMBOL OMEGA UNDERBAR |
| 231D | TOP RIGHT CORNER | 237A | APL FUNCTIONAL SYMBOL ALPHA |
| 231E | BOTTOM LEFT CORNER | 237B | NOT CHECK MARK |
| 231F | BOTTOM RIGHT CORNER | 237C | RIGHT ANGLE WITH DOWNWARDS ZIGZAG ARROW |
| 2320 | TOP HALF INTEGRAL | 237D | SHOULDERED OPEN BOX |
| 2321 | BOTTOM HALF INTEGRAL | 237E | BELL SYMBOL |
| 2322 | FROWN | 237F | VERTICAL LINE WITH MIDDLE DOT |
| 2323 | SMILE | | |
| 2324 | UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS | | |
| 2325 | OPTION KEY | | |
| 2326 | ERASE TO THE RIGHT | | |
| 2327 | X IN A RECTANGLE BOX | | |
| 2328 | KEYBOARD | | |
| 2329 | LEFT-POINTING ANGLE BRACKET | | |
| 232A | RIGHT-POINTING ANGLE BRACKET | | |
| 232B | ERASE TO THE LEFT | | |
| 232C | BENZENE RING | | |
| 232D | CYLINDRICITY | | |
| 232E | ALL AROUND-PROFILE | | |
| 232F | SYMMETRY | | |
| 2330 | TOTAL RUNOUT | | |
| 2331 | DIMENSION ORIGIN | | |
| 2332 | CONICAL TAPER | | |
| 2333 | SLOPE | | |
| 2334 | COUNTERBORE | | |
| 2335 | COUNTERSINK | | |
| 2336 | APL FUNCTIONAL SYMBOL I-BEAM | | |
| 2337 | APL FUNCTIONAL SYMBOL SQUISH QUAD | | |
| 2338 | APL FUNCTIONAL SYMBOL QUAD EQUAL | | |
| 2339 | APL FUNCTIONAL SYMBOL QUAD DIVIDE | | |
| 233A | APL FUNCTIONAL SYMBOL QUAD DIAMOND | | |
| 233B | APL FUNCTIONAL SYMBOL QUAD JOT | | |
| 233C | APL FUNCTIONAL SYMBOL QUAD CIRCLE | | |
| 233D | APL FUNCTIONAL SYMBOL CIRCLE STILE | | |
| 233E | APL FUNCTIONAL SYMBOL CIRCLE JOT | | |
| 233F | APL FUNCTIONAL SYMBOL SLASH BAR | | |
| 2340 | APL FUNCTIONAL SYMBOL BACKSLASH BAR | | |
| 2341 | APL FUNCTIONAL SYMBOL QUAD SLASH | | |
| 2342 | APL FUNCTIONAL SYMBOL QUAD BACKSLASH | | |
| 2343 | APL FUNCTIONAL SYMBOL QUAD LESS-THAN | | |
| 2344 | APL FUNCTIONAL SYMBOL QUAD GREATER-THAN | | |
| 2345 | APL FUNCTIONAL SYMBOL LEFTWARDS VANE | | |
| 2346 | APL FUNCTIONAL SYMBOL RIGHTWARDS VANE | | |
| 2347 | APL FUNCTIONAL SYMBOL QUAD LEFTWARDS ARROW | | |
| 2348 | APL FUNCTIONAL SYMBOL QUAD RIGHTWARDS ARROW | | |
| 2349 | APL FUNCTIONAL SYMBOL CIRCLE BACKSLASH | | |
| 234A | APL FUNCTIONAL SYMBOL DOWN TACK UNDERBAR * | | |
| 234B | APL FUNCTIONAL SYMBOL DELTA STILE | | |
| 234C | APL FUNCTIONAL SYMBOL QUAD DOWN CARET | | |
| 234D | APL FUNCTIONAL SYMBOL QUAD DELTA | | |
| 234E | APL FUNCTIONAL SYMBOL DOWN TACK JOT * | | |
| 234F | APL FUNCTIONAL SYMBOL UPWARDS VANE | | |
| 2350 | APL FUNCTIONAL SYMBOL QUAD UPWARDS ARROW | | |
| 2351 | APL FUNCTIONAL SYMBOL UP TACK OVERBAR * | | |
| 2352 | APL FUNCTIONAL SYMBOL DEL STILE | | |
| 2353 | APL FUNCTIONAL SYMBOL QUAD UP CARET | | |
| 2354 | APL FUNCTIONAL SYMBOL QUAD DEL | | |
| 2355 | APL FUNCTIONAL SYMBOL UP TACK JOT * | | |
| 2356 | APL FUNCTIONAL SYMBOL DOWNWARDS VANE | | |
| 2357 | APL FUNCTIONAL SYMBOL QUAD DOWNWARDS ARROW | | |
| 2358 | APL FUNCTIONAL SYMBOL QUOTE UNDERBAR | | |
| 2359 | APL FUNCTIONAL SYMBOL DELTA UNDERBAR | | |
| 235A | APL FUNCTIONAL SYMBOL DIAMOND UNDERBAR | | |
| 235B | APL FUNCTIONAL SYMBOL JOT UNDERBAR | | |
| 235C | APL FUNCTIONAL SYMBOL CIRCLE UNDERBAR | | |

Group 00

Plane 00

Row 23

Table 67 - Row 23: Miscellaneous Technical

| | 238 | 239 | 23A | 23B | 23C | 23D | 23E | 23F |
|---|---|---|---|---|---|-----|-----|-----|
| 0 |  2380 |  2390 |  23A0 |  23B0 |  23C0 | | | |
| 1 |  2381 |  2391 |  23A1 |  23B1 |  23C1 | | | |
| 2 |  2382 |  2392 |  23A2 |  23B2 |  23C2 | | | |
| 3 |  2383 |  2393 |  23A3 |  23B3 |  23C3 | | | |
| 4 |  2384 |  2394 |  23A4 |  23B4 |  23C4 | | | |
| 5 |  2385 |  2395 |  23A5 |  23B5 |  23C5 | | | |
| 6 |  2386 |  2396 |  23A6 |  23B6 |  23C6 | | | |
| 7 |  2387 |  2397 |  23A7 |  23B7 |  23C7 | | | |
| 8 |  2388 |  2398 |  23A8 |  23B8 |  23C8 | | | |
| 9 |  2389 |  2399 |  23A9 |  23B9 |  23C9 | | | |
| A |  238A |  239A |  23AA |  23BA |  23CA | | | |
| B |  238B |  239B |  23AB |  23BB |  23CB | | | |
| C |  238C |  239C |  23AC |  23BC |  23CC | | | |
| D |  238D |  239D |  23AD |  23BD |  23CD | | | |
| E |  238E |  239E |  23AE |  23BE |  23CE | | | |
| F |  238F |  239F |  23AF |  23BF | | | | |

G = 00
P = 00

Table 67 - Row 23: Miscellaneous Technical

| HEX | NAME | HEX | NAME |
|------|--|------|-----------------------------------|
| 2380 | INSERTION SYMBOL | 23DD | (This position shall not be used) |
| 2381 | CONTINUOUS UNDERLINE SYMBOL | 23DE | (This position shall not be used) |
| 2382 | DISCONTINUOUS UNDERLINE SYMBOL | 23DF | (This position shall not be used) |
| 2383 | EMPHASIS SYMBOL | 23E0 | (This position shall not be used) |
| 2384 | COMPOSITION SYMBOL | 23E1 | (This position shall not be used) |
| 2385 | WHITE SQUARE WITH CENTRE VERTICAL LINE | 23E2 | (This position shall not be used) |
| 2386 | ENTER SYMBOL | 23E3 | (This position shall not be used) |
| 2387 | ALTERNATIVE KEY SYMBOL | 23E4 | (This position shall not be used) |
| 2388 | HELM SYMBOL | 23E5 | (This position shall not be used) |
| 2389 | CIRCLED HORIZONTAL BAR WITH NOTCH (pause) | 23E6 | (This position shall not be used) |
| 238A | CIRCLED TRIANGLE DOWN (break) | 23E7 | (This position shall not be used) |
| 238B | BROKEN CIRCLE WITH NORTHWEST ARROW (escape) | 23E8 | (This position shall not be used) |
| 238C | UNDO SYMBOL | 23E9 | (This position shall not be used) |
| 238D | MONOSTABLE SYMBOL | 23EA | (This position shall not be used) |
| 238E | HYSTERESIS SYMBOL | 23EB | (This position shall not be used) |
| 238F | OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL | 23EC | (This position shall not be used) |
| 2390 | OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL | 23ED | (This position shall not be used) |
| 2391 | PASSIVE-PULL-DOWN-OUTPUT SYMBOL | 23EE | (This position shall not be used) |
| 2392 | PASSIVE-PULL-UP-OUTPUT SYMBOL | 23EF | (This position shall not be used) |
| 2393 | DIRECT CURRENT SYMBOL FORM TWO | 23F0 | (This position shall not be used) |
| 2394 | SOFTWARE-FUNCTION SYMBOL | 23F1 | (This position shall not be used) |
| 2395 | APL FUNCTIONAL SYMBOL QUAD | 23F2 | (This position shall not be used) |
| 2396 | DECIMAL SEPARATOR KEY SYMBOL | 23F3 | (This position shall not be used) |
| 2397 | PREVIOUS PAGE | 23F4 | (This position shall not be used) |
| 2398 | NEXT PAGE | 23F5 | (This position shall not be used) |
| 2399 | PRINT SCREEN SYMBOL | 23F6 | (This position shall not be used) |
| 239A | CLEAR SCREEN SYMBOL | 23F7 | (This position shall not be used) |
| 239B | LEFT PARENTHESIS UPPER HOOK | 23F8 | (This position shall not be used) |
| 239C | LEFT PARENTHESIS EXTENSION | 23F9 | (This position shall not be used) |
| 239D | LEFT PARENTHESIS LOWER HOOK | 23FA | (This position shall not be used) |
| 239E | RIGHT PARENTHESIS UPPER HOOK | 23FB | (This position shall not be used) |
| 239F | RIGHT PARENTHESIS EXTENSION | 23FC | (This position shall not be used) |
| 23A0 | RIGHT PARENTHESIS LOWER HOOK | 23FD | (This position shall not be used) |
| 23A1 | LEFT SQUARE BRACKET UPPER CORNER | 23FE | (This position shall not be used) |
| 23A2 | LEFT SQUARE BRACKET EXTENSION | 23FF | (This position shall not be used) |
| 23A3 | LEFT SQUARE BRACKET LOWER CORNER | | |
| 23A4 | RIGHT SQUARE BRACKET UPPER CORNER | | |
| 23A5 | RIGHT SQUARE BRACKET EXTENSION | | |
| 23A6 | RIGHT SQUARE BRACKET LOWER CORNER | | |
| 23A7 | LEFT CURLY BRACKET UPPER HOOK | | |
| 23A8 | LEFT CURLY BRACKET MIDDLE PIECE | | |
| 23A9 | LEFT CURLY BRACKET LOWER HOOK | | |
| 23AA | CURLY BRACKET EXTENSION | | |
| 23AB | RIGHT CURLY BRACKET UPPER HOOK | | |
| 23AC | RIGHT CURLY BRACKET MIDDLE PIECE | | |
| 23AD | RIGHT CURLY BRACKET LOWER HOOK | | |
| 23AE | INTEGRAL EXTENSION | | |
| 23AF | HORIZONTAL LINE EXTENSION | | |
| 23B0 | UPPER LEFT OR LOWER RIGHT CURLY BRACKET SECTION | | |
| 23B1 | UPPER RIGHT OR LOWER LEFT CURLY BRACKET SECTION | | |
| 23B2 | SUMMATION TOP | | |
| 23B3 | SUMMATION BOTTOM | | |
| 23B4 | TOP SQUARE BRACKET | | |
| 23B5 | BOTTOM SQUARE BRACKET | | |
| 23B6 | BOTTOM SQUARE BRACKET OVER TOP SQUARE BRACKET | | |
| 23B7 | RADICAL SYMBOL BOTTOM | | |
| 23B8 | LEFT VERTICAL BOX LINE | | |
| 23B9 | RIGHT VERTICAL BOX LINE | | |
| 23BA | HORIZONTAL SCAN LINE-1 | | |
| 23BB | HORIZONTAL SCAN LINE-3 | | |
| 23BC | HORIZONTAL SCAN LINE-7 | | |
| 23BD | HORIZONTAL SCAN LINE-9 | | |
| 23BE | DENTIST SYMBOL LIGHT VERTICAL AND TOP RIGHT | | |
| 23BF | DENTIST SYMBOL LIGHT VERTICAL AND BOTTOM RIGHT | | |
| 23C0 | DENTIST SYMBOL LIGHT VERTICAL WITH CIRCLE | | |
| 23C1 | DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL WITH CIRCLE | | |
| 23C2 | DENTIST SYMBOL LIGHT UP AND HORIZONTAL WITH CIRCLE | | |
| 23C3 | DENTIST SYMBOL LIGHT VERTICAL WITH TRIANGLE | | |
| 23C4 | DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL WITH TRIANGLE | | |
| 23C5 | DENTIST SYMBOL LIGHT UP AND HORIZONTAL WITH TRIANGLE | | |
| 23C6 | DENTIST SYMBOL LIGHT VERTICAL AND WAVE | | |
| 23C7 | DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL WITH WAVE | | |
| 23C8 | DENTIST SYMBOL LIGHT UP AND HORIZONTAL WITH WAVE | | |
| 23C9 | DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL | | |
| 23CA | DENTIST SYMBOL LIGHT UP AND HORIZONTAL | | |
| 23CB | DENTIST SYMBOL LIGHT VERTICAL AND TOP LEFT | | |
| 23CC | DENTIST SYMBOL LIGHT VERTICAL AND BOTTOM LEFT | | |
| 23CD | SQUARE FOOT | | |
| 23CE | RETURN SYMBOL | | |
| 23CF | (This position shall not be used) | | |
| 23D0 | (This position shall not be used) | | |
| 23D1 | (This position shall not be used) | | |
| 23D2 | (This position shall not be used) | | |
| 23D3 | (This position shall not be used) | | |
| 23D4 | (This position shall not be used) | | |
| 23D5 | (This position shall not be used) | | |
| 23D6 | (This position shall not be used) | | |
| 23D7 | (This position shall not be used) | | |
| 23D8 | (This position shall not be used) | | |
| 23D9 | (This position shall not be used) | | |
| 23DA | (This position shall not be used) | | |
| 23DB | (This position shall not be used) | | |
| 23DC | (This position shall not be used) | | |

Group 00

Plane 00

Row 23

Table 70 - Row 24: Enclosed Alphanumerics

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

G = 00
P = 00

Table 70 - Row 24: Enclosed Alphanumerics

































| HEX | NAME | HEX | NAME |
|------|------------------------------------|------|-----------------------------------|
| 2460 | CIRCLED DIGIT ONE | 24BD | CIRCLED LATIN CAPITAL LETTER H |
| 2461 | CIRCLED DIGIT TWO | 24BE | CIRCLED LATIN CAPITAL LETTER I |
| 2462 | CIRCLED DIGIT THREE | 24BF | CIRCLED LATIN CAPITAL LETTER J |
| 2463 | CIRCLED DIGIT FOUR | 24C0 | CIRCLED LATIN CAPITAL LETTER K |
| 2464 | CIRCLED DIGIT FIVE | 24C1 | CIRCLED LATIN CAPITAL LETTER L |
| 2465 | CIRCLED DIGIT SIX | 24C2 | CIRCLED LATIN CAPITAL LETTER M |
| 2466 | CIRCLED DIGIT SEVEN | 24C3 | CIRCLED LATIN CAPITAL LETTER N |
| 2467 | CIRCLED DIGIT EIGHT | 24C4 | CIRCLED LATIN CAPITAL LETTER O |
| 2468 | CIRCLED DIGIT NINE | 24C5 | CIRCLED LATIN CAPITAL LETTER P |
| 2469 | CIRCLED NUMBER TEN | 24C6 | CIRCLED LATIN CAPITAL LETTER Q |
| 246A | CIRCLED NUMBER ELEVEN | 24C7 | CIRCLED LATIN CAPITAL LETTER R |
| 246B | CIRCLED NUMBER TWELVE | 24C8 | CIRCLED LATIN CAPITAL LETTER S |
| 246C | CIRCLED NUMBER THIRTEEN | 24C9 | CIRCLED LATIN CAPITAL LETTER T |
| 246D | CIRCLED NUMBER FOURTEEN | 24CA | CIRCLED LATIN CAPITAL LETTER U |
| 246E | CIRCLED NUMBER FIFTEEN | 24CB | CIRCLED LATIN CAPITAL LETTER V |
| 246F | CIRCLED NUMBER SIXTEEN | 24CC | CIRCLED LATIN CAPITAL LETTER W |
| 2470 | CIRCLED NUMBER SEVENTEEN | 24CD | CIRCLED LATIN CAPITAL LETTER X |
| 2471 | CIRCLED NUMBER EIGHTEEN | 24CE | CIRCLED LATIN CAPITAL LETTER Y |
| 2472 | CIRCLED NUMBER NINETEEN | 24CF | CIRCLED LATIN CAPITAL LETTER Z |
| 2473 | CIRCLED NUMBER TWENTY | 24D0 | CIRCLED LATIN SMALL LETTER A |
| 2474 | PARENTHESIZED DIGIT ONE | 24D1 | CIRCLED LATIN SMALL LETTER B |
| 2475 | PARENTHESIZED DIGIT TWO | 24D2 | CIRCLED LATIN SMALL LETTER C |
| 2476 | PARENTHESIZED DIGIT THREE | 24D3 | CIRCLED LATIN SMALL LETTER D |
| 2477 | PARENTHESIZED DIGIT FOUR | 24D4 | CIRCLED LATIN SMALL LETTER E |
| 2478 | PARENTHESIZED DIGIT FIVE | 24D5 | CIRCLED LATIN SMALL LETTER F |
| 2479 | PARENTHESIZED DIGIT SIX | 24D6 | CIRCLED LATIN SMALL LETTER G |
| 247A | PARENTHESIZED DIGIT SEVEN | 24D7 | CIRCLED LATIN SMALL LETTER H |
| 247B | PARENTHESIZED DIGIT EIGHT | 24D8 | CIRCLED LATIN SMALL LETTER I |
| 247C | PARENTHESIZED DIGIT NINE | 24D9 | CIRCLED LATIN SMALL LETTER J |
| 247D | PARENTHESIZED NUMBER TEN | 24DA | CIRCLED LATIN SMALL LETTER K |
| 247E | PARENTHESIZED NUMBER ELEVEN | 24DB | CIRCLED LATIN SMALL LETTER L |
| 247F | PARENTHESIZED NUMBER TWELVE | 24DC | CIRCLED LATIN SMALL LETTER M |
| 2480 | PARENTHESIZED NUMBER THIRTEEN | 24DD | CIRCLED LATIN SMALL LETTER N |
| 2481 | PARENTHESIZED NUMBER FOURTEEN | 24DE | CIRCLED LATIN SMALL LETTER O |
| 2482 | PARENTHESIZED NUMBER FIFTEEN | 24DF | CIRCLED LATIN SMALL LETTER P |
| 2483 | PARENTHESIZED NUMBER SIXTEEN | 24E0 | CIRCLED LATIN SMALL LETTER Q |
| 2484 | PARENTHESIZED NUMBER SEVENTEEN | 24E1 | CIRCLED LATIN SMALL LETTER R |
| 2485 | PARENTHESIZED NUMBER EIGHTEEN | 24E2 | CIRCLED LATIN SMALL LETTER S |
| 2486 | PARENTHESIZED NUMBER NINETEEN | 24E3 | CIRCLED LATIN SMALL LETTER T |
| 2487 | PARENTHESIZED NUMBER TWENTY | 24E4 | CIRCLED LATIN SMALL LETTER U |
| 2488 | DIGIT ONE FULL STOP | 24E5 | CIRCLED LATIN SMALL LETTER V |
| 2489 | DIGIT TWO FULL STOP | 24E6 | CIRCLED LATIN SMALL LETTER W |
| 248A | DIGIT THREE FULL STOP | 24E7 | CIRCLED LATIN SMALL LETTER X |
| 248B | DIGIT FOUR FULL STOP | 24E8 | CIRCLED LATIN SMALL LETTER Y |
| 248C | DIGIT FIVE FULL STOP | 24E9 | CIRCLED LATIN SMALL LETTER Z |
| 248D | DIGIT SIX FULL STOP | 24EA | CIRCLED DIGIT ZERO |
| 248E | DIGIT SEVEN FULL STOP | 24EB | NEGATIVE CIRCLED NUMBER ELEVEN |
| 248F | DIGIT EIGHT FULL STOP | 24EC | NEGATIVE CIRCLED NUMBER TWELVE |
| 2490 | DIGIT NINE FULL STOP | 24ED | NEGATIVE CIRCLED NUMBER THIRTEEN |
| 2491 | NUMBER TEN FULL STOP | 24EE | NEGATIVE CIRCLED NUMBER FOURTEEN |
| 2492 | NUMBER ELEVEN FULL STOP | 24EF | NEGATIVE CIRCLED NUMBER FIFTEEN |
| 2493 | NUMBER TWELVE FULL STOP | 24F0 | NEGATIVE CIRCLED NUMBER SIXTEEN |
| 2494 | NUMBER THIRTEEN FULL STOP | 24F1 | NEGATIVE CIRCLED NUMBER SEVENTEEN |
| 2495 | NUMBER FOURTEEN FULL STOP | 24F2 | NEGATIVE CIRCLED NUMBER EIGHTEEN |
| 2496 | NUMBER FIFTEEN FULL STOP | 24F3 | NEGATIVE CIRCLED NUMBER NINETEEN |
| 2497 | NUMBER SIXTEEN FULL STOP | 24F4 | NEGATIVE CIRCLED NUMBER TWENTY |
| 2498 | NUMBER SEVENTEEN FULL STOP | 24F5 | DOUBLE CIRCLED DIGIT ONE |
| 2499 | NUMBER EIGHTEEN FULL STOP | 24F6 | DOUBLE CIRCLED DIGIT TWO |
| 249A | NUMBER NINETEEN FULL STOP | 24F7 | DOUBLE CIRCLED DIGIT THREE |
| 249B | NUMBER TWENTY FULL STOP | 24F8 | DOUBLE CIRCLED DIGIT FOUR |
| 249C | PARENTHESIZED LATIN SMALL LETTER A | 24F9 | DOUBLE CIRCLED DIGIT FIVE |
| 249D | PARENTHESIZED LATIN SMALL LETTER B | 24FA | DOUBLE CIRCLED DIGIT SIX |
| 249E | PARENTHESIZED LATIN SMALL LETTER C | 24FB | DOUBLE CIRCLED DIGIT SEVEN |
| 249F | PARENTHESIZED LATIN SMALL LETTER D | 24FC | DOUBLE CIRCLED DIGIT EIGHT |
| 24A0 | PARENTHESIZED LATIN SMALL LETTER E | 24FD | DOUBLE CIRCLED DIGIT NINE |
| 24A1 | PARENTHESIZED LATIN SMALL LETTER F | 24FE | DOUBLE CIRCLED NUMBER TEN |
| 24A2 | PARENTHESIZED LATIN SMALL LETTER G | 24FF | (This position shall not be used) |
| 24A3 | PARENTHESIZED LATIN SMALL LETTER H | | |
| 24A4 | PARENTHESIZED LATIN SMALL LETTER I | | |
| 24A5 | PARENTHESIZED LATIN SMALL LETTER J | | |
| 24A6 | PARENTHESIZED LATIN SMALL LETTER K | | |
| 24A7 | PARENTHESIZED LATIN SMALL LETTER L | | |
| 24A8 | PARENTHESIZED LATIN SMALL LETTER M | | |
| 24A9 | PARENTHESIZED LATIN SMALL LETTER N | | |
| 24AA | PARENTHESIZED LATIN SMALL LETTER O | | |
| 24AB | PARENTHESIZED LATIN SMALL LETTER P | | |
| 24AC | PARENTHESIZED LATIN SMALL LETTER Q | | |
| 24AD | PARENTHESIZED LATIN SMALL LETTER R | | |
| 24AE | PARENTHESIZED LATIN SMALL LETTER S | | |
| 24AF | PARENTHESIZED LATIN SMALL LETTER T | | |
| 24B0 | PARENTHESIZED LATIN SMALL LETTER U | | |
| 24B1 | PARENTHESIZED LATIN SMALL LETTER V | | |
| 24B2 | PARENTHESIZED LATIN SMALL LETTER W | | |
| 24B3 | PARENTHESIZED LATIN SMALL LETTER X | | |
| 24B4 | PARENTHESIZED LATIN SMALL LETTER Y | | |
| 24B5 | PARENTHESIZED LATIN SMALL LETTER Z | | |
| 24B6 | CIRCLED LATIN CAPITAL LETTER A | | |
| 24B7 | CIRCLED LATIN CAPITAL LETTER B | | |
| 24B8 | CIRCLED LATIN CAPITAL LETTER C | | |
| 24B9 | CIRCLED LATIN CAPITAL LETTER D | | |
| 24BA | CIRCLED LATIN CAPITAL LETTER E | | |
| 24BB | CIRCLED LATIN CAPITAL LETTER F | | |
| 24BC | CIRCLED LATIN CAPITAL LETTER G | | |

Group 00

Plane 00

Row 24

Table 72 - Row 25: Block Elements

| | 258 | 259 |
|---|---|---|
| 0 |  2580 |  2590 |
| 1 |  2581 |  2591 |
| 2 |  2582 |  2592 |
| 3 |  2583 |  2593 |
| 4 |  2584 |  2594 |
| 5 |  2585 |  2595 |
| 6 |  2586 |  2596 |
| 7 |  2587 |  2597 |
| 8 |  2588 |  2598 |
| 9 |  2589 |  2599 |
| A |  258A |  259A |
| B |  258B |  259B |
| C |  258C |  259C |
| D |  258D |  259D |
| E |  258E |  259E |
| F |  258F |  259F |

G = 00
P = 00

Table 72 - Row 25: Block Elements

































































































| HEX | NAME | HEX | NAME |
|------|---|-----|------|
| 2580 | UPPER HALF BLOCK | | |
| 2581 | LOWER ONE EIGHTH BLOCK | | |
| 2582 | LOWER ONE QUARTER BLOCK | | |
| 2583 | LOWER THREE EIGHTHS BLOCK | | |
| 2584 | LOWER HALF BLOCK | | |
| 2585 | LOWER FIVE EIGHTHS BLOCK | | |
| 2586 | LOWER THREE QUARTERS BLOCK | | |
| 2587 | LOWER SEVEN EIGHTHS BLOCK | | |
| 2588 | FULL BLOCK | | |
| 2589 | LEFT SEVEN EIGHTHS BLOCK | | |
| 258A | LEFT THREE QUARTERS BLOCK | | |
| 258B | LEFT FIVE EIGHTHS BLOCK | | |
| 258C | LEFT HALF BLOCK | | |
| 258D | LEFT THREE EIGHTHS BLOCK | | |
| 258E | LEFT ONE QUARTER BLOCK | | |
| 258F | LEFT ONE EIGHTH BLOCK | | |
| 2590 | RIGHT HALF BLOCK | | |
| 2591 | LIGHT SHADE | | |
| 2592 | MEDIUM SHADE | | |
| 2593 | DARK SHADE | | |
| 2594 | UPPER ONE EIGHTH BLOCK | | |
| 2595 | RIGHT ONE EIGHTH BLOCK | | |
| 2596 | QUADRANT LOWER LEFT | | |
| 2597 | QUADRANT LOWER RIGHT | | |
| 2598 | QUADRANT UPPER LEFT | | |
| 2599 | QUADRANT UPPER LEFT AND LOWER LEFT AND LOWER RIGHT | | |
| 259A | QUADRANT UPPER LEFT AND LOWER RIGHT | | |
| 259B | QUADRANT UPPER LEFT AND UPPER RIGHT AND LOWER LEFT | | |
| 259C | QUADRANT UPPER LEFT AND UPPER RIGHT AND LOWER RIGHT | | |
| 259D | QUADRANT UPPER RIGHT | | |
| 259E | QUADRANT UPPER RIGHT AND LOWER LEFT | | |
| 259F | QUADRANT UPPER RIGHT AND LOWER LEFT AND LOWER RIGHT | | |

Group 00

Plane 00

Row 25

Table 73 - Row 25: Geometric Shapes

| | 25A | 25B | 25C | 25D | 25E | 25F |
|---|---|---|---|---|---|--|
| 0 |  25A0 |  25B0 |  25C0 |  25D0 |  25E0 |  25F0 |
| 1 |  25A1 |  25B1 |  25C1 |  25D1 |  25E1 |  25F1 |
| 2 |  25A2 |  25B2 |  25C2 |  25D2 |  25E2 |  25F2 |
| 3 |  25A3 |  25B3 |  25C3 |  25D3 |  25E3 |  25F3 |
| 4 |  25A4 |  25B4 |  25C4 |  25D4 |  25E4 |  25F4 |
| 5 |  25A5 |  25B5 |  25C5 |  25D5 |  25E5 |  25F5 |
| 6 |  25A6 |  25B6 |  25C6 |  25D6 |  25E6 |  25F6 |
| 7 |  25A7 |  25B7 |  25C7 |  25D7 |  25E7 |  25F7 |
| 8 |  25A8 |  25B8 |  25C8 |  25D8 |  25E8 |  25F8 |
| 9 |  25A9 |  25B9 |  25C9 |  25D9 |  25E9 |  25F9 |
| A |  25AA |  25BA |  25CA |  25DA |  25EA |  25FA |
| B |  25AB |  25BB |  25CB |  25DB |  25EB |  25FB |
| C |  25AC |  25BC |  25CC |  25DC |  25EC |  25FC |
| D |  25AD |  25BD |  25CD |  25DD |  25ED |  25FD |
| E |  25AE |  25BE |  25CE |  25DE |  25EE |  25FE |
| F |  25AF |  25BF |  25CF |  25DF |  25EF |  25FF |

G = 00
P = 00

Table 73 - Row 25: Geometric Shapes

































































































































| HEX | NAME | HEX | NAME |
|------|---|------|--------------------------------|
| 25A0 | BLACK SQUARE | 25FD | WHITE MEDIUM SMALL SQUARE |
| 25A1 | WHITE SQUARE | 25FE | BLACK MEDIUM SMALL SQUARE |
| 25A2 | WHITE SQUARE WITH ROUNDED CORNERS | 25FF | WHITE DIAMOND WITH CENTRED DOT |
| 25A3 | WHITE SQUARE CONTAINING BLACK SMALL SQUARE | | |
| 25A4 | SQUARE WITH HORIZONTAL FILL | | |
| 25A5 | SQUARE WITH VERTICAL FILL | | |
| 25A6 | SQUARE WITH ORTHOGONAL CROSSHATCH FILL | | |
| 25A7 | SQUARE WITH UPPER LEFT TO LOWER RIGHT FILL | | |
| 25A8 | SQUARE WITH UPPER RIGHT TO LOWER LEFT FILL | | |
| 25A9 | SQUARE WITH DIAGONAL CROSSHATCH FILL | | |
| 25AA | BLACK SMALL SQUARE | | |
| 25AB | WHITE SMALL SQUARE | | |
| 25AC | BLACK RECTANGLE | | |
| 25AD | WHITE RECTANGLE | | |
| 25AE | BLACK VERTICAL RECTANGLE | | |
| 25AF | WHITE VERTICAL RECTANGLE | | |
| 25B0 | BLACK PARALLELOGRAM | | |
| 25B1 | WHITE PARALLELOGRAM | | |
| 25B2 | BLACK UP-POINTING TRIANGLE | | |
| 25B3 | WHITE UP-POINTING TRIANGLE | | |
| 25B4 | BLACK UP-POINTING SMALL TRIANGLE | | |
| 25B5 | WHITE UP-POINTING SMALL TRIANGLE | | |
| 25B6 | BLACK RIGHT-POINTING TRIANGLE | | |
| 25B7 | WHITE RIGHT-POINTING TRIANGLE | | |
| 25B8 | BLACK RIGHT-POINTING SMALL TRIANGLE | | |
| 25B9 | WHITE RIGHT-POINTING SMALL TRIANGLE | | |
| 25BA | BLACK RIGHT-POINTING POINTER | | |
| 25BB | WHITE RIGHT-POINTING POINTER | | |
| 25BC | BLACK DOWN-POINTING TRIANGLE | | |
| 25BD | WHITE DOWN-POINTING TRIANGLE | | |
| 25BE | BLACK DOWN-POINTING SMALL TRIANGLE | | |
| 25BF | WHITE DOWN-POINTING SMALL TRIANGLE | | |
| 25C0 | BLACK LEFT-POINTING TRIANGLE | | |
| 25C1 | WHITE LEFT-POINTING TRIANGLE | | |
| 25C2 | BLACK LEFT-POINTING SMALL TRIANGLE | | |
| 25C3 | WHITE LEFT-POINTING SMALL TRIANGLE | | |
| 25C4 | BLACK LEFT-POINTING POINTER | | |
| 25C5 | WHITE LEFT-POINTING POINTER | | |
| 25C6 | BLACK DIAMOND | | |
| 25C7 | WHITE DIAMOND | | |
| 25C8 | WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND | | |
| 25C9 | FISHEYE | | |
| 25CA | LOZENGE | | |
| 25CB | WHITE CIRCLE | | |
| 25CC | DOTTED CIRCLE | | |
| 25CD | CIRCLE WITH VERTICAL FILL | | |
| 25CE | BULLSEYE | | |
| 25CF | BLACK CIRCLE | | |
| 25D0 | CIRCLE WITH LEFT HALF BLACK | | |
| 25D1 | CIRCLE WITH RIGHT HALF BLACK | | |
| 25D2 | CIRCLE WITH LOWER HALF BLACK | | |
| 25D3 | CIRCLE WITH UPPER HALF BLACK | | |
| 25D4 | CIRCLE WITH UPPER RIGHT QUADRANT BLACK | | |
| 25D5 | CIRCLE WITH ALL BUT UPPER LEFT QUADRANT BLACK | | |
| 25D6 | LEFT HALF BLACK CIRCLE | | |
| 25D7 | RIGHT HALF BLACK CIRCLE | | |
| 25D8 | INVERSE BULLET | | |
| 25D9 | INVERSE WHITE CIRCLE | | |
| 25DA | UPPER HALF INVERSE WHITE CIRCLE | | |
| 25DB | LOWER HALF INVERSE WHITE CIRCLE | | |
| 25DC | UPPER LEFT QUADRANT CIRCULAR ARC | | |
| 25DD | UPPER RIGHT QUADRANT CIRCULAR ARC | | |
| 25DE | LOWER RIGHT QUADRANT CIRCULAR ARC | | |
| 25DF | LOWER LEFT QUADRANT CIRCULAR ARC | | |
| 25E0 | UPPER HALF CIRCLE | | |
| 25E1 | LOWER HALF CIRCLE | | |
| 25E2 | BLACK LOWER RIGHT TRIANGLE | | |
| 25E3 | BLACK LOWER LEFT TRIANGLE | | |
| 25E4 | BLACK UPPER LEFT TRIANGLE | | |
| 25E5 | BLACK UPPER RIGHT TRIANGLE | | |
| 25E6 | WHITE BULLET | | |
| 25E7 | SQUARE WITH LEFT HALF BLACK | | |
| 25E8 | SQUARE WITH RIGHT HALF BLACK | | |
| 25E9 | SQUARE WITH UPPER LEFT DIAGONAL HALF BLACK | | |
| 25EA | SQUARE WITH LOWER RIGHT DIAGONAL HALF BLACK | | |
| 25EB | WHITE SQUARE WITH VERTICAL BISECTING LINE | | |
| 25EC | WHITE UP-POINTING TRIANGLE WITH DOT | | |
| 25ED | UP-POINTING TRIANGLE WITH LEFT HALF BLACK | | |
| 25EE | UP-POINTING TRIANGLE WITH RIGHT HALF BLACK | | |
| 25EF | LARGE CIRCLE | | |
| 25F0 | WHITE SQUARE WITH UPPER LEFT QUADRANT | | |
| 25F1 | WHITE SQUARE WITH LOWER LEFT QUADRANT | | |
| 25F2 | WHITE SQUARE WITH LOWER RIGHT QUADRANT | | |
| 25F3 | WHITE SQUARE WITH UPPER RIGHT QUADRANT | | |
| 25F4 | WHITE CIRCLE WITH UPPER LEFT QUADRANT | | |
| 25F5 | WHITE CIRCLE WITH LOWER LEFT QUADRANT | | |
| 25F6 | WHITE CIRCLE WITH LOWER RIGHT QUADRANT | | |
| 25F7 | WHITE CIRCLE WITH UPPER RIGHT QUADRANT | | |
| 25F8 | UPPER LEFT TRIANGLE | | |
| 25F9 | UPPER RIGHT TRIANGLE | | |
| 25FA | LOWER LEFT TRIANGLE | | |
| 25FB | WHITE MEDIUM SQUARE | | |
| 25FC | BLACK MEDIUM SQUARE | | |

Group 00

Plane 00

Row 25

Table 74 - Row 26: Miscellaneous Symbols

| | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 |
|---|--|--|--|--|--|--|--|--|
| 0 |  2600 |  2610 |  2620 |  2630 |  2640 |  2650 |  2660 |  2670 |
| 1 |  2601 |  2611 |  2621 |  2631 |  2641 |  2651 |  2661 |  2671 |
| 2 |  2602 |  2612 |  2622 |  2632 |  2642 |  2652 |  2662 |  2672 |
| 3 |  2603 |  2613 |  2623 |  2633 |  2643 |  2653 |  2663 |  2673 |
| 4 |  2604 |  2614 |  2624 |  2634 |  2644 |  2654 |  2664 |  2674 |
| 5 |  2605 |  2615 |  2625 |  2635 |  2645 |  2655 |  2665 |  2675 |
| 6 |  2606 |  2616 |  2626 |  2636 |  2646 |  2656 |  2666 |  2676 |
| 7 |  2607 |  2617 |  2627 |  2637 |  2647 |  2657 |  2667 |  2677 |
| 8 |  2608 |  2618 |  2628 |  2638 |  2648 |  2658 |  2668 |  2678 |
| 9 |  2609 |  2619 |  2629 |  2639 |  2649 |  2659 |  2669 |  2679 |
| A |  260A |  261A |  262A |  263A |  264A |  265A |  266A |  267A |
| B |  260B |  261B |  262B |  263B |  264B |  265B |  266B |  267B |
| C |  260C |  261C |  262C |  263C |  264C |  265C |  266C |  267C |
| D |  260D |  261D |  262D |  263D |  264D |  265D |  266D |  267D |
| E |  260E |  261E |  262E |  263E |  264E |  265E |  266E |  267E |
| F |  260F |  261F |  262F |  263F |  264F |  265F |  266F |  267F |

G = 00
P = 00

Table 74 - Row 26: Miscellaneous Symbols

































































































































| HEX | NAME | HEX | NAME |
|------|--------------------------------------|------|--|
| 2600 | BLACK SUN WITH RAYS | 265D | BLACK CHESS BISHOP |
| 2601 | CLOUD | 265E | BLACK CHESS KNIGHT |
| 2602 | UMBRELLA | 265F | BLACK CHESS PAWN |
| 2603 | SNOWMAN | 2660 | BLACK SPADE SUIT |
| 2604 | COMET | 2661 | WHITE HEART SUIT |
| 2605 | BLACK STAR | 2662 | WHITE DIAMOND SUIT |
| 2606 | WHITE STAR | 2663 | BLACK CLUB SUIT |
| 2607 | LIGHTNING | 2664 | WHITE SPADE SUIT |
| 2608 | THUNDERSTORM | 2665 | BLACK HEART SUIT |
| 2609 | SUN | 2666 | BLACK DIAMOND SUIT |
| 260A | ASCENDING NODE | 2667 | WHITE CLUB SUIT |
| 260B | DESCENDING NODE | 2668 | HOT SPRINGS |
| 260C | CONJUNCTION | 2669 | QUARTER NOTE |
| 260D | OPPOSITION | 266A | EIGHTH NOTE |
| 260E | BLACK TELEPHONE | 266B | BEAMED EIGHTH NOTES |
| 260F | WHITE TELEPHONE | 266C | BEAMED SIXTEENTH NOTES |
| 2610 | BALLOT BOX | 266D | MUSIC FLAT SIGN |
| 2611 | BALLOT BOX WITH CHECK | 266E | MUSIC NATURAL SIGN |
| 2612 | BALLOT BOX WITH X | 266F | MUSIC SHARP SIGN |
| 2613 | SALTIRE | 2670 | WEST SYRIAC CROSS |
| 2614 | (This position shall not be used) | 2671 | EAST SYRIAC CROSS |
| 2615 | (This position shall not be used) | 2672 | UNIVERSAL RECYCLING SYMBOL |
| 2616 | WHITE SHOJI PIECE | 2673 | RECYCLING SYMBOL FOR TYPE-1 PLASTICS (pet) |
| 2617 | BLACK SHOJI PIECE | 2674 | RECYCLING SYMBOL FOR TYPE-2 PLASTICS (hdpe) |
| 2618 | (This position shall not be used) | 2675 | RECYCLING SYMBOL FOR TYPE-3 PLASTICS (pvc) |
| 2619 | REVERSED ROTATED FLORAL HEART BULLET | 2676 | RECYCLING SYMBOL FOR TYPE-4 PLASTICS (ldpe) |
| 261A | BLACK LEFT POINTING INDEX | 2677 | RECYCLING SYMBOL FOR TYPE-5 PLASTICS (pp) |
| 261B | BLACK RIGHT POINTING INDEX | 2678 | RECYCLING SYMBOL FOR TYPE-6 PLASTICS (ps) |
| 261C | WHITE LEFT POINTING INDEX | 2679 | RECYCLING SYMBOL FOR TYPE-7 PLASTICS (other) |
| 261D | WHITE UP POINTING INDEX | 267A | (This position shall not be used) |
| 261E | WHITE RIGHT POINTING INDEX | 267B | (This position shall not be used) |
| 261F | WHITE DOWN POINTING INDEX | 267C | (This position shall not be used) |
| 2620 | SKULL AND CROSSBONES | 267D | (This position shall not be used) |
| 2621 | CAUTION SIGN | 267E | (This position shall not be used) |
| 2622 | RADIOACTIVE SIGN | 267F | (This position shall not be used) |
| 2623 | BIOHAZARD SIGN | | |
| 2624 | CADUCEUS | | |
| 2625 | ANKH | | |
| 2626 | ORTHODOX CROSS | | |
| 2627 | CHI RHO | | |
| 2628 | CROSS OF LORRAINE | | |
| 2629 | CROSS OF JERUSALEM | | |
| 262A | STAR AND CRESCENT | | |
| 262B | FARSI SYMBOL | | |
| 262C | ADI SHAKTI | | |
| 262D | HAMMER AND SICKLE | | |
| 262E | PEACE SYMBOL | | |
| 262F | YIN YANG | | |
| 2630 | TRIGRAM FOR HEAVEN | | |
| 2631 | TRIGRAM FOR LAKE | | |
| 2632 | TRIGRAM FOR FIRE | | |
| 2633 | TRIGRAM FOR THUNDER | | |
| 2634 | TRIGRAM FOR WIND | | |
| 2635 | TRIGRAM FOR WATER | | |
| 2636 | TRIGRAM FOR MOUNTAIN | | |
| 2637 | TRIGRAM FOR EARTH | | |
| 2638 | WHEEL OF DHARMA | | |
| 2639 | WHITE FROWNING FACE | | |
| 263A | WHITE SMILING FACE | | |
| 263B | BLACK SMILING FACE | | |
| 263C | WHITE SUN WITH RAYS | | |
| 263D | FIRST QUARTER MOON | | |
| 263E | LAST QUARTER MOON | | |
| 263F | MERCURY | | |
| 2640 | FEMALE SIGN | | |
| 2641 | EARTH | | |
| 2642 | MALE SIGN | | |
| 2643 | JUPITER | | |
| 2644 | SATURN | | |
| 2645 | URANUS | | |
| 2646 | NEPTUNE | | |
| 2647 | PLUTO | | |
| 2648 | ARIES | | |
| 2649 | TAURUS | | |
| 264A | GEMINI | | |
| 264B | CANCER | | |
| 264C | LEO | | |
| 264D | VIRGO | | |
| 264E | LIBRA | | |
| 264F | SCORPIUS | | |
| 2650 | SAGITTARIUS | | |
| 2651 | CAPRICORN | | |
| 2652 | AQUARIUS | | |
| 2653 | PISCES | | |
| 2654 | WHITE CHESS KING | | |
| 2655 | WHITE CHESS QUEEN | | |
| 2656 | WHITE CHESS ROOK | | |
| 2657 | WHITE CHESS BISHOP | | |
| 2658 | WHITE CHESS KNIGHT | | |
| 2659 | WHITE CHESS PAWN | | |
| 265A | BLACK CHESS KING | | |
| 265B | BLACK CHESS QUEEN | | |
| 265C | BLACK CHESS ROOK | | |

Group 00

Plane 00

Row 26

Table 79 - Row 29: Supplemental Arrows

| | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 |
|---|---|---|---|---|---|---|---|---|
| 0 |  2900 |  2910 |  2920 |  2930 |  2940 |  2950 |  2960 |  2970 |
| 1 |  2901 |  2911 |  2921 |  2931 |  2941 |  2951 |  2961 |  2971 |
| 2 |  2902 |  2912 |  2922 |  2932 |  2942 |  2952 |  2962 |  2972 |
| 3 |  2903 |  2913 |  2923 |  2933 |  2943 |  2953 |  2963 |  2973 |
| 4 |  2904 |  2914 |  2924 |  2934 |  2944 |  2954 |  2964 |  2974 |
| 5 |  2905 |  2915 |  2925 |  2935 |  2945 |  2955 |  2965 |  2975 |
| 6 |  2906 |  2916 |  2926 |  2936 |  2946 |  2956 |  2966 |  2976 |
| 7 |  2907 |  2917 |  2927 |  2937 |  2947 |  2957 |  2967 |  2977 |
| 8 |  2908 |  2918 |  2928 |  2938 |  2948 |  2958 |  2968 |  2978 |
| 9 |  2909 |  2919 |  2929 |  2939 |  2949 |  2959 |  2969 |  2979 |
| A |  290A |  291A |  292A |  293A |  294A |  295A |  296A |  297A |
| B |  290B |  291B |  292B |  293B |  294B |  295B |  296B |  297B |
| C |  290C |  291C |  292C |  293C |  294C |  295C |  296C |  297C |
| D |  290D |  291D |  292D |  293D |  294D |  295D |  296D |  297D |
| E |  290E |  291E |  292E |  293E |  294E |  295E |  296E |  297E |
| F |  290F |  291F |  292F |  293F |  294F |  295F |  296F |  297F |

G = 00
P = 00

Table 79 - Row 29: Supplemental Arrows

































































































































| HEX | NAME | HEX | NAME |
|------|---|------|---|
| 2900 | RIGHTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE | 295D | DOWNWARDS HARPOON WITH BARB RIGHT FROM BAR |
| 2901 | RIGHTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE | 295E | LEFTWARDS HARPOON WITH BARB DOWN FROM BAR |
| 2902 | LEFTWARDS DOUBLE ARROW WITH VERTICAL STROKE | 295F | RIGHTWARDS HARPOON WITH BARB DOWN FROM BAR |
| 2903 | RIGHTWARDS DOUBLE ARROW WITH VERTICAL STROKE | 2960 | UPWARDS HARPOON WITH BARB LEFT FROM BAR |
| 2904 | LEFT RIGHT DOUBLE ARROW WITH VERTICAL STROKE | 2961 | DOWNWARDS HARPOON WITH BARB LEFT FROM BAR |
| 2905 | RIGHTWARDS TWO-HEADED ARROW FROM BAR | 2962 | LEFTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB DOWN |
| 2906 | LEFTWARDS DOUBLE ARROW FROM BAR | 2963 | UPWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB RIGHT |
| 2907 | RIGHTWARDS DOUBLE ARROW FROM BAR | 2964 | RIGHTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB DOWN |
| 2908 | DOWNWARDS ARROW WITH HORIZONTAL STROKE | 2965 | DOWNWARDS HARPOON WITH BARB LEFT BESIDE DOWNWARDS HARPOON WITH BARB RIGHT |
| 2909 | UPWARDS ARROW WITH HORIZONTAL STROKE | 2966 | LEFTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB UP |
| 290A | UPWARDS TRIPLE ARROW | 2967 | LEFTWARDS HARPOON WITH BARB DOWN ABOVE RIGHTWARDS HARPOON WITH BARB DOWN |
| 290B | DOWNWARDS TRIPLE ARROW | 2968 | RIGHTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB UP |
| 290C | LEFTWARDS DOUBLE DASH ARROW | 2969 | RIGHTWARDS HARPOON WITH BARB DOWN ABOVE LEFTWARDS HARPOON WITH BARB DOWN |
| 290D | RIGHTWARDS DOUBLE DASH ARROW | 296A | LEFTWARDS HARPOON WITH BARB UP ABOVE LONG DASH |
| 290E | LEFTWARDS TRIPLE DASH ARROW | 296B | LEFTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH |
| 290F | RIGHTWARDS TRIPLE DASH ARROW | 296C | RIGHTWARDS HARPOON WITH BARB UP ABOVE LONG DASH |
| 2910 | RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW | 296D | RIGHTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH |
| 2911 | RIGHTWARDS ARROW WITH DOTTED STEM | 296E | UPWARDS HARPOON WITH BARB LEFT BESIDE DOWNWARDS HARPOON WITH BARB RIGHT |
| 2912 | UPWARDS ARROW TO BAR | 296F | DOWNWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB RIGHT |
| 2913 | DOWNWARDS ARROW TO BAR | 2970 | RIGHT DOUBLE ARROW WITH ROUNDED HEAD |
| 2914 | RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE | 2971 | EQUALS SIGN ABOVE RIGHTWARDS ARROW |
| 2915 | RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE | 2972 | TILDE OPERATOR ABOVE RIGHTWARDS ARROW |
| 2916 | RIGHTWARDS TWO-HEADED ARROW WITH TAIL | 2973 | LEFTWARDS ARROW ABOVE TILDE OPERATOR |
| 2917 | RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE | 2974 | RIGHTWARDS ARROW ABOVE TILDE OPERATOR |
| 2918 | RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE | 2975 | RIGHTWARDS ARROW ABOVE ALMOST EQUAL TO |
| 2919 | LEFTWARDS ARROW-TAIL | 2976 | LESS-THAN ABOVE LEFTWARDS ARROW |
| 291A | RIGHTWARDS ARROW-TAIL | 2977 | LEFTWARDS ARROW THROUGH LESS-THAN |
| 291B | LEFTWARDS DOUBLE ARROW-TAIL | 2978 | GREATER-THAN ABOVE RIGHTWARDS ARROW |
| 291C | RIGHTWARDS DOUBLE ARROW-TAIL | 2979 | SUBSET ABOVE RIGHTWARDS ARROW |
| 291D | LEFTWARDS ARROW TO FILLED DIAMOND | 297A | LEFTWARDS ARROW THROUGH SUBSET |
| 291E | RIGHTWARDS ARROW TO FILLED DIAMOND | 297B | SUPERSET ABOVE LEFTWARDS ARROW |
| 291F | LEFTWARDS ARROW FROM BAR TO FILLED DIAMOND | 297C | LEFT FISH TAIL |
| 2920 | RIGHTWARDS ARROW FROM BAR TO FILLED DIAMOND | 297D | RIGHT FISH TAIL |
| 2921 | NORTH WEST AND SOUTH EAST ARROW | 297E | UP FISH TAIL |
| 2922 | NORTH EAST AND SOUTH WEST ARROW | 297F | DOWN FISH TAIL |
| 2923 | NORTH WEST ARROW WITH HOOK | | |
| 2924 | NORTH EAST ARROW WITH HOOK | | |
| 2925 | SOUTH EAST ARROW WITH HOOK | | |
| 2926 | SOUTH WEST ARROW WITH HOOK | | |
| 2927 | NORTH WEST ARROW AND NORTH EAST ARROW | | |
| 2928 | NORTH EAST ARROW AND SOUTH EAST ARROW | | |
| 2929 | SOUTH EAST ARROW AND SOUTH WEST ARROW | | |
| 292A | SOUTH WEST ARROW AND NORTH WEST ARROW | | |
| 292B | RIISING DIAGONAL CROSSING FALLING DIAGONAL | | |
| 292C | FALLING DIAGONAL CROSSING RIISING DIAGONAL | | |
| 292D | SOUTH EAST ARROW CROSSING NORTH EAST ARROW | | |
| 292E | NORTH EAST ARROW CROSSING SOUTH EAST ARROW | | |
| 292F | FALLING DIAGONAL CROSSING NORTH EAST ARROW | | |
| 2930 | RIISING DIAGONAL CROSSING SOUTH EAST ARROW | | |
| 2931 | NORTH EAST ARROW CROSSING NORTH WEST ARROW | | |
| 2932 | NORTH WEST ARROW CROSSING NORTH EAST ARROW | | |
| 2933 | WAVE ARROW POINTING DIRECTLY TO THE RIGHT | | |
| 2934 | ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS | | |
| 2935 | ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS | | |
| 2936 | ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS | | |
| 2937 | ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS | | |
| 2938 | RIGHT-SIDE ARC CLOCKWISE ARROW | | |
| 2939 | LEFT-SIDE ARC ANTICLOCKWISE ARROW | | |
| 293A | TOP ARC ANTICLOCKWISE ARROW | | |
| 293B | BOTTOM ARC ANTICLOCKWISE ARROW | | |
| 293C | TOP ARC CLOCKWISE ARROW WITH MINUS | | |
| 293D | TOP ARC ANTICLOCKWISE ARROW WITH PLUS | | |
| 293E | LOWER RIGHT SEMICIRCULAR CLOCKWISE ARROW | | |
| 293F | LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW | | |
| 2940 | ANTICLOCKWISE CLOSED CIRCLE ARROW | | |
| 2941 | CLOCKWISE CLOSED CIRCLE ARROW | | |
| 2942 | RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW | | |
| 2943 | LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW | | |
| 2944 | SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW | | |
| 2945 | RIGHTWARDS ARROW WITH PLUS BELOW | | |
| 2946 | LEFTWARDS ARROW WITH PLUS BELOW | | |
| 2947 | RIGHTWARDS ARROW THROUGH X | | |
| 2948 | LEFT RIGHT ARROW THROUGH SMALL CIRCLE | | |
| 2949 | UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE | | |
| 294A | LEFT BARB UP RIGHT BARB DOWN HARPOON | | |
| 294B | LEFT BARB DOWN RIGHT BARB UP HARPOON | | |
| 294C | UP BARB RIGHT DOWN BARB LEFT HARPOON | | |
| 294D | UP BARB LEFT DOWN BARB RIGHT HARPOON | | |
| 294E | LEFT BARB UP RIGHT BARB UP HARPOON | | |
| 294F | UP BARB RIGHT DOWN BARB RIGHT HARPOON | | |
| 2950 | LEFT BARB DOWN RIGHT BARB DOWN HARPOON | | |
| 2951 | UP BARB LEFT DOWN BARB LEFT HARPOON | | |
| 2952 | LEFTWARDS HARPOON WITH BARB UP TO BAR | | |
| 2953 | RIGHTWARDS HARPOON WITH BARB UP TO BAR | | |
| 2954 | UPWARDS HARPOON WITH BARB RIGHT TO BAR | | |
| 2955 | DOWNWARDS HARPOON WITH BARB RIGHT TO BAR | | |
| 2956 | LEFTWARDS HARPOON WITH BARB DOWN TO BAR | | |
| 2957 | RIGHTWARDS HARPOON WITH BARB DOWN TO BAR | | |
| 2958 | UPWARDS HARPOON WITH BARB LEFT TO BAR | | |
| 2959 | DOWNWARDS HARPOON WITH BARB LEFT TO BAR | | |
| 295A | LEFTWARDS HARPOON WITH BARB UP FROM BAR | | |
| 295B | RIGHTWARDS HARPOON WITH BARB UP FROM BAR | | |
| 295C | UPWARDS HARPOON WITH BARB RIGHT FROM BAR | | |

Group 00

Plane 00

Row 29

Table 80 - Row 29: Miscellaneous Mathematical Symbols

| | 298 | 299 | 29A | 29B | 29C | 29D | 29E | 29F |
|---|---|---|---|---|---|---|---|---|
| 0 |  2980 |  2990 |  29A0 |  29B0 |  29C0 |  29D0 |  29E0 |  29F0 |
| 1 |  2981 |  2991 |  29A1 |  29B1 |  29C1 |  29D1 |  29E1 |  29F1 |
| 2 |  2982 |  2992 |  29A2 |  29B2 |  29C2 |  29D2 |  29E2 |  29F2 |
| 3 |  2983 |  2993 |  29A3 |  29B3 |  29C3 |  29D3 |  29E3 |  29F3 |
| 4 |  2984 |  2994 |  29A4 |  29B4 |  29C4 |  29D4 |  29E4 |  29F4 |
| 5 |  2985 |  2995 |  29A5 |  29B5 |  29C5 |  29D5 |  29E5 |  29F5 |
| 6 |  2986 |  2996 |  29A6 |  29B6 |  29C6 |  29D6 |  |  29F6 |
| 7 |  2987 |  |  29A7 |  29B7 |  29C7 |  29D7 |  29E7 |  29F7 |
| 8 |  2988 |  |  29A8 |  29B8 |  29C8 |  |  29E8 |  29F8 |
| 9 |  2989 |  2999 |  29A9 |  29B9 |  29C9 |  |  29E9 |  29F9 |
| A |  298A |  299A |  29AA |  29BA |  29CA |  |  29EA |  29FA |
| B |  298B |  299B |  29AB |  29BB |  29CB |  |  29EB |  29FB |
| C |  298C |  299C |  29AC |  29BC |  29CC |  29DC |  29EC |  |
| D |  298D |  299D |  29AD |  29BD |  29CD |  29DD |  29ED |  |
| E |  298E |  299E |  29AE |  29BE |  29CE |  29DE |  29EE |  |
| F |  298F |  299F |  29AF |  29BF |  29CF |  29DF |  29EF |  |

G = 00
P = 00

Table 80 - Row 29: Miscellaneous Mathematical Symbols

































































































































| HEX | NAME | HEX | NAME |
|------|---|------|---|
| 2980 | TRIPLE VERTICAL BAR DELIMITER | 29DB | (This position shall not be used) |
| 2981 | Z NOTATION SPOT | 29DC | INCOMPLETE INFINITY |
| 2982 | Z NOTATION TYPE COLON | 29DD | TIE OVER INFINITY |
| 2983 | LEFT WHITE CURLY BRACKET | 29DE | INFINITY NEGATED WITH VERTICAL BAR |
| 2984 | RIGHT WHITE CURLY BRACKET | 29DF | DOUBLE-ENDED MULTIMAP |
| 2985 | LEFT WHITE PARENTHESIS | 29E0 | SQUARE WITH CONTOURED OUTLINE |
| 2986 | RIGHT WHITE PARENTHESIS | 29E1 | INCREASES AS |
| 2987 | Z NOTATION LEFT IMAGE BRACKET | 29E2 | SHUFFLE PRODUCT |
| 2988 | Z NOTATION RIGHT IMAGE BRACKET | 29E3 | EQUALS SIGN AND SLANTED PARALLEL |
| 2989 | Z NOTATION LEFT BINDING BRACKET | 29E4 | EQUALS SIGN AND SLANTED PARALLEL WITH TILDE ABOVE |
| 298A | Z NOTATION RIGHT BINDING BRACKET | 29E5 | IDENTICAL TO AND SLANTED PARALLEL |
| 298B | LEFT SQUARE BRACKET WITH UNDERBAR | 29E6 | (This position shall not be used) |
| 298C | RIGHT SQUARE BRACKET WITH UNDERBAR | 29E7 | THERMODYNAMIC |
| 298D | LEFT SQUARE BRACKET WITH TICK IN TOP CORNER | 29E8 | DOWN-POINTING TRIANGLE WITH LEFT HALF BLACK |
| 298E | RIGHT SQUARE BRACKET WITH TICK IN BOTTOM CORNER | 29E9 | DOWN-POINTING TRIANGLE WITH RIGHT HALF BLACK |
| 298F | LEFT SQUARE BRACKET WITH TICK IN BOTTOM CORNER | 29EA | FILLED DIAMOND WITH DOWN ARROW |
| 2990 | RIGHT SQUARE BRACKET WITH TICK IN TOP CORNER | 29EB | FILLED LOZENGE |
| 2991 | LEFT ANGLE BRACKET WITH DOT | 29EC | CIRCLE WITH DOWN ARROW |
| 2992 | RIGHT ANGLE BRACKET WITH DOT | 29ED | FILLED CIRCLE WITH DOWN ARROW |
| 2993 | LEFT ARC LESS-THAN BRACKET | 29EE | ERROR-BARRED WHITE SQUARE |
| 2994 | RIGHT ARC GREATER-THAN BRACKET | 29EF | ERROR-BARRED FILLED SQUARE |
| 2995 | DOUBLE LEFT ARC GREATER-THAN BRACKET | 29F0 | ERROR-BARRED WHITE DIAMOND |
| 2996 | DOUBLE RIGHT ARC LESS-THAN BRACKET | 29F1 | ERROR-BARRED FILLED DIAMOND |
| 2997 | (This position shall not be used) | 29F2 | ERROR-BARRED WHITE CIRCLE |
| 2998 | (This position shall not be used) | 29F3 | ERROR-BARRED FILLED CIRCLE |
| 2999 | DOTTED FENCE | 29F4 | RULE-DELAYED |
| 299A | VERTICAL ZIGZAG LINE | 29F5 | REVERSE SOLIDUS OPERATOR |
| 299B | MEASURED ANGLE OPENING LEFT | 29F6 | SOLIDUS WITH OVERBAR |
| 299C | RIGHT ANGLE VARIANT WITH SQUARE | 29F7 | REVERSE SOLIDUS WITH HORIZONTAL STROKE |
| 299D | MEASURED RIGHT ANGLE WITH DOT | 29F8 | BIG SOLIDUS |
| 299E | ANGLE WITH S INSIDE | 29F9 | BIG REVERSE SOLIDUS |
| 299F | ACUTE ANGLE | 29FA | DOUBLE PLUS |
| 29A0 | SPHERICAL ANGLE OPENING LEFT | 29FB | TRIPLE PLUS |
| 29A1 | SPHERICAL ANGLE OPENING UP | 29FC | (This position shall not be used) |
| 29A2 | TURNUED ANGLE | 29FD | (This position shall not be used) |
| 29A3 | REVERSED ANGLE | 29FE | (This position shall not be used) |
| 29A4 | ANGLE WITH UNDERBAR | 29FF | (This position shall not be used) |
| 29A5 | REVERSED ANGLE WITH UNDERBAR | | |
| 29A6 | OBLIQUE ANGLE OPENING UP | | |
| 29A7 | OBLIQUE ANGLE OPENING DOWN | | |
| 29A8 | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING UP AND TO THE RIGHT | | |
| 29A9 | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING UP AND TO THE LEFT | | |
| 29AA | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND TO THE RIGHT | | |
| 29AB | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND TO THE LEFT | | |
| 29AC | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING RIGHT AND UP | | |
| 29AD | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING LEFT AND UP | | |
| 29AE | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING RIGHT AND DOWN | | |
| 29AF | MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING LEFT AND DOWN | | |
| 29B0 | REVERSED EMPTY SET | | |
| 29B1 | EMPTY SET WITH OVERBAR | | |
| 29B2 | EMPTY SET WITH SMALL CIRCLE ABOVE | | |
| 29B3 | EMPTY SET WITH RIGHT ARROW ABOVE | | |
| 29B4 | EMPTY SET WITH LEFT ARROW ABOVE | | |
| 29B5 | CIRCLE WITH HORIZONTAL BAR | | |
| 29B6 | CIRCLED VERTICAL BAR | | |
| 29B7 | CIRCLED PARALLEL | | |
| 29B8 | CIRCLED REVERSE SOLIDUS | | |
| 29B9 | CIRCLED PERPENDICULAR | | |
| 29BA | CIRCLE DIVIDED BY HORIZONTAL BAR AND TOP HALF DIVIDED BY VERTICAL BAR | | |
| 29BB | CIRCLE WITH SUPERIMPOSED X | | |
| 29BC | CIRCLED ANTICLOCKWISE-ROTATED DIVISION SIGN | | |
| 29BD | UP ARROW THROUGH CIRCLE | | |
| 29BE | CIRCLED WHITE BULLET | | |
| 29BF | CIRCLED BULLET | | |
| 29C0 | CIRCLED LESS-THAN | | |
| 29C1 | CIRCLED GREATER-THAN | | |
| 29C2 | CIRCLE WITH SMALL CIRCLE TO THE RIGHT | | |
| 29C3 | CIRCLE WITH TWO HORIZONTAL STROKES TO THE RIGHT | | |
| 29C4 | SQUARED RISING DIAGONAL SLASH | | |
| 29C5 | SQUARED FALLING DIAGONAL SLASH | | |
| 29C6 | SQUARED ASTERISK | | |
| 29C7 | SQUARED SMALL CIRCLE | | |
| 29C8 | SQUARED SQUARE | | |
| 29C9 | TWO JOINED SQUARES | | |
| 29CA | TRIANGLE WITH DOT ABOVE | | |
| 29CB | TRIANGLE WITH UNDERBAR | | |
| 29CC | S IN TRIANGLE | | |
| 29CD | TRIANGLE WITH SERIFS AT BOTTOM | | |
| 29CE | RIGHT TRIANGLE ABOVE LEFT TRIANGLE | | |
| 29CF | LEFT TRIANGLE BESIDE VERTICAL BAR | | |
| 29D0 | VERTICAL BAR BESIDE RIGHT TRIANGLE | | |
| 29D1 | LEFT FILLED BOWTIE | | |
| 29D2 | RIGHT FILLED BOWTIE | | |
| 29D3 | FILLED BOWTIE | | |
| 29D4 | LEFT FILLED TIMES | | |
| 29D5 | RIGHT FILLED TIMES | | |
| 29D6 | WHITE HOURGLASS | | |
| 29D7 | FILLED HOURGLASS | | |
| 29D8 | (This position shall not be used) | | |
| 29D9 | (This position shall not be used) | | |
| 29DA | (This position shall not be used) | | |

Group 00

Plane 00

Row 29

Table 81 - Row 2A: Supplemental Mathematical Operators

| | 2A0 | 2A1 | 2A2 | 2A3 | 2A4 | 2A5 | 2A6 | 2A7 |
|---|---|---|---|---|---|---|---|---|
| 0 |  2A00 |  2A10 |  2A20 |  2A30 |  2A40 |  2A50 |  2A60 |  2A70 |
| 1 |  2A01 |  2A11 |  2A21 |  2A31 |  2A41 |  2A51 |  2A61 |  2A71 |
| 2 |  2A02 |  2A12 |  2A22 |  2A32 |  2A42 |  2A52 |  2A62 |  2A72 |
| 3 |  2A03 |  2A13 |  2A23 |  2A33 |  2A43 |  2A53 |  2A63 |  2A73 |
| 4 |  2A04 |  2A14 |  2A24 |  2A34 |  2A44 |  2A54 |  2A64 |  2A74 |
| 5 |  2A05 |  2A15 |  2A25 |  2A35 |  2A45 |  2A55 |  2A65 |  2A75 |
| 6 |  2A06 |  2A16 |  2A26 |  2A36 |  2A46 |  2A56 |  2A66 |  2A76 |
| 7 |  2A07 |  2A17 |  2A27 |  2A37 |  2A47 |  2A57 |  2A67 |  2A77 |
| 8 |  2A08 |  2A18 |  2A28 |  2A38 |  2A48 |  2A58 |  2A68 |  2A78 |
| 9 |  2A09 |  2A19 |  2A29 |  2A39 |  2A49 |  2A59 |  2A69 |  2A79 |
| A |  2A0A |  2A1A |  2A2A |  2A3A |  2A4A |  2A5A |  2A6A |  2A7A |
| B |  2A0B |  2A1B |  2A2B |  2A3B |  2A4B |  2A5B |  2A6B |  2A7B |
| C |  2A0C |  2A1C |  2A2C |  2A3C |  2A4C |  2A5C |  2A6C |  2A7C |
| D |  2A0D |  2A1D |  2A2D |  2A3D |  2A4D |  2A5D |  2A6D |  2A7D |
| E |  2A0E |  2A1E |  2A2E |  2A3E |  2A4E |  2A5E |  2A6E |  2A7E |
| F |  2A0F |  2A1F |  2A2F |  2A3F |  2A4F |  2A5F |  2A6F |  2A7F |

G = 00
P = 00

Table 81 - Row 2A: Supplemental Mathematical Operators























































































































| HEX | NAME | HEX | NAME |
|------|---|------|--|
| 2A00 | N-ARY CIRCLED DOT OPERATOR | 2A5D | LOGICAL OR WITH HORIZONTAL DASH |
| 2A01 | N-ARY CIRCLED PLUS OPERATOR | 2A5E | LOGICAL AND WITH DOUBLE OVERBAR |
| 2A02 | N-ARY CIRCLED TIMES OPERATOR | 2A5F | LOGICAL AND WITH UNDERBAR |
| 2A03 | N-ARY UNION OPERATOR WITH DOT | 2A60 | LOGICAL AND WITH DOUBLE UNDERBAR |
| 2A04 | N-ARY UNION OPERATOR WITH PLUS | 2A61 | SMALL VEE WITH UNDERBAR |
| 2A05 | N-ARY SQUARE INTERSECTION OPERATOR | 2A62 | LOGICAL OR WITH DOUBLE OVERBAR |
| 2A06 | N-ARY SQUARE UNION OPERATOR | 2A63 | LOGICAL OR WITH DOUBLE UNDERBAR |
| 2A07 | TWO LOGICAL AND OPERATOR | 2A64 | Z NOTATION DOMAIN ANTIRESTRICTION |
| 2A08 | TWO LOGICAL OR OPERATOR | 2A65 | Z NOTATION RANGE ANTIRESTRICTION |
| 2A09 | N-ARY TIMES OPERATOR | 2A66 | EQUALS SIGN WITH DOT BELOW |
| 2A0A | MODULO TWO SUM | 2A67 | IDENTICAL WITH DOT ABOVE |
| 2A0B | SUMMATION WITH INTEGRAL | 2A68 | TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE |
| 2A0C | QUADRUPLE INTEGRAL OPERATOR | 2A69 | TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE |
| 2A0D | FINITE PART INTEGRAL | 2A6A | TILDE OPERATOR WITH DOT ABOVE |
| 2A0E | INTEGRAL WITH DOUBLE STROKE | 2A6B | TILDE OPERATOR WITH RISING DOTS |
| 2A0F | INTEGRAL AVERAGE WITH SLASH | 2A6C | SIMILAR MINUS SIMILAR |
| 2A10 | CIRCULATION FUNCTION | 2A6D | CONGRUENT WITH DOT ABOVE |
| 2A11 | ANTICLOCKWISE INTEGRATION | 2A6E | (This position shall not be used) |
| 2A12 | LINE INTEGRATION WITH RECTANGULAR PATH AROUND POLE | 2A6F | ALMOST EQUAL TO WITH CIRCUMFLEX ACCENT |
| 2A13 | LINE INTEGRATION WITH SEMICIRCULAR PATH AROUND POLE | 2A70 | APPROXIMATELY EQUAL OR EQUAL TO |
| 2A14 | LINE INTEGRATION NOT INCLUDING THE POLE | 2A71 | EQUALS SIGN ABOVE PLUS SIGN |
| 2A15 | INTEGRAL AROUND A POINT OPERATOR | 2A72 | PLUS SIGN ABOVE EQUALS SIGN |
| 2A16 | QUATERNION INTEGRAL OPERATOR | 2A73 | EQUALS SIGN ABOVE TILDE OPERATOR |
| 2A17 | INTEGRAL WITH LEFTWARDS ARROW WITH HOOK | 2A74 | DOUBLE COLON EQUAL |
| 2A18 | INTEGRAL WITH TIMES SIGN | 2A75 | TWO CONSECUTIVE EQUALS SIGNS |
| 2A19 | INTEGRAL WITH INTERSECTION | 2A76 | THREE CONSECUTIVE EQUALS SIGNS |
| 2A1A | INTEGRAL WITH UNION | 2A77 | EQUALS SIGN WITH TWO DOTS ABOVE AND TWO DOTS BELOW |
| 2A1B | INTEGRAL WITH OVERBAR | 2A78 | EQUIVALENT WITH FOUR DOTS ABOVE |
| 2A1C | INTEGRAL WITH UNDERBAR | 2A79 | LESS-THAN WITH CIRCLE INSIDE |
| 2A1D | JOIN | 2A7A | GREATER-THAN WITH CIRCLE INSIDE |
| 2A1E | LARGE LEFT TRIANGLE OPERATOR | 2A7B | LESS-THAN WITH QUESTION MARK ABOVE |
| 2A1F | Z NOTATION SCHEMA COMPOSITION | 2A7C | GREATER-THAN WITH QUESTION MARK ABOVE |
| 2A20 | Z NOTATION SCHEMA PIPING | 2A7D | LESS-THAN OR SLANTED EQUAL TO |
| 2A21 | Z NOTATION SCHEMA PROJECTION | 2A7E | GREATER-THAN OR SLANTED EQUAL TO |
| 2A22 | PLUS SIGN WITH SMALL CIRCLE ABOVE | 2A7F | LESS-THAN OR SLANTED EQUAL TO WITH DOT INSIDE |
| 2A23 | PLUS SIGN WITH CIRCUMFLEX ACCENT ABOVE | | |
| 2A24 | PLUS SIGN WITH TILDE ABOVE | | |
| 2A25 | PLUS SIGN WITH DOT BELOW | | |
| 2A26 | PLUS SIGN WITH TILDE BELOW | | |
| 2A27 | PLUS SIGN WITH SUBSCRIPT TWO | | |
| 2A28 | PLUS SIGN WITH FILLED TRIANGLE | | |
| 2A29 | MINUS SIGN WITH COMMA ABOVE | | |
| 2A2A | MINUS SIGN WITH DOT BELOW | | |
| 2A2B | MINUS SIGN WITH FALLING DOTS | | |
| 2A2C | MINUS SIGN WITH RISING DOTS | | |
| 2A2D | PLUS SIGN IN LEFT HALF CIRCLE | | |
| 2A2E | PLUS SIGN IN RIGHT HALF CIRCLE | | |
| 2A2F | VECTOR OR CROSS PRODUCT | | |
| 2A30 | MULTIPLICATION SIGN WITH DOT ABOVE | | |
| 2A31 | MULTIPLICATION SIGN WITH UNDERBAR | | |
| 2A32 | SEMDIRECT PRODUCT WITH BOTTOM CLOSED | | |
| 2A33 | SMASH PRODUCT | | |
| 2A34 | MULTIPLICATION SIGN IN LEFT HALF CIRCLE | | |
| 2A35 | MULTIPLICATION SIGN IN RIGHT HALF CIRCLE | | |
| 2A36 | CIRCLED MULTIPLICATION SIGN WITH CIRCUMFLEX ACCENT | | |
| 2A37 | MULTIPLICATION SIGN IN DOUBLE CIRCLE | | |
| 2A38 | CIRCLED DIVISION SIGN | | |
| 2A39 | PLUS SIGN IN TRIANGLE | | |
| 2A3A | MINUS SIGN IN TRIANGLE | | |
| 2A3B | MULTIPLICATION SIGN IN TRIANGLE | | |
| 2A3C | INTERIOR PRODUCT | | |
| 2A3D | RIGHTHAND INTERIOR PRODUCT | | |
| 2A3E | Z NOTATION RELATIONAL COMPOSITION | | |
| 2A3F | AMALGAMATION OR COPRODUCT | | |
| 2A40 | INTERSECTION WITH DOT | | |
| 2A41 | UNION WITH MINUS SIGN | | |
| 2A42 | UNION WITH OVERBAR | | |
| 2A43 | INTERSECTION WITH OVERBAR | | |
| 2A44 | INTERSECTION WITH LOGICAL AND | | |
| 2A45 | UNION WITH LOGICAL OR | | |
| 2A46 | UNION ABOVE INTERSECTION | | |
| 2A47 | INTERSECTION ABOVE UNION | | |
| 2A48 | UNION ABOVE BAR ABOVE INTERSECTION | | |
| 2A49 | INTERSECTION ABOVE BAR ABOVE UNION | | |
| 2A4A | UNION BESIDE AND JOINED WITH UNION | | |
| 2A4B | INTERSECTION BESIDE AND JOINED WITH INTERSECTION | | |
| 2A4C | CLOSED UNION WITH SERIFS | | |
| 2A4D | CLOSED INTERSECTION WITH SERIFS | | |
| 2A4E | DOUBLE SQUARE INTERSECTION | | |
| 2A4F | DOUBLE SQUARE UNION | | |
| 2A50 | CLOSED UNION WITH SERIFS AND SMASH PRODUCT | | |
| 2A51 | LOGICAL AND WITH DOT ABOVE | | |
| 2A52 | LOGICAL OR WITH DOT ABOVE | | |
| 2A53 | DOUBLE LOGICAL AND | | |
| 2A54 | DOUBLE LOGICAL OR | | |
| 2A55 | TWO INTERSECTING LOGICAL AND | | |
| 2A56 | TWO INTERSECTING LOGICAL OR | | |
| 2A57 | SLOPING LARGE OR | | |
| 2A58 | SLOPING LARGE AND | | |
| 2A59 | LOGICAL OR OVERLAPPING LOGICAL AND | | |
| 2A5A | LOGICAL AND WITH MIDDLE STEM | | |
| 2A5B | LOGICAL OR WITH MIDDLE STEM | | |
| 2A5C | LOGICAL AND WITH HORIZONTAL DASH | | |

Group 00

Plane 00

Row 2A

Table 82 - Row 2A: Supplemental Mathematical Operators

| | 2A8 | 2A9 | 2AA | 2AB | 2AC | 2AD | 2AE | 2AF |
|---|---|---|---|---|---|---|---|---|
| 0 |  2A80 |  2A90 |  2AA0 |  2AB0 |  2AC0 |  2AD0 |  2AE0 |  2AF0 |
| 1 |  2A81 |  2A91 |  2AA1 |  2AB1 |  2AC1 |  2AD1 |  2AE1 |  2AF1 |
| 2 |  2A82 |  2A92 |  2AA2 |  2AB2 |  2AC2 |  2AD2 |  2AE2 |  2AF2 |
| 3 |  2A83 |  2A93 |  2AA3 |  2AB3 |  2AC3 |  2AD3 |  2AE3 |  2AF3 |
| 4 |  2A84 |  2A94 |  2AA4 |  2AB4 |  2AC4 |  2AD4 |  2AE4 |  2AF4 |
| 5 |  2A85 |  2A95 |  2AA5 |  2AB5 |  2AC5 |  2AD5 |  2AE5 |  2AF5 |
| 6 |  2A86 |  2A96 |  2AA6 |  2AB6 |  2AC6 |  2AD6 |  2AE6 |  2AF6 |
| 7 |  2A87 |  2A97 |  2AA7 |  2AB7 |  2AC7 |  2AD7 |  2AE7 | |
| 8 |  2A88 |  2A98 |  2AA8 |  2AB8 |  2AC8 |  2AD8 |  2AE8 | |
| 9 |  2A89 |  2A99 |  2AA9 |  2AB9 |  2AC9 |  2AD9 |  2AE9 | |
| A |  2A8A |  2A9A |  2AAA |  2ABA |  2ACA |  2ADA |  2AEA | |
| B |  2A8B |  2A9B |  2AAB |  2ABB |  2ACB |  2ADB |  2AEB | |
| C |  2A8C |  2A9C |  2AAC |  2ABC |  2ACC |  2ADC |  2AEC | |
| D |  2A8D |  2A9D |  2AAD |  2ABD |  2ACD |  2ADD |  2AED | |
| E |  2A8E |  2A9E |  2AAE |  2ABE |  2ACE |  2ADE |  2AEE | |
| F |  2A8F |  2A9F |  2AAF |  2ABF |  2ACF |  2ADF |  2AEF | |

G = 00
P = 00

Table 82 - Row 2A: Supplemental Mathematical Operators

































































| HEX | NAME | HEX | NAME |
|------|--|------|---|
| 2A80 | GREATER-THAN OR SLANTED EQUAL TO WITH DOT INSIDE | 2ADD | NONFORKING |
| 2A81 | LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE | 2ADE | SHORT LEFT TACK |
| 2A82 | GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE | 2ADF | SHORT DOWN TACK |
| 2A83 | LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE RIGHT | 2AE0 | SHORT UP TACK |
| 2A84 | GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE LEFT | 2AE1 | PERPENDICULAR WITH S |
| 2A85 | LESS-THAN OR APPROXIMATE | 2AE2 | VERTICAL BAR TRIPLE RIGHT TURNSTILE |
| 2A86 | GREATER-THAN OR APPROXIMATE | 2AE3 | DOUBLE VERTICAL BAR LEFT TURNSTILE |
| 2A87 | LESS-THAN AND SINGLE-LINE NOT EQUAL TO | 2AE4 | VERTICAL BAR DOUBLE LEFT TURNSTILE |
| 2A88 | GREATER-THAN AND SINGLE-LINE NOT EQUAL TO | 2AE5 | DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE |
| 2A89 | LESS-THAN AND NOT APPROXIMATE | 2AE6 | LONG DASH FROM LEFT MEMBER OF DOUBLE VERTICAL |
| 2A8A | GREATER-THAN AND NOT APPROXIMATE | 2AE7 | SHORT DOWN TACK WITH OVERBAR |
| 2A8B | LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN | 2AE8 | SHORT UP TACK WITH UNDERBAR |
| 2A8C | GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN | 2AE9 | SHORT UP TACK ABOVE SHORT DOWN TACK |
| 2A8D | LESS-THAN ABOVE SIMILAR OR EQUAL | 2AEA | DOUBLE DOWN TACK |
| 2A8E | GREATER-THAN ABOVE SIMILAR OR EQUAL | 2AEB | DOUBLE UP TACK |
| 2A8F | LESS-THAN ABOVE SIMILAR ABOVE GREATER-THAN | 2AEC | DOUBLE STROKE NOT SIGN |
| 2A90 | GREATER-THAN ABOVE SIMILAR ABOVE LESS-THAN | 2AED | REVERSED DOUBLE STROKE NOT SIGN |
| 2A91 | LESS-THAN ABOVE GREATER-THAN ABOVE DOUBLE-LINE EQUAL | 2AEE | DOES NOT DIVIDE WITH REVERSED NEGATION SLASH |
| 2A92 | GREATER-THAN ABOVE LESS-THAN ABOVE DOUBLE-LINE EQUAL | 2AEF | VERTICAL LINE WITH CIRCLE ABOVE |
| 2A93 | LESS-THAN ABOVE SLANTED EQUAL ABOVE GREATER-THAN ABOVE SLANTED EQUAL | 2AF0 | VERTICAL LINE WITH CIRCLE BELOW |
| 2A94 | GREATER-THAN ABOVE SLANTED EQUAL ABOVE LESS-THAN ABOVE SLANTED EQUAL | 2AF1 | DOWN TACK WITH CIRCLE BELOW |
| 2A95 | SLANTED EQUAL TO OR LESS-THAN | 2AF2 | PARALLEL WITH HORIZONTAL STROKE |
| 2A96 | SLANTED EQUAL TO OR GREATER-THAN | 2AF3 | PARALLEL WITH TILDE OPERATOR |
| 2A97 | SLANTED EQUAL TO OR LESS-THAN WITH DOT INSIDE | 2AF4 | TRIPLE VERTICAL BAR BINARY RELATION |
| 2A98 | SLANTED EQUAL TO OR GREATER-THAN WITH DOT INSIDE | 2AF5 | TRIPLE VERTICAL BAR WITH HORIZONTAL STROKE |
| 2A99 | DOUBLE-LINE EQUAL TO OR LESS-THAN | 2AF6 | TRIPLE COLON OPERATOR |
| 2A9A | DOUBLE-LINE EQUAL TO OR GREATER-THAN | 2AF7 | (This position shall not be used) |
| 2A9B | DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN | 2AF8 | (This position shall not be used) |
| 2A9C | DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN | 2AF9 | (This position shall not be used) |
| 2A9D | SIMILAR OR LESS-THAN | 2AFA | (This position shall not be used) |
| 2A9E | SIMILAR OR GREATER-THAN | 2AFB | (This position shall not be used) |
| 2A9F | SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN | 2AFC | (This position shall not be used) |
| 2AA0 | SIMILAR ABOVE GREATER-THAN ABOVE EQUALS SIGN | 2AFD | (This position shall not be used) |
| 2AA1 | DOUBLE NESTED LESS-THAN | 2AFE | (This position shall not be used) |
| 2AA2 | DOUBLE NESTED GREATER-THAN | 2AFF | (This position shall not be used) |
| 2AA3 | DOUBLE NESTED LESS-THAN WITH UNDERBAR | | |
| 2AA4 | GREATER-THAN OVERLAPPING LESS-THAN | | |
| 2AA5 | GREATER-THAN BESIDE LESS-THAN | | |
| 2AA6 | LESS-THAN CLOSED BY CURVE | | |
| 2AA7 | GREATER-THAN CLOSED BY CURVE | | |
| 2AA8 | LESS-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL | | |
| 2AA9 | GREATER-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL | | |
| 2AAA | SMALLER THAN | | |
| 2AAB | LARGER THAN | | |
| 2AAC | SMALLER THAN OR EQUAL TO | | |
| 2AAD | LARGER THAN OR EQUAL TO | | |
| 2AAE | EQUALS SIGN WITH BUMPY ABOVE | | |
| 2AAF | PRECEDES ABOVE SINGLE-LINE EQUALS SIGN | | |
| 2AB0 | SUCCEEDS ABOVE SINGLE-LINE EQUALS SIGN | | |
| 2AB1 | PRECEDES ABOVE SINGLE-LINE NOT EQUAL TO | | |
| 2AB2 | SUCCEEDS ABOVE SINGLE-LINE NOT EQUAL TO | | |
| 2AB3 | PRECEDES ABOVE EQUALS SIGN | | |
| 2AB4 | SUCCEEDS ABOVE EQUALS SIGN | | |
| 2AB5 | PRECEDES ABOVE NOT EQUAL TO | | |
| 2AB6 | SUCCEEDS ABOVE NOT EQUAL TO | | |
| 2AB7 | PRECEDES ABOVE ALMOST EQUAL TO | | |
| 2AB8 | SUCCEEDS ABOVE ALMOST EQUAL TO | | |
| 2AB9 | PRECEDES ABOVE NOT ALMOST EQUAL TO | | |
| 2ABA | SUCCEEDS ABOVE NOT ALMOST EQUAL TO | | |
| 2ABB | DOUBLE PRECEDES | | |
| 2ABC | DOUBLE SUCCEEDS | | |
| 2ABD | SUBSET WITH DOT | | |
| 2ABE | SUPERSET WITH DOT | | |
| 2ABF | SUBSET WITH PLUS SIGN BELOW | | |
| 2AC0 | SUPERSET WITH PLUS SIGN BELOW | | |
| 2AC1 | SUBSET WITH MULTIPLICATION SIGN BELOW | | |
| 2AC2 | SUPERSET WITH MULTIPLICATION SIGN BELOW | | |
| 2AC3 | SUBSET OF OR EQUAL TO WITH DOT ABOVE | | |
| 2AC4 | SUPERSET OF OR EQUAL TO WITH DOT ABOVE | | |
| 2AC5 | SUBSET OF ABOVE EQUALS SIGN | | |
| 2AC6 | SUPERSET OF ABOVE EQUALS SIGN | | |
| 2AC7 | SUBSET OF ABOVE TILDE OPERATOR | | |
| 2AC8 | SUPERSET OF ABOVE TILDE OPERATOR | | |
| 2AC9 | SUBSET OF ABOVE ALMOST EQUAL TO | | |
| 2ACA | SUPERSET OF ABOVE ALMOST EQUAL TO | | |
| 2ACB | SUBSET OF ABOVE NOT EQUAL TO | | |
| 2ACC | SUPERSET OF ABOVE NOT EQUAL TO | | |
| 2ACD | SQUARE LEFT OPEN BOX OPERATOR | | |
| 2ACE | SQUARE RIGHT OPEN BOX OPERATOR | | |
| 2ACF | CLOSED SUBSET | | |
| 2AD0 | CLOSED SUPERSET | | |
| 2AD1 | CLOSED SUBSET OR EQUAL TO | | |
| 2AD2 | CLOSED SUPERSET OR EQUAL TO | | |
| 2AD3 | SUBSET ABOVE SUPERSET | | |
| 2AD4 | SUPERSET ABOVE SUBSET | | |
| 2AD5 | SUBSET ABOVE SUBSET | | |
| 2AD6 | SUPERSET ABOVE SUPERSET | | |
| 2AD7 | SUPERSET BESIDE SUBSET | | |
| 2AD8 | SUPERSET BESIDE AND JOINED BY DASH WITH SUBSET | | |
| 2AD9 | ELEMENT OF OPENING DOWNWARDS | | |
| 2ADA | PITCHFORK WITH TEE TOP | | |
| 2ADB | TRANSVERSAL INTERSECTION | | |
| 2ADC | FORKING | | |

Group 00

Plane 00

Row 2A

Table 87 - Row 30: CJK Symbols and Punctuation

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

G = 00
P = 00

Table 87 - Row 30: CJK Symbols and Punctuation

| HEX | NAME | HEX | NAME |
|------|--|-----|------|
| 3000 | IDEOGRAPHIC SPACE | | |
| 3001 | IDEOGRAPHIC COMMA | | |
| 3002 | IDEOGRAPHIC FULL STOP | | |
| 3003 | DITTO MARK | | |
| 3004 | JAPANESE INDUSTRIAL STANDARD SYMBOL | | |
| 3005 | IDEOGRAPHIC ITERATION MARK | | |
| 3006 | IDEOGRAPHIC CLOSING MARK | | |
| 3007 | IDEOGRAPHIC NUMBER ZERO | | |
| 3008 | LEFT ANGLE BRACKET | | |
| 3009 | RIGHT ANGLE BRACKET | | |
| 300A | LEFT DOUBLE ANGLE BRACKET | | |
| 300B | RIGHT DOUBLE ANGLE BRACKET | | |
| 300C | LEFT CORNER BRACKET | | |
| 300D | RIGHT CORNER BRACKET | | |
| 300E | LEFT WHITE CORNER BRACKET | | |
| 300F | RIGHT WHITE CORNER BRACKET | | |
| 3010 | LEFT BLACK LENTICULAR BRACKET | | |
| 3011 | RIGHT BLACK LENTICULAR BRACKET | | |
| 3012 | POSTAL MARK | | |
| 3013 | GETA MARK | | |
| 3014 | LEFT TORTOISE SHELL BRACKET | | |
| 3015 | RIGHT TORTOISE SHELL BRACKET | | |
| 3016 | LEFT WHITE LENTICULAR BRACKET | | |
| 3017 | RIGHT WHITE LENTICULAR BRACKET | | |
| 3018 | LEFT WHITE TORTOISE SHELL BRACKET | | |
| 3019 | RIGHT WHITE TORTOISE SHELL BRACKET | | |
| 301A | LEFT WHITE SQUARE BRACKET | | |
| 301B | RIGHT WHITE SQUARE BRACKET | | |
| 301C | WAVE DASH | | |
| 301D | REVERSED DOUBLE PRIME QUOTATION MARK | | |
| 301E | DOUBLE PRIME QUOTATION MARK | | |
| 301F | LOW DOUBLE PRIME QUOTATION MARK | | |
| 3020 | POSTAL MARK FACE | | |
| 3021 | HANGZHOU NUMERAL ONE | | |
| 3022 | HANGZHOU NUMERAL TWO | | |
| 3023 | HANGZHOU NUMERAL THREE | | |
| 3024 | HANGZHOU NUMERAL FOUR | | |
| 3025 | HANGZHOU NUMERAL FIVE | | |
| 3026 | HANGZHOU NUMERAL SIX | | |
| 3027 | HANGZHOU NUMERAL SEVEN | | |
| 3028 | HANGZHOU NUMERAL EIGHT | | |
| 3029 | HANGZHOU NUMERAL NINE | | |
| 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 | | |
| 302F | HANGUL DOUBLE DOT TONE MARK | | |
| 3030 | WAVY DASH | | |
| 3031 | VERTICAL KANA REPEAT MARK | | |
| 3032 | VERTICAL KANA REPEAT WITH VOICED SOUND MARK | | |
| 3033 | VERTICAL KANA REPEAT MARK UPPER HALF | | |
| 3034 | VERTICAL KANA REPEAT WITH VOICED SOUND MARK UPPER HALF | | |
| 3035 | VERTICAL KANA REPEAT MARK LOWER HALF | | |
| 3036 | CIRCLED POSTAL MARK | | |
| 3037 | IDEOGRAPHIC TELEGRAPH LINE FEED SEPARATOR SYMBOL | | |
| 3038 | HANGZHOU NUMERAL TEN | | |
| 3039 | HANGZHOU NUMERAL TWENTY | | |
| 303A | HANGZHOU NUMERAL THIRTY | | |
| 303B | VERTICAL IDEOGRAPHIC ITERATION MARK | | |
| 303C | MASU MARK | | |
| 303D | PART ALTERNATION MARK | | |
| 303E | IDEOGRAPHIC VARIATION INDICATOR | | |
| 303F | IDEOGRAPHIC HALF FILL SPACE | | |

Group 00

Plane 00

Row 30

Table 88 - Row 30: Hiragana

| | 304 | 305 | 306 | 307 | 308 | 309 |
|---|---|-----------|-----------|-----------|-----------|--|
| 0 |  | ぐ 3050 | だ 3060 | ば 3070 | む 3080 | る 3090 |
| 1 | あ 3041 | け 3051 | ち 3061 | ぱ 3071 | め 3081 | ゑ 3091 |
| 2 | ぁ 3042 | げ 3052 | ぢ 3062 | ひ 3072 | も 3082 | を 3092 |
| 3 | い 3043 | こ 3053 | っ 3063 | び 3073 | ゃ 3083 | ん 3093 |
| 4 | い 3044 | ご 3054 | っ 3064 | び 3074 | ゃ 3084 | う 3094 |
| 5 | う 3045 | さ 3055 | づ 3065 | ふ 3075 | ゆ 3085 | か 3095 |
| 6 | う 3046 | ざ 3056 | て 3066 | ぶ 3076 | ゆ 3086 | け 3096 |
| 7 | え 3047 | し 3057 | で 3067 | ふ 3077 | よ 3087 |  |
| 8 | え 3048 | じ 3058 | と 3068 | へ 3078 | よ 3088 |  |
| 9 | お 3049 | す 3059 | ど 3069 | べ 3079 | ら 3089 | ゝ 3099 |
| A | お 304A | ず 305A | な 306A | ぺ 307A | り 308A | ゝ 309A |
| B | か 304B | せ 305B | に 306B | ほ 307B | る 308B | ゝ 309B |
| C | が 304C | ぜ 305C | ぬ 306C | ぼ 307C | れ 308C | ゝ 309C |
| D | き 304D | そ 305D | ね 306D | ぽ 307D | ろ 308D | ゝ 309D |
| E | ぎ 304E | ぞ 305E | の 306E | ま 307E | わ 308E | ゝ 309E |
| F | く 304F | た 305F | は 306F | み 307F | わ 308F | ら 309F |

G = 00
P = 00

Table 88 - Row 30: Hiragana

| HEX | NAME | HEX | NAME |
|------|--|------|--------------------------------|
| 3040 | (This position shall not be used) | 309D | HIRAGANA ITERATION MARK |
| 3041 | HIRAGANA LETTER SMALL A | 309E | HIRAGANA VOICED ITERATION MARK |
| 3042 | HIRAGANA LETTER A | 309F | HIRAGANA DIGRAPH YORI |
| 3043 | HIRAGANA LETTER SMALL I | | |
| 3044 | HIRAGANA LETTER I | | |
| 3045 | HIRAGANA LETTER SMALL U | | |
| 3046 | HIRAGANA LETTER U | | |
| 3047 | HIRAGANA LETTER SMALL E | | |
| 3048 | HIRAGANA LETTER E | | |
| 3049 | HIRAGANA LETTER SMALL O | | |
| 304A | HIRAGANA LETTER O | | |
| 304B | HIRAGANA LETTER KA | | |
| 304C | HIRAGANA LETTER GA | | |
| 304D | HIRAGANA LETTER KI | | |
| 304E | HIRAGANA LETTER GI | | |
| 304F | HIRAGANA LETTER KU | | |
| 3050 | HIRAGANA LETTER GU | | |
| 3051 | HIRAGANA LETTER KE | | |
| 3052 | HIRAGANA LETTER GE | | |
| 3053 | HIRAGANA LETTER KO | | |
| 3054 | HIRAGANA LETTER GO | | |
| 3055 | HIRAGANA LETTER SA | | |
| 3056 | HIRAGANA LETTER ZA | | |
| 3057 | HIRAGANA LETTER SI | | |
| 3058 | HIRAGANA LETTER ZI | | |
| 3059 | HIRAGANA LETTER SU | | |
| 305A | HIRAGANA LETTER ZU | | |
| 305B | HIRAGANA LETTER SE | | |
| 305C | HIRAGANA LETTER ZE | | |
| 305D | HIRAGANA LETTER SO | | |
| 305E | HIRAGANA LETTER ZO | | |
| 305F | HIRAGANA LETTER TA | | |
| 3060 | HIRAGANA LETTER DA | | |
| 3061 | HIRAGANA LETTER TI | | |
| 3062 | HIRAGANA LETTER DI | | |
| 3063 | HIRAGANA LETTER SMALL TU | | |
| 3064 | HIRAGANA LETTER TU | | |
| 3065 | HIRAGANA LETTER DU | | |
| 3066 | HIRAGANA LETTER TE | | |
| 3067 | HIRAGANA LETTER DE | | |
| 3068 | HIRAGANA LETTER TO | | |
| 3069 | HIRAGANA LETTER DO | | |
| 306A | HIRAGANA LETTER NA | | |
| 306B | HIRAGANA LETTER NI | | |
| 306C | HIRAGANA LETTER NU | | |
| 306D | HIRAGANA LETTER NE | | |
| 306E | HIRAGANA LETTER NO | | |
| 306F | HIRAGANA LETTER HA | | |
| 3070 | HIRAGANA LETTER BA | | |
| 3071 | HIRAGANA LETTER PA | | |
| 3072 | HIRAGANA LETTER HI | | |
| 3073 | HIRAGANA LETTER BI | | |
| 3074 | HIRAGANA LETTER PI | | |
| 3075 | HIRAGANA LETTER HU | | |
| 3076 | HIRAGANA LETTER BU | | |
| 3077 | HIRAGANA LETTER PU | | |
| 3078 | HIRAGANA LETTER HE | | |
| 3079 | HIRAGANA LETTER BE | | |
| 307A | HIRAGANA LETTER PE | | |
| 307B | HIRAGANA LETTER HO | | |
| 307C | HIRAGANA LETTER BO | | |
| 307D | HIRAGANA LETTER PO | | |
| 307E | HIRAGANA LETTER MA | | |
| 307F | HIRAGANA LETTER MI | | |
| 3080 | HIRAGANA LETTER MU | | |
| 3081 | HIRAGANA LETTER ME | | |
| 3082 | HIRAGANA LETTER MO | | |
| 3083 | HIRAGANA LETTER SMALL YA | | |
| 3084 | HIRAGANA LETTER YA | | |
| 3085 | HIRAGANA LETTER SMALL YU | | |
| 3086 | HIRAGANA LETTER YU | | |
| 3087 | HIRAGANA LETTER SMALL YO | | |
| 3088 | HIRAGANA LETTER YO | | |
| 3089 | HIRAGANA LETTER RA | | |
| 308A | HIRAGANA LETTER RI | | |
| 308B | HIRAGANA LETTER RU | | |
| 308C | HIRAGANA LETTER RE | | |
| 308D | HIRAGANA LETTER RO | | |
| 308E | HIRAGANA LETTER SMALL WA | | |
| 308F | HIRAGANA LETTER WA | | |
| 3090 | HIRAGANA LETTER WI | | |
| 3091 | HIRAGANA LETTER WE | | |
| 3092 | HIRAGANA LETTER WO | | |
| 3093 | HIRAGANA LETTER N | | |
| 3094 | HIRAGANA LETTER VU | | |
| 3095 | HIRAGANA LETTER SMALL KA | | |
| 3096 | HIRAGANA LETTER SMALL KE | | |
| 3097 | (This position shall not be used) | | |
| 3098 | (This position shall not be used) | | |
| 3099 | COMBINING KATAKANA-HIRAGANA VOICED SOUND MARK | | |
| 309A | COMBINING KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK | | |
| 309B | KATAKANA-HIRAGANA VOICED SOUND MARK | | |
| 309C | KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK | | |

Group 00

Plane 00

Row 30

Table 89 - Row 30: Katakana

| | 30A | 30B | 30C | 30D | 30E | 30F |
|---|------------------------|-----------|-----------|------------------------|-----------|------------------------|
| 0 | ＝ 30A0 | グ 30B0 | ダ 30C0 | バ 30D0 | ム 30E0 | ヰ 30F0 |
| 1 | ア 30A1 | ケ 30B1 | チ 30C1 | パ [◦] 30D1 | メ 30E1 | エ 30F1 |
| 2 | ア 30A2 | ゲ 30B2 | ヂ 30C2 | ヒ 30D2 | モ 30E2 | ヲ 30F2 |
| 3 | イ 30A3 | コ 30B3 | ツ 30C3 | ビ [◦] 30D3 | ヤ 30E3 | ン 30F3 |
| 4 | イ 30A4 | ゴ 30B4 | ツ 30C4 | ピ [◦] 30D4 | ヤ 30E4 | ヴ 30F4 |
| 5 | ウ 30A5 | サ 30B5 | ヅ 30C5 | フ 30D5 | ユ 30E5 | カ 30F5 |
| 6 | ウ 30A6 | ザ 30B6 | テ 30C6 | ブ 30D6 | ユ 30E6 | ケ 30F6 |
| 7 | エ 30A7 | シ 30B7 | デ 30C7 | プ [◦] 30D7 | ヨ 30E7 | ヅ 30F7 |
| 8 | エ 30A8 | ジ 30B8 | ト 30C8 | ヘ 30D8 | ヨ 30E8 | ギ [◦] 30F8 |
| 9 | オ 30A9 | ス 30B9 | ド 30C9 | ベ 30D9 | ラ 30E9 | ヱ [◦] 30F9 |
| A | オ 30AA | ズ 30BA | ナ 30CA | ペ [◦] 30DA | リ 30EA | ヅ 30FA |
| B | カ 30AB | セ 30BB | ニ 30CB | ホ 30DB | ル 30EB | ・ 30FB |
| C | ガ 30AC | ゼ 30BC | ヌ 30CC | ボ 30DC | レ 30EC | ー 30FC |
| D | キ 30AD | ソ 30BD | ネ 30CD | ポ [◦] 30DD | ロ 30ED | ヽ 30FD |
| E | ギ [◦] 30AE | ゾ 30BE | ノ 30CE | マ 30DE | ワ 30EE | ヾ [◦] 30FE |
| F | ク 30AF | タ 30BF | ハ 30CF | ミ 30DF | ワ 30EF | ㇿ 30FF |

G = 00
P = 00

Table 89 - Row 30: Katakana

| HEX | NAME | HEX | NAME |
|------|--|------|--------------------------------|
| 30A0 | KATAKANA-HIRAGANA DOUBLE HYPHEN | 30FD | KATAKANA ITERATION MARK |
| 30A1 | KATAKANA LETTER SMALL A | 30FE | KATAKANA VOICED ITERATION MARK |
| 30A2 | KATAKANA LETTER A | 30FF | KATAKANA DIGRAPH KOTO |
| 30A3 | KATAKANA LETTER SMALL I | | |
| 30A4 | KATAKANA LETTER I | | |
| 30A5 | KATAKANA LETTER SMALL U | | |
| 30A6 | KATAKANA LETTER U | | |
| 30A7 | KATAKANA LETTER SMALL E | | |
| 30A8 | KATAKANA LETTER E | | |
| 30A9 | KATAKANA LETTER SMALL O | | |
| 30AA | KATAKANA LETTER O | | |
| 30AB | KATAKANA LETTER KA | | |
| 30AC | KATAKANA LETTER GA | | |
| 30AD | KATAKANA LETTER KI | | |
| 30AE | KATAKANA LETTER GI | | |
| 30AF | KATAKANA LETTER KU | | |
| 30B0 | KATAKANA LETTER GU | | |
| 30B1 | KATAKANA LETTER KE | | |
| 30B2 | KATAKANA LETTER GE | | |
| 30B3 | KATAKANA LETTER KO | | |
| 30B4 | KATAKANA LETTER GO | | |
| 30B5 | KATAKANA LETTER SA | | |
| 30B6 | KATAKANA LETTER ZA | | |
| 30B7 | KATAKANA LETTER SI | | |
| 30B8 | KATAKANA LETTER ZI | | |
| 30B9 | KATAKANA LETTER SU | | |
| 30BA | KATAKANA LETTER ZU | | |
| 30BB | KATAKANA LETTER SE | | |
| 30BC | KATAKANA LETTER ZE | | |
| 30BD | KATAKANA LETTER SO | | |
| 30BE | KATAKANA LETTER ZO | | |
| 30BF | KATAKANA LETTER TA | | |
| 30C0 | KATAKANA LETTER DA | | |
| 30C1 | KATAKANA LETTER TI | | |
| 30C2 | KATAKANA LETTER DI | | |
| 30C3 | KATAKANA LETTER SMALL TU | | |
| 30C4 | KATAKANA LETTER TU | | |
| 30C5 | KATAKANA LETTER DU | | |
| 30C6 | KATAKANA LETTER TE | | |
| 30C7 | KATAKANA LETTER DE | | |
| 30C8 | KATAKANA LETTER TO | | |
| 30C9 | KATAKANA LETTER DO | | |
| 30CA | KATAKANA LETTER NA | | |
| 30CB | KATAKANA LETTER NI | | |
| 30CC | KATAKANA LETTER NU | | |
| 30CD | KATAKANA LETTER NE | | |
| 30CE | KATAKANA LETTER NO | | |
| 30CF | KATAKANA LETTER HA | | |
| 30D0 | KATAKANA LETTER BA | | |
| 30D1 | KATAKANA LETTER PA | | |
| 30D2 | KATAKANA LETTER HI | | |
| 30D3 | KATAKANA LETTER BI | | |
| 30D4 | KATAKANA LETTER PI | | |
| 30D5 | KATAKANA LETTER HU | | |
| 30D6 | KATAKANA LETTER BU | | |
| 30D7 | KATAKANA LETTER PU | | |
| 30D8 | KATAKANA LETTER HE | | |
| 30D9 | KATAKANA LETTER BE | | |
| 30DA | KATAKANA LETTER PE | | |
| 30DB | KATAKANA LETTER HO | | |
| 30DC | KATAKANA LETTER BO | | |
| 30DD | KATAKANA LETTER PO | | |
| 30DE | KATAKANA LETTER MA | | |
| 30DF | KATAKANA LETTER MI | | |
| 30E0 | KATAKANA LETTER MU | | |
| 30E1 | KATAKANA LETTER ME | | |
| 30E2 | KATAKANA LETTER MO | | |
| 30E3 | KATAKANA LETTER SMALL YA | | |
| 30E4 | KATAKANA LETTER YA | | |
| 30E5 | KATAKANA LETTER SMALL YU | | |
| 30E6 | KATAKANA LETTER YU | | |
| 30E7 | KATAKANA LETTER SMALL YO | | |
| 30E8 | KATAKANA LETTER YO | | |
| 30E9 | KATAKANA LETTER RA | | |
| 30EA | KATAKANA LETTER RI | | |
| 30EB | KATAKANA LETTER RU | | |
| 30EC | KATAKANA LETTER RE | | |
| 30ED | KATAKANA LETTER RO | | |
| 30EE | KATAKANA LETTER SMALL WA | | |
| 30EF | KATAKANA LETTER WA | | |
| 30F0 | KATAKANA LETTER WI | | |
| 30F1 | KATAKANA LETTER WE | | |
| 30F2 | KATAKANA LETTER WO | | |
| 30F3 | KATAKANA LETTER N | | |
| 30F4 | KATAKANA LETTER VU | | |
| 30F5 | KATAKANA LETTER SMALL KA | | |
| 30F6 | KATAKANA LETTER SMALL KE | | |
| 30F7 | KATAKANA LETTER VA | | |
| 30F8 | KATAKANA LETTER VI | | |
| 30F9 | KATAKANA LETTER VE | | |
| 30FA | KATAKANA LETTER VO | | |
| 30FB | KATAKANA MIDDLE DOT | | |
| 30FC | KATAKANA-HIRAGANA PROLONGED SOUND MARK | | |

Group 00

Plane 00

Row 30

Table 94 - Row 31: Katakana Phonetic Extensions

| 31F | | |
|-----|------|------------------|
| 0 | ク | G = 00 P = 00 |
| | 31F0 | |
| 1 | シ | |
| | 31F1 | |
| 2 | ス | |
| | 31F2 | |
| 3 | ト | |
| | 31F3 | |
| 4 | ヌ | |
| | 31F4 | |
| 5 | ハ | |
| | 31F5 | |
| 6 | ヒ | |
| | 31F6 | |
| 7 | フ | |
| | 31F7 | |
| 8 | ヘ | |
| | 31F8 | |
| 9 | ホ | |
| | 31F9 | |
| A | ム | |
| | 31FA | |
| B | ラ | |
| | 31FB | |
| C | リ | |
| | 31FC | |
| D | ル | |
| | 31FD | |
| E | レ | |
| | 31FE | |
| F | ロ | |
| | 31FF | |

Table 94 - Row 31: Katakana Phonetic Extensions

| PARTS OF HIRAGANA | | HIRAGANA EXTENSIONS | |
|-------------------|--------------------------|---------------------|------|
| HEX | NAME | HEX | NAME |
| 31F0 | KATAKANA LETTER SMALL KU | | |
| 31F1 | KATAKANA LETTER SMALL SI | | |
| 31F2 | KATAKANA LETTER SMALL SU | | |
| 31F3 | KATAKANA LETTER SMALL TO | | |
| 31F4 | KATAKANA LETTER SMALL NU | | |
| 31F5 | KATAKANA LETTER SMALL HA | | |
| 31F6 | KATAKANA LETTER SMALL HI | | |
| 31F7 | KATAKANA LETTER SMALL HU | | |
| 31F8 | KATAKANA LETTER SMALL HE | | |
| 31F9 | KATAKANA LETTER SMALL HO | | |
| 31FA | KATAKANA LETTER SMALL MU | | |
| 31FB | KATAKANA LETTER SMALL RA | | |
| 31FC | KATAKANA LETTER SMALL RI | | |
| 31FD | KATAKANA LETTER SMALL RU | | |
| 31FE | KATAKANA LETTER SMALL RE | | |
| 31FF | KATAKANA LETTER SMALL RO | | |

Row 31

Table 95 - Row 32: Enclosed CJK Letters and Months

| | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 |
|---|----------|----------|----------|----------|----------|--------|----------|----------|
| 0 | (ㄱ) 3200 | (다) 3210 | (一) 3220 | (日) 3230 | (祭) 3240 | | (ㄱ) 3260 | (다) 3270 |
| 1 | (ㄴ) 3201 | (라) 3211 | (二) 3221 | (株) 3231 | (休) 3241 | ㉑ 3251 | (ㄴ) 3261 | (라) 3271 |
| 2 | (ㄷ) 3202 | (마) 3212 | (三) 3222 | (有) 3232 | (自) 3242 | ㉒ 3252 | (ㄷ) 3262 | (마) 3272 |
| 3 | (ㄹ) 3203 | (바) 3213 | (四) 3223 | (社) 3233 | (至) 3243 | ㉓ 3253 | (ㄹ) 3263 | (바) 3273 |
| 4 | (ㅁ) 3204 | (사) 3214 | (五) 3224 | (名) 3234 | | ㉔ 3254 | (ㅁ) 3264 | (사) 3274 |
| 5 | (ㅂ) 3205 | (아) 3215 | (六) 3225 | (特) 3235 | | ㉕ 3255 | (ㅂ) 3265 | (아) 3275 |
| 6 | (ㅅ) 3206 | (자) 3216 | (七) 3226 | (財) 3236 | | ㉖ 3256 | (ㅅ) 3266 | (자) 3276 |
| 7 | (ㅇ) 3207 | (차) 3217 | (八) 3227 | (祝) 3237 | | ㉗ 3257 | (ㅇ) 3267 | (차) 3277 |
| 8 | (ㅈ) 3208 | (카) 3218 | (九) 3228 | (勞) 3238 | | ㉘ 3258 | (ㅈ) 3268 | (카) 3278 |
| 9 | (ㅊ) 3209 | (타) 3219 | (十) 3229 | (代) 3239 | | ㉙ 3259 | (ㅊ) 3269 | (타) 3279 |
| A | (ㅋ) 320A | (파) 321A | (月) 322A | (呼) 323A | | ㉚ 325A | (ㅋ) 326A | (파) 327A |
| B | (ㅌ) 320B | (하) 321B | (火) 322B | (学) 323B | | ㉛ 325B | (ㅌ) 326B | (하) 327B |
| C | (ㅍ) 320C | (주) 321C | (水) 322C | (監) 323C | | ㉜ 325C | (ㅍ) 326C | |
| D | (ㅎ) 320D | | (木) 322D | (企) 323D | | ㉝ 325D | (ㅎ) 326D | |
| E | (가) 320E | | (金) 322E | (資) 323E | | ㉞ 325E | (가) 326E | |
| F | (나) 320F | | (土) 322F | (協) 323F | | ㉟ 325F | (나) 326F | (ㄱ) 327F |

G = 00
P = 00

Table 95 - Row 32: Enclosed CJK Letters and Months

| HEX | NAME | HEX | NAME |
|------|--|------|-----------------------------------|
| 3200 | PARENTHESIZED HANGUL KIYEOK | 325D | CIRCLED NUMBER THIRTY THREE |
| 3201 | PARENTHESIZED HANGUL NIEUN | 325E | CIRCLED NUMBER THIRTY FOUR |
| 3202 | PARENTHESIZED HANGUL TKEUT | 325F | CIRCLED NUMBER THIRTY FIVE |
| 3203 | PARENTHESIZED HANGUL RIEUL | 3260 | CIRCLED HANGUL KIYEOK |
| 3204 | PARENTHESIZED HANGUL MIEUM | 3261 | CIRCLED HANGUL NIEUN |
| 3205 | PARENTHESIZED HANGUL PIEUP | 3262 | CIRCLED HANGUL TKEUT |
| 3206 | PARENTHESIZED HANGUL SIOS | 3263 | CIRCLED HANGUL RIEUL |
| 3207 | PARENTHESIZED HANGUL IEUNG | 3264 | CIRCLED HANGUL MIEUM |
| 3208 | PARENTHESIZED HANGUL CIEUC | 3265 | CIRCLED HANGUL PIEUP |
| 3209 | PARENTHESIZED HANGUL CHIEUCH | 3266 | CIRCLED HANGUL SIOS |
| 320A | PARENTHESIZED HANGUL KHIEUKH | 3267 | CIRCLED HANGUL IEUNG |
| 320B | PARENTHESIZED HANGUL THIEUTH | 3268 | CIRCLED HANGUL CIEUC |
| 320C | PARENTHESIZED HANGUL PHIEUPH | 3269 | CIRCLED HANGUL CHIEUCH |
| 320D | PARENTHESIZED HANGUL HIEUH | 326A | CIRCLED HANGUL KHIEUKH |
| 320E | PARENTHESIZED HANGUL KIYEOK A | 326B | CIRCLED HANGUL THIEUTH |
| 320F | PARENTHESIZED HANGUL NIEUN A | 326C | CIRCLED HANGUL PHIEUPH |
| 3210 | PARENTHESIZED HANGUL TKEUT A | 326D | CIRCLED HANGUL HIEUH |
| 3211 | PARENTHESIZED HANGUL RIEUL A | 326E | CIRCLED HANGUL KIYEOK A |
| 3212 | PARENTHESIZED HANGUL MIEUM A | 326F | CIRCLED HANGUL NIEUN A |
| 3213 | PARENTHESIZED HANGUL PIEUP A | 3270 | CIRCLED HANGUL TKEUT A |
| 3214 | PARENTHESIZED HANGUL SIOS A | 3271 | CIRCLED HANGUL RIEUL A |
| 3215 | PARENTHESIZED HANGUL IEUNG A | 3272 | CIRCLED HANGUL MIEUM A |
| 3216 | PARENTHESIZED HANGUL CIEUC A | 3273 | CIRCLED HANGUL PIEUP A |
| 3217 | PARENTHESIZED HANGUL CHIEUCH A | 3274 | CIRCLED HANGUL SIOS A |
| 3218 | PARENTHESIZED HANGUL KHIEUKH A | 3275 | CIRCLED HANGUL IEUNG A |
| 3219 | PARENTHESIZED HANGUL THIEUTH A | 3276 | CIRCLED HANGUL CIEUC A |
| 321A | PARENTHESIZED HANGUL PHIEUPH A | 3277 | CIRCLED HANGUL CHIEUCH A |
| 321B | PARENTHESIZED HANGUL HIEUH A | 3278 | CIRCLED HANGUL KHIEUKH A |
| 321C | PARENTHESIZED HANGUL CIEUC U | 3279 | CIRCLED HANGUL THIEUTH A |
| 321D | (This position shall not be used) | 327A | CIRCLED HANGUL PHIEUPH A |
| 321E | (This position shall not be used) | 327B | CIRCLED HANGUL HIEUH A |
| 321F | (This position shall not be used) | 327C | (This position shall not be used) |
| 3220 | PARENTHESIZED IDEOGRAPH ONE | 327D | (This position shall not be used) |
| 3221 | PARENTHESIZED IDEOGRAPH TWO | 327E | (This position shall not be used) |
| 3222 | PARENTHESIZED IDEOGRAPH THREE | 327F | KOREAN STANDARD SYMBOL |
| 3223 | PARENTHESIZED IDEOGRAPH FOUR | | |
| 3224 | PARENTHESIZED IDEOGRAPH FIVE | | |
| 3225 | PARENTHESIZED IDEOGRAPH SIX | | |
| 3226 | PARENTHESIZED IDEOGRAPH SEVEN | | |
| 3227 | PARENTHESIZED IDEOGRAPH EIGHT | | |
| 3228 | PARENTHESIZED IDEOGRAPH NINE | | |
| 3229 | PARENTHESIZED IDEOGRAPH TEN | | |
| 322A | PARENTHESIZED IDEOGRAPH MOON | | |
| 322B | PARENTHESIZED IDEOGRAPH FIRE | | |
| 322C | PARENTHESIZED IDEOGRAPH WATER | | |
| 322D | PARENTHESIZED IDEOGRAPH WOOD | | |
| 322E | PARENTHESIZED IDEOGRAPH METAL | | |
| 322F | PARENTHESIZED IDEOGRAPH EARTH | | |
| 3230 | PARENTHESIZED IDEOGRAPH SUN | | |
| 3231 | PARENTHESIZED IDEOGRAPH STOCK | | |
| 3232 | PARENTHESIZED IDEOGRAPH HAVE | | |
| 3233 | PARENTHESIZED IDEOGRAPH SOCIETY | | |
| 3234 | PARENTHESIZED IDEOGRAPH NAME | | |
| 3235 | PARENTHESIZED IDEOGRAPH SPECIAL | | |
| 3236 | PARENTHESIZED IDEOGRAPH FINANCIAL | | |
| 3237 | PARENTHESIZED IDEOGRAPH CONGRATULATION | | |
| 3238 | PARENTHESIZED IDEOGRAPH LABOR | | |
| 3239 | PARENTHESIZED IDEOGRAPH REPRESENT | | |
| 323A | PARENTHESIZED IDEOGRAPH CALL | | |
| 323B | PARENTHESIZED IDEOGRAPH STUDY | | |
| 323C | PARENTHESIZED IDEOGRAPH SUPERVISE | | |
| 323D | PARENTHESIZED IDEOGRAPH ENTERPRISE | | |
| 323E | PARENTHESIZED IDEOGRAPH RESOURCE | | |
| 323F | PARENTHESIZED IDEOGRAPH ALLIANCE | | |
| 3240 | PARENTHESIZED IDEOGRAPH FESTIVAL | | |
| 3241 | PARENTHESIZED IDEOGRAPH REST | | |
| 3242 | PARENTHESIZED IDEOGRAPH SELF | | |
| 3243 | PARENTHESIZED IDEOGRAPH REACH | | |
| 3244 | (This position shall not be used) | | |
| 3245 | (This position shall not be used) | | |
| 3246 | (This position shall not be used) | | |
| 3247 | (This position shall not be used) | | |
| 3248 | (This position shall not be used) | | |
| 3249 | (This position shall not be used) | | |
| 324A | (This position shall not be used) | | |
| 324B | (This position shall not be used) | | |
| 324C | (This position shall not be used) | | |
| 324D | (This position shall not be used) | | |
| 324E | (This position shall not be used) | | |
| 324F | (This position shall not be used) | | |
| 3250 | (This position shall not be used) | | |
| 3251 | CIRCLED NUMBER TWENTY ONE | | |
| 3252 | CIRCLED NUMBER TWENTY TWO | | |
| 3253 | CIRCLED NUMBER TWENTY THREE | | |
| 3254 | CIRCLED NUMBER TWENTY FOUR | | |
| 3255 | CIRCLED NUMBER TWENTY FIVE | | |
| 3256 | CIRCLED NUMBER TWENTY SIX | | |
| 3257 | CIRCLED NUMBER TWENTY SEVEN | | |
| 3258 | CIRCLED NUMBER TWENTY EIGHT | | |
| 3259 | CIRCLED NUMBER TWENTY NINE | | |
| 325A | CIRCLED NUMBER THIRTY | | |
| 325B | CIRCLED NUMBER THIRTY ONE | | |
| 325C | CIRCLED NUMBER THIRTY TWO | | |

Group 00

Plane 00

Row 32

Table 96 - Row 32: Enclosed CJK Letters and Months

| | 328 | 329 | 32A | 32B | 32C | 32D | 32E | 32F |
|---|-----------|-----------|-----------|------------|-------------|-----------|-----------|-----------|
| 0 | 一 3280 | 日 3290 | 項 32A0 | 夜 32B0 | 1月 32C0 | ア 32D0 | チ 32E0 | ム 32F0 |
| 1 | 二 3281 | 株 3291 | 休 32A1 | 36 32B1 | 2月 32C1 | イ 32D1 | ツ 32E1 | メ 32F1 |
| 2 | 三 3282 | 有 3292 | 写 32A2 | 37 32B2 | 3月 32C2 | ウ 32D2 | テ 32E2 | モ 32F2 |
| 3 | 四 3283 | 社 3293 | 正 32A3 | 38 32B3 | 4月 32C3 | エ 32D3 | ト 32E3 | ヤ 32F3 |
| 4 | 五 3284 | 名 3294 | 上 32A4 | 39 32B4 | 5月 32C4 | オ 32D4 | ナ 32E4 | ユ 32F4 |
| 5 | 六 3285 | 特 3295 | 中 32A5 | 40 32B5 | 6月 32C5 | カ 32D5 | ニ 32E5 | ヨ 32F5 |
| 6 | 七 3286 | 財 3296 | 下 32A6 | 41 32B6 | 7月 32C6 | キ 32D6 | ヌ 32E6 | ラ 32F6 |
| 7 | 八 3287 | 祝 3297 | 左 32A7 | 42 32B7 | 8月 32C7 | ク 32D7 | ネ 32E7 | リ 32F7 |
| 8 | 九 3288 | 勞 3298 | 右 32A8 | 43 32B8 | 9月 32C8 | ケ 32D8 | ノ 32E8 | ル 32F8 |
| 9 | 十 3289 | 秘 3299 | 医 32A9 | 44 32B9 | 10月 32C9 | コ 32D9 | ハ 32E9 | レ 32F9 |
| A | 月 328A | 男 329A | 宗 32AA | 45 32BA | 11月 32CA | サ 32DA | ヒ 32EA | ロ 32FA |
| B | 火 328B | 女 329B | 学 32AB | 46 32BB | 12月 32CB | シ 32DB | フ 32EB | ワ 32FB |
| C | 水 328C | 適 329C | 監 32AC | 47 32BC | | ス 32DC | ヘ 32EC | キ 32FC |
| D | 木 328D | 優 329D | 企 32AD | 48 32BD | | セ 32DD | ホ 32ED | エ 32FD |
| E | 金 328E | 印 329E | 資 32AE | 49 32BE | | ソ 32DE | マ 32EE | ヲ 32FE |
| F | 土 328F | 注 329F | 協 32AF | 50 32BF | | タ 32DF | ミ 32EF | |

G = 00
P = 00

Table 96 - Row 32: Enclosed CJK Letters and Months
























































| HEX | NAME | HEX | NAME |
|------|--|------|-----------------------------------|
| 3280 | CIRCLED IDEOGRAPH ONE | 32DD | CIRCLED KATAKANA SE |
| 3281 | CIRCLED IDEOGRAPH TWO | 32DE | CIRCLED KATAKANA SO |
| 3282 | CIRCLED IDEOGRAPH THREE | 32DF | CIRCLED KATAKANA TA |
| 3283 | CIRCLED IDEOGRAPH FOUR | 32E0 | CIRCLED KATAKANA TI |
| 3284 | CIRCLED IDEOGRAPH FIVE | 32E1 | CIRCLED KATAKANA TU |
| 3285 | CIRCLED IDEOGRAPH SIX | 32E2 | CIRCLED KATAKANA TE |
| 3286 | CIRCLED IDEOGRAPH SEVEN | 32E3 | CIRCLED KATAKANA TO |
| 3287 | CIRCLED IDEOGRAPH EIGHT | 32E4 | CIRCLED KATAKANA NA |
| 3288 | CIRCLED IDEOGRAPH NINE | 32E5 | CIRCLED KATAKANA NI |
| 3289 | CIRCLED IDEOGRAPH TEN | 32E6 | CIRCLED KATAKANA NU |
| 328A | CIRCLED IDEOGRAPH MOON | 32E7 | CIRCLED KATAKANA NE |
| 328B | CIRCLED IDEOGRAPH FIRE | 32E8 | CIRCLED KATAKANA NO |
| 328C | CIRCLED IDEOGRAPH WATER | 32E9 | CIRCLED KATAKANA HA |
| 328D | CIRCLED IDEOGRAPH WOOD | 32EA | CIRCLED KATAKANA HI |
| 328E | CIRCLED IDEOGRAPH METAL | 32EB | CIRCLED KATAKANA HU |
| 328F | CIRCLED IDEOGRAPH EARTH | 32EC | CIRCLED KATAKANA HE |
| 3290 | CIRCLED IDEOGRAPH SUN | 32ED | CIRCLED KATAKANA HO |
| 3291 | CIRCLED IDEOGRAPH STOCK | 32EE | CIRCLED KATAKANA MA |
| 3292 | CIRCLED IDEOGRAPH HAVE | 32EF | CIRCLED KATAKANA MI |
| 3293 | CIRCLED IDEOGRAPH SOCIETY | 32F0 | CIRCLED KATAKANA MU |
| 3294 | CIRCLED IDEOGRAPH NAME | 32F1 | CIRCLED KATAKANA ME |
| 3295 | CIRCLED IDEOGRAPH SPECIAL | 32F2 | CIRCLED KATAKANA MO |
| 3296 | CIRCLED IDEOGRAPH FINANCIAL | 32F3 | CIRCLED KATAKANA YA |
| 3297 | CIRCLED IDEOGRAPH CONGRATULATION | 32F4 | CIRCLED KATAKANA YU |
| 3298 | CIRCLED IDEOGRAPH LABOR | 32F5 | CIRCLED KATAKANA YO |
| 3299 | CIRCLED IDEOGRAPH SECRET | 32F6 | CIRCLED KATAKANA RA |
| 329A | CIRCLED IDEOGRAPH MALE | 32F7 | CIRCLED KATAKANA RI |
| 329B | CIRCLED IDEOGRAPH FEMALE | 32F8 | CIRCLED KATAKANA RU |
| 329C | CIRCLED IDEOGRAPH SUITABLE | 32F9 | CIRCLED KATAKANA RE |
| 329D | CIRCLED IDEOGRAPH EXCELLENT | 32FA | CIRCLED KATAKANA RO |
| 329E | CIRCLED IDEOGRAPH PRINT | 32FB | CIRCLED KATAKANA WA |
| 329F | CIRCLED IDEOGRAPH ATTENTION | 32FC | CIRCLED KATAKANA WI |
| 32A0 | CIRCLED IDEOGRAPH ITEM | 32FD | CIRCLED KATAKANA WE |
| 32A1 | CIRCLED IDEOGRAPH REST | 32FE | CIRCLED KATAKANA WO |
| 32A2 | CIRCLED IDEOGRAPH COPY | 32FF | (This position shall not be used) |
| 32A3 | CIRCLED IDEOGRAPH CORRECT | | |
| 32A4 | CIRCLED IDEOGRAPH HIGH | | |
| 32A5 | CIRCLED IDEOGRAPH CENTRE | | |
| 32A6 | CIRCLED IDEOGRAPH LOW | | |
| 32A7 | CIRCLED IDEOGRAPH LEFT | | |
| 32A8 | CIRCLED IDEOGRAPH RIGHT | | |
| 32A9 | CIRCLED IDEOGRAPH MEDICINE | | |
| 32AA | CIRCLED IDEOGRAPH RELIGION | | |
| 32AB | CIRCLED IDEOGRAPH STUDY | | |
| 32AC | CIRCLED IDEOGRAPH SUPERVISE | | |
| 32AD | CIRCLED IDEOGRAPH ENTERPRISE | | |
| 32AE | CIRCLED IDEOGRAPH RESOURCE | | |
| 32AF | CIRCLED IDEOGRAPH ALLIANCE | | |
| 32B0 | CIRCLED IDEOGRAPH NIGHT | | |
| 32B1 | CIRCLED NUMBER THIRTY SIX | | |
| 32B2 | CIRCLED NUMBER THIRTY SEVEN | | |
| 32B3 | CIRCLED NUMBER THIRTY EIGHT | | |
| 32B4 | CIRCLED NUMBER THIRTY NINE | | |
| 32B5 | CIRCLED NUMBER FORTY | | |
| 32B6 | CIRCLED NUMBER FORTY ONE | | |
| 32B7 | CIRCLED NUMBER FORTY TWO | | |
| 32B8 | CIRCLED NUMBER FORTY THREE | | |
| 32B9 | CIRCLED NUMBER FORTY FOUR | | |
| 32BA | CIRCLED NUMBER FORTY FIVE | | |
| 32BB | CIRCLED NUMBER FORTY SIX | | |
| 32BC | CIRCLED NUMBER FORTY SEVEN | | |
| 32BD | CIRCLED NUMBER FORTY EIGHT | | |
| 32BE | CIRCLED NUMBER FORTY NINE | | |
| 32BF | CIRCLED NUMBER FIFTY | | |
| 32C0 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JANUARY | | |
| 32C1 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR FEBRUARY | | |
| 32C2 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR MARCH | | |
| 32C3 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR APRIL | | |
| 32C4 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR MAY | | |
| 32C5 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JUNE | | |
| 32C6 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR JULY | | |
| 32C7 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR AUGUST | | |
| 32C8 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR SEPTEMBER | | |
| 32C9 | IDEOGRAPHIC TELEGRAPH SYMBOL FOR OCTOBER | | |
| 32CA | IDEOGRAPHIC TELEGRAPH SYMBOL FOR NOVEMBER | | |
| 32CB | IDEOGRAPHIC TELEGRAPH SYMBOL FOR DECEMBER | | |
| 32CC | (This position shall not be used) | | |
| 32CD | (This position shall not be used) | | |
| 32CE | (This position shall not be used) | | |
| 32CF | (This position shall not be used) | | |
| 32D0 | CIRCLED KATAKANA A | | |
| 32D1 | CIRCLED KATAKANA I | | |
| 32D2 | CIRCLED KATAKANA U | | |
| 32D3 | CIRCLED KATAKANA E | | |
| 32D4 | CIRCLED KATAKANA O | | |
| 32D5 | CIRCLED KATAKANA KA | | |
| 32D6 | CIRCLED KATAKANA KI | | |
| 32D7 | CIRCLED KATAKANA KU | | |
| 32D8 | CIRCLED KATAKANA KE | | |
| 32D9 | CIRCLED KATAKANA KO | | |
| 32DA | CIRCLED KATAKANA SA | | |
| 32DB | CIRCLED KATAKANA SI | | |
| 32DC | CIRCLED KATAKANA SU | | |

Group 00

Plane 00

Row 32

Table 106 - Row A4: Yi Radicals

| | A49 | A4A | A4B | A4C |
|---|---|---|---|--|
| 0 |  A490 |  A4A0 |  A4B0 |  A4C0 |
| 1 |  A491 |  A4A1 |  A4B1 |  A4C1 |
| 2 |  A492 |  A4A2 |  A4B2 |  A4C2 |
| 3 |  A493 |  A4A3 |  A4B3 |  A4C3 |
| 4 |  A494 |  A4A4 |  A4B4 |  A4C4 |
| 5 |  A495 |  A4A5 |  A4B5 |  A4C5 |
| 6 |  A496 |  A4A6 |  A4B6 |  A4C6 |
| 7 |  A497 |  A4A7 |  A4B7 | |
| 8 |  A498 |  A4A8 |  A4B8 | |
| 9 |  A499 |  A4A9 |  A4B9 | |
| A |  A49A |  A4AA |  A4BA | |
| B |  A49B |  A4AB |  A4BB | |
| C |  A49C |  A4AC |  A4BC | |
| D |  A49D |  A4AD |  A4BD | |
| E |  A49E |  A4AE |  A4BE | |
| F |  A49F |  A4AF |  A4BF | |

G = 00
P = 00

Table 106 - Row A4: Yi Radicals

| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| A490 | YI RADICAL QOT | | |
| A491 | YI RADICAL LI | | |
| A492 | YI RADICAL KIT | | |
| A493 | YI RADICAL NYIP | | |
| A494 | YI RADICAL CYP | | |
| A495 | YI RADICAL SSI | | |
| A496 | YI RADICAL GGOP | | |
| A497 | YI RADICAL GEP | | |
| A498 | YI RADICAL MI | | |
| A499 | YI RADICAL HXIT | | |
| A49A | YI RADICAL LYR | | |
| A49B | YI RADICAL BBUT | | |
| A49C | YI RADICAL MOP | | |
| A49D | YI RADICAL YO | | |
| A49E | YI RADICAL PUT | | |
| A49F | YI RADICAL HXUO | | |
| A4A0 | YI RADICAL TAT | | |
| A4A1 | YI RADICAL GA | | |
| A4A2 | YI RADICAL ZUP | | |
| A4A3 | YI RADICAL CYT | | |
| A4A4 | YI RADICAL DDUR | | |
| A4A5 | YI RADICAL BUR | | |
| A4A6 | YI RADICAL GGUO | | |
| A4A7 | YI RADICAL NYOP | | |
| A4A8 | YI RADICAL TU | | |
| A4A9 | YI RADICAL OP | | |
| A4AA | YI RADICAL JJUT | | |
| A4AB | YI RADICAL ZOT | | |
| A4AC | YI RADICAL PYT | | |
| A4AD | YI RADICAL HMO | | |
| A4AE | YI RADICAL YIT | | |
| A4AF | YI RADICAL VUR | | |
| A4B0 | YI RADICAL SHY | | |
| A4B1 | YI RADICAL VEP | | |
| A4B2 | YI RADICAL ZA | | |
| A4B3 | YI RADICAL JO | | |
| A4B4 | YI RADICAL NZUP | | |
| A4B5 | YI RADICAL JJY | | |
| A4B6 | YI RADICAL GOT | | |
| A4B7 | YI RADICAL JJIE | | |
| A4B8 | YI RADICAL WO | | |
| A4B9 | YI RADICAL DU | | |
| A4BA | YI RADICAL SHUR | | |
| A4BB | YI RADICAL LIE | | |
| A4BC | YI RADICAL CY | | |
| A4BD | YI RADICAL CUOP | | |
| A4BE | YI RADICAL CIP | | |
| A4BF | YI RADICAL HXOP | | |
| A4C0 | YI RADICAL SHAT | | |
| A4C1 | YI RADICAL ZUR | | |
| A4C2 | YI RADICAL SHOP | | |
| A4C3 | YI RADICAL CHE | | |
| A4C4 | YI RADICAL ZZIET | | |
| A4C5 | YI RADICAL NBIE | | |
| A4C6 | YI RADICAL KE | | |
| A4C7 | (This position shall not be used) | | |
| A4C8 | (This position shall not be used) | | |
| A4C9 | (This position shall not be used) | | |
| A4CA | (This position shall not be used) | | |
| A4CB | (This position shall not be used) | | |
| A4CC | (This position shall not be used) | | |
| A4CD | (This position shall not be used) | | |
| A4CE | (This position shall not be used) | | |
| A4CF | (This position shall not be used) | | |

Group 00

Plane 00

Row A4

Table 140 - Rows F9-FA: CJK Compatibility Ideographs

| | F9B | F9C | F9D | F9E | F9F | FA0 | FA1 | FA2 | FA3 | FA4 | FA5 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | 聆 F9B0 | 燎 F9C0 | 類 F9D0 | 易 F9E0 | 藺 F9F0 | 切 FA00 | 塚 FA10 | 蘊 FA20 | 侮 FA30 | 懲 FA40 | 祐 FA50 |
| 1 | 鈴 F9B1 | 療 F9C1 | 六 F9D1 | 李 F9E1 | 隣 F9F1 | 度 FA01 | 崎 FA11 | 蚌 FA21 | 僧 FA31 | 敏 FA41 | 祖 FA51 |
| 2 | 零 F9B2 | 蓼 F9C2 | 戮 F9D2 | 梨 F9E2 | 鱗 F9F2 | 拓 FA02 | 晴 FA12 | 諸 FA22 | 免 FA32 | 旣 FA42 | 祝 FA52 |
| 3 | 靈 F9B3 | 遼 F9C3 | 陸 F9D3 | 泥 F9E3 | 麟 F9F3 | 糖 FA03 | 梔 FA13 | 尅 FA23 | 勉 FA33 | 暑 FA43 | 禍 FA53 |
| 4 | 領 F9B4 | 龍 F9C4 | 倫 F9D4 | 理 F9E4 | 林 F9F4 | 宅 FA04 | 榉 FA14 | 返 FA24 | 勤 FA34 | 梅 FA44 | 禎 FA54 |
| 5 | 例 F9B5 | 暈 F9C5 | 崙 F9D5 | 痢 F9E5 | 淋 F9F5 | 洞 FA05 | 熙 FA15 | 逸 FA25 | 卑 FA35 | 概 FA45 | 穀 FA55 |
| 6 | 禮 F9B6 | 阮 F9C6 | 淪 F9D6 | 罹 F9E6 | 臨 F9F6 | 暴 FA06 | 猪 FA16 | 都 FA26 | 喝 FA36 | 海 FA46 | 突 FA56 |
| 7 | 醴 F9B7 | 劉 F9C7 | 輪 F9D7 | 裏 F9E7 | 立 F9F7 | 輻 FA07 | 益 FA17 | 銖 FA27 | 嘆 FA37 | 渚 FA47 | 節 FA57 |
| 8 | 隸 F9B8 | 杻 F9C8 | 律 F9D8 | 裡 F9E8 | 笠 F9F8 | 行 FA08 | 礼 FA18 | 銖 FA28 | 器 FA38 | 漢 FA48 | 練 FA58 |
| 9 | 惡 F9B9 | 柳 F9C9 | 慄 F9D9 | 里 F9E9 | 粒 F9F9 | 降 FA09 | 神 FA19 | 隄 FA29 | 塀 FA39 | 煮 FA49 | 縉 FA59 |
| A | 了 F9BA | 流 F9CA | 栗 F9DA | 離 F9EA | 狀 F9FA | 見 FA0A | 祥 FA1A | 飯 FA2A | 墨 FA3A | 𠂇 FA4A | 繁 FA5A |
| B | 僚 F9BB | 溜 F9CB | 率 F9DB | 匿 F9EB | 炙 F9FB | 廓 FA0B | 福 FA1B | 飼 FA2B | 層 FA3B | 琢 FA4B | 署 FA5B |
| C | 寮 F9BC | 琉 F9CC | 隆 F9DC | 溺 F9EC | 識 F9FC | 兀 FA0C | 靖 FA1C | 館 FA2C | 中 FA3C | 碑 FA4C | 者 FA5C |
| D | 尿 F9BD | 留 F9CD | 利 F9DD | 吝 F9ED | 什 F9FD | 設 FA0D | 精 FA1D | 鶴 FA2D | 悔 FA3D | 社 FA4D | 臭 FA5D |
| E | 料 F9BE | 硫 F9CE | 吏 F9DE | 燐 F9EE | 荼 F9FE | 雙 FA0E | 羽 FA1E | | 慨 FA3E | 社 FA4E | 𠂇 FA5E |
| F | 樂 F9BF | 紐 F9CF | 履 F9DF | 璘 F9EF | 刺 F9FF | 塔 FA0F | 藹 FA1F | | 憎 FA3F | 祈 FA4F | 𠂇 FA5F |

G = 00
P = 00

[illegible]

Row F9

Table 141 - Row FA: CJK Compatibility Ideographs

| | FA6 | FA7 | FA8 | FA9 | FAA | FAB | FAC | FAD | FAE | FAF |
|---|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | 著 FA60 | | | | | | | | | |
| 1 | 褐 FA61 | | | | | | | | | |
| 2 | 視 FA62 | | | | | | | | | |
| 3 | 謁 FA63 | | | | | | | | | |
| 4 | 謹 FA64 | | | | | | | | | |
| 5 | 賓 FA65 | | | | | | | | | |
| 6 | 贈 FA66 | | | | | | | | | |
| 7 | 乚 FA67 | | | | | | | | | |
| 8 | 逸 FA68 | | | | | | | | | |
| 9 | 難 FA69 | | | | | | | | | |
| A | 響 FA6A | | | | | | | | | |
| B | 頻 FA6B | | | | | | | | | |
| C | | | | | | | | | | |
| D | | | | | | | | | | |
| E | | | | | | | | | | |
| F | | | | | | | | | | |

G = 00
P = 00

Table 141 - Row FA: CJK Compatibility Ideographs

[illegible]

Row FA

Table 146 - Row FD: Arabic Presentation Forms-A

| | FD6 | FD7 | FD8 | FD9 | FDA | FDB | FDC | FDD | FDE | FDF |
|---|------|------|------|------|------|------|------|------|------|------|
| 0 | ص | ص | ص | | ص | ص | ـ | | | ص |
| | FD60 | FD70 | FD80 | | FDA0 | FDB0 | FDC0 | FDD0 | FDE0 | FDF0 |
| 1 | ق | ق | ق | | ق | ق | ف | | | ق |
| | FD61 | FD71 | FD81 | | FDA1 | FDB1 | FDC1 | FDD1 | FDE1 | FDF1 |
| 2 | ل | ل | ل | ل | ل | ل | ق | | | ل |
| | FD62 | FD72 | FD82 | FD92 | FDA2 | FDB2 | FDC2 | FDD2 | FDE2 | FDF2 |
| 3 | ك | ك | ك | ك | ك | ك | ك | | | ك |
| | FD63 | FD73 | FD83 | FD93 | FDA3 | FDB3 | FDC3 | FDD3 | FDE3 | FDF3 |
| 4 | ل | ل | ل | ل | ل | ل | ل | | | ل |
| | FD64 | FD74 | FD84 | FD94 | FDA4 | FDB4 | FDC4 | FDD4 | FDE4 | FDF4 |
| 5 | م | م | م | م | م | م | م | | | م |
| | FD65 | FD75 | FD85 | FD95 | FDA5 | FDB5 | FDC5 | FDD5 | FDE5 | FDF5 |
| 6 | ن | ن | ن | ن | ن | ن | ن | | | ن |
| | FD66 | FD76 | FD86 | FD96 | FDA6 | FDB6 | FDC6 | FDD6 | FDE6 | FDF6 |
| 7 | ه | ه | ه | ه | ه | ه | ه | | | ه |
| | FD67 | FD77 | FD87 | FD97 | FDA7 | FDB7 | FDC7 | FDD7 | FDE7 | FDF7 |
| 8 | و | و | و | و | و | و | | | | و |
| | FD68 | FD78 | FD88 | FD98 | FDA8 | FDB8 | | FDD8 | FDE8 | FDF8 |
| 9 | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD69 | FD79 | FD89 | FD99 | FDA9 | FDB9 | | FDD9 | FDE9 | FDF9 |
| A | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6A | FD7A | FD8A | FD9A | FDAA | FDBA | | FDDA | FDEA | FDFa |
| B | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6B | FD7B | FD8B | FD9B | FDAb | FDBb | | FDDb | FDEb | FDFB |
| C | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6C | FD7C | FD8C | FD9C | FDAc | FDBc | | FDDc | FDEc | |
| D | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6D | FD7D | FD8D | FD9D | FDAd | FDBd | | FDDd | FDEd | |
| E | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6E | FD7E | FD8E | FD9E | FDAe | FDBe | | FDDe | FDEe | |
| F | ص | ص | ص | ص | ص | ص | | | | ص |
| | FD6F | FD7F | FD8F | FD9F | FDAf | FDBf | | FDDf | FDEf | |

G = 00
P = 00

Table 146 - Row FD: Arabic Presentation Forms-A

| HEX | NAME | HEX | NAME |
|------|--|------|--|
| FD60 | ARABIC LIGATURE SEEN WITH MEEM WITH HAH INITIAL FORM | FDBD | ARABIC LIGATURE NOON WITH JEEM WITH HAH FINAL FORM |
| FD61 | ARABIC LIGATURE SEEN WITH MEEM WITH JEEM INITIAL FORM | FDBE | ARABIC LIGATURE JEEM WITH HAH WITH YEH FINAL FORM |
| FD62 | ARABIC LIGATURE SEEN WITH MEEM WITH MEEM FINAL FORM | FDBF | ARABIC LIGATURE HAH WITH JEEM WITH YEH FINAL FORM |
| FD63 | ARABIC LIGATURE SEEN WITH MEEM WITH MEEM INITIAL FORM | FDC0 | ARABIC LIGATURE MEEM WITH JEEM WITH YEH FINAL FORM |
| FD64 | ARABIC LIGATURE SAD WITH HAH WITH HAH FINAL FORM | FDC1 | ARABIC LIGATURE FEH WITH MEEM WITH YEH FINAL FORM |
| FD65 | ARABIC LIGATURE SAD WITH HAH WITH HAH INITIAL FORM | FDC2 | ARABIC LIGATURE BEH WITH HAH WITH YEH FINAL FORM |
| FD66 | ARABIC LIGATURE SAD WITH MEEM WITH MEEM FINAL FORM | FDC3 | ARABIC LIGATURE KAF WITH MEEM WITH MEEM INITIAL FORM |
| FD67 | ARABIC LIGATURE SHEEN WITH HAH WITH MEEM FINAL FORM | FDC4 | ARABIC LIGATURE AIN WITH JEEM WITH MEEM INITIAL FORM |
| FD68 | ARABIC LIGATURE SHEEN WITH HAH WITH MEEM INITIAL FORM | FDC5 | ARABIC LIGATURE SAD WITH MEEM WITH MEEM INITIAL FORM |
| FD69 | ARABIC LIGATURE SHEEN WITH JEEM WITH YEH FINAL FORM | FDC6 | ARABIC LIGATURE SEEN WITH KHAH WITH YEH FINAL FORM |
| FD6A | ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH FINAL FORM | FDC7 | ARABIC LIGATURE NOON WITH JEEM WITH YEH FINAL FORM |
| FD6B | ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH INITIAL FORM | FDC8 | (This position shall not be used) |
| FD6C | ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM FINAL FORM | FDC9 | (This position shall not be used) |
| FD6D | ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM INITIAL FORM | FDCA | (This position shall not be used) |
| FD6E | ARABIC LIGATURE DAD WITH HAH WITH ALEF MAKSURA FINAL FORM | FDCB | (This position shall not be used) |
| FD6F | ARABIC LIGATURE DAD WITH KHAH WITH MEEM FINAL FORM | FDCD | (This position shall not be used) |
| FD70 | ARABIC LIGATURE DAD WITH KHAH WITH MEEM INITIAL FORM | FDCD | (This position shall not be used) |
| FD71 | ARABIC LIGATURE TAH WITH MEEM WITH HAH FINAL FORM | FDCD | (This position shall not be used) |
| FD72 | ARABIC LIGATURE TAH WITH MEEM WITH HAH INITIAL FORM | FDCD | (This position shall not be used) |
| FD73 | ARABIC LIGATURE TAH WITH MEEM WITH MEEM INITIAL FORM | FDD0 | (This position is permanently reserved) |
| FD74 | ARABIC LIGATURE TAH WITH MEEM WITH YEH FINAL FORM | FDD1 | (This position is permanently reserved) |
| FD75 | ARABIC LIGATURE AIN WITH JEEM WITH MEEM FINAL FORM | FDD2 | (This position is permanently reserved) |
| FD76 | ARABIC LIGATURE AIN WITH MEEM WITH MEEM FINAL FORM | FDD3 | (This position is permanently reserved) |
| FD77 | ARABIC LIGATURE AIN WITH MEEM WITH MEEM INITIAL FORM | FDD4 | (This position is permanently reserved) |
| FD78 | ARABIC LIGATURE AIN WITH MEEM WITH ALEF MAKSURA FINAL FORM | FDD5 | (This position is permanently reserved) |
| FD79 | ARABIC LIGATURE GHAIN WITH MEEM WITH MEEM FINAL FORM | FDD6 | (This position is permanently reserved) |
| FD7A | ARABIC LIGATURE GHAIN WITH MEEM WITH YEH FINAL FORM | FDD7 | (This position is permanently reserved) |
| FD7B | ARABIC LIGATURE GHAIN WITH MEEM WITH ALEF MAKSURA FINAL FORM | FDD8 | (This position is permanently reserved) |
| FD7C | ARABIC LIGATURE FEH WITH KHAH WITH MEEM FINAL FORM | FDD9 | (This position is permanently reserved) |
| FD7D | ARABIC LIGATURE FEH WITH KHAH WITH MEEM INITIAL FORM | FDDA | (This position is permanently reserved) |
| FD7E | ARABIC LIGATURE QAF WITH MEEM WITH HAH FINAL FORM | FDDB | (This position is permanently reserved) |
| FD7F | ARABIC LIGATURE QAF WITH MEEM WITH MEEM FINAL FORM | FDDC | (This position is permanently reserved) |
| FD80 | ARABIC LIGATURE LAM WITH HAH WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FD81 | ARABIC LIGATURE LAM WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FD82 | ARABIC LIGATURE LAM WITH HAH WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FD83 | ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD84 | ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FD85 | ARABIC LIGATURE LAM WITH KHAH WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FD86 | ARABIC LIGATURE LAM WITH KHAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD87 | ARABIC LIGATURE LAM WITH MEEM WITH HAH FINAL FORM | FDDD | (This position is permanently reserved) |
| FD88 | ARABIC LIGATURE LAM WITH MEEM WITH HAH INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD89 | ARABIC LIGATURE MEEM WITH HAH WITH JEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD8A | ARABIC LIGATURE MEEM WITH HAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD8B | ARABIC LIGATURE MEEM WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FD8C | ARABIC LIGATURE MEEM WITH JEEM WITH HAH INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD8D | ARABIC LIGATURE MEEM WITH JEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD8E | ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD8F | ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD90 | (This position shall not be used) | FDDD | (This position is permanently reserved) |
| FD91 | (This position shall not be used) | FDDD | (This position is permanently reserved) |
| FD92 | ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD93 | ARABIC LIGATURE HEH WITH MEEM WITH JEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD94 | ARABIC LIGATURE HEH WITH MEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD95 | ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD96 | ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FD97 | ARABIC LIGATURE NOON WITH JEEM WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FD98 | ARABIC LIGATURE NOON WITH JEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD99 | ARABIC LIGATURE NOON WITH JEEM WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FD9A | ARABIC LIGATURE NOON WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FD9B | ARABIC LIGATURE NOON WITH MEEM WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FD9C | ARABIC LIGATURE YEH WITH MEEM WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FD9D | ARABIC LIGATURE YEH WITH MEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FD9E | ARABIC LIGATURE BEH WITH KHAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FD9F | ARABIC LIGATURE TEH WITH JEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA0 | ARABIC LIGATURE TEH WITH JEEM WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA1 | ARABIC LIGATURE TEH WITH KHAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA2 | ARABIC LIGATURE TEH WITH KHAH WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA3 | ARABIC LIGATURE TEH WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA4 | ARABIC LIGATURE TEH WITH MEEM WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA5 | ARABIC LIGATURE JEEM WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA6 | ARABIC LIGATURE JEEM WITH HAH WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA7 | ARABIC LIGATURE JEEM WITH MEEM WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA8 | ARABIC LIGATURE SEEN WITH KHAH WITH ALEF MAKSURA FINAL FORM | FDDD | (This position is permanently reserved) |
| FDA9 | ARABIC LIGATURE SAD WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDAA | ARABIC LIGATURE SHEEN WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDAB | ARABIC LIGATURE DAD WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDAC | ARABIC LIGATURE LAM WITH JEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDAE | ARABIC LIGATURE LAM WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDAF | ARABIC LIGATURE YEH WITH JEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB0 | ARABIC LIGATURE YEH WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB1 | ARABIC LIGATURE MEEM WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB2 | ARABIC LIGATURE QAF WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB3 | ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB4 | ARABIC LIGATURE QAF WITH MEEM WITH HAH INITIAL FORM | FDDD | (This position is permanently reserved) |
| FDB5 | ARABIC LIGATURE LAM WITH HAH WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FDB6 | ARABIC LIGATURE AIN WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB7 | ARABIC LIGATURE KAF WITH MEEM WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDB8 | ARABIC LIGATURE NOON WITH JEEM WITH HAH INITIAL FORM | FDDD | (This position is permanently reserved) |
| FDB9 | ARABIC LIGATURE MEEM WITH KHAH WITH YEH FINAL FORM | FDDD | (This position is permanently reserved) |
| FDBA | ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM | FDDD | (This position is permanently reserved) |
| FDBB | ARABIC LIGATURE KAF WITH MEEM WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |
| FDBC | ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM | FDDD | (This position is permanently reserved) |

Group 00

Plane 00

Row FD

Table 147 - Row FE: Variation Selectors

| FE0 | |
|-----|-------------------------------------|
| 0 | <div>VS1</div> <div>FE00</div> |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | <div>G = 00</div> <div>P = 00</div> |
| 8 | |
| 9 | |
| A | |
| B | |
| C | |
| D | |
| E | |
| F | |

Table 147 - Row FE: Variation Selectors

































| HEX | NAME | HEX | NAME |
|------|-----------------------------------|-----|------|
| FE00 | VARIATION SELECTOR-1 | | |
| FE01 | (This position shall not be used) | | |
| FE02 | (This position shall not be used) | | |
| FE03 | (This position shall not be used) | | |
| FE04 | (This position shall not be used) | | |
| FE05 | (This position shall not be used) | | |
| FE06 | (This position shall not be used) | | |
| FE07 | (This position shall not be used) | | |
| FE08 | (This position shall not be used) | | |
| FE09 | (This position shall not be used) | | |
| FE0A | (This position shall not be used) | | |
| FE0B | (This position shall not be used) | | |
| FE0C | (This position shall not be used) | | |
| FE0D | (This position shall not be used) | | |
| FE0E | (This position shall not be used) | | |
| FE0F | (This position shall not be used) | | |

Group 00

Plane 00

Row FE

Table 149 - Row FE: CJK Compatibility Forms

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

G = 00
P = 00

Table 149 - Row FE: CJK Compatibility Forms

| HEX | NAME | HEX | NAME |
|------|---|-----|------|
| FE30 | PRESENTATION FORM FOR VERTICAL TWO DOT LEADER | | |
| FE31 | PRESENTATION FORM FOR VERTICAL EM DASH | | |
| FE32 | PRESENTATION FORM FOR VERTICAL EN DASH | | |
| FE33 | PRESENTATION FORM FOR VERTICAL LOW LINE | | |
| FE34 | PRESENTATION FORM FOR VERTICAL WAVY LOW LINE | | |
| FE35 | PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS | | |
| FE36 | PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS | | |
| FE37 | PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET | | |
| FE38 | PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET | | |
| FE39 | PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET | | |
| FE3A | PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET | | |
| FE3B | PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET | | |
| FE3C | PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET | | |
| FE3D | PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET | | |
| FE3E | PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET | | |
| FE3F | PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET | | |
| FE40 | PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET | | |
| FE41 | PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET | | |
| FE42 | PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET | | |
| FE43 | PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET | | |
| FE44 | PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET | | |
| FE45 | SESAME DOT | | |
| FE46 | WHITE SESAME DOT | | |
| FE47 | (This position shall not be used) | | |
| FE48 | (This position shall not be used) | | |
| FE49 | DASHED OVERLINE | | |
| FE4A | CENTRELINE OVERLINE | | |
| FE4B | WAVY OVERLINE | | |
| FE4C | DOUBLE WAVY OVERLINE | | |
| FE4D | DASHED LOW LINE | | |
| FE4E | CENTRELINE LOW LINE | | |
| FE4F | WAVY LOW LINE | | |

Group 00

Plane 00

Row FE