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Universal Multiple Octet Coded Character Set
International Organization for Standardization
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Международная организация по стандартизации

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Note to reviewers: In the character code tables, both new and existing characters are printed. The new characters are shown in a light yellow background, which, on some printers, may show as light gray background. The existing characters that have been corrected since the last edition are also shown in the same light yellow background. This highlight 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.

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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:

0220, 034F, 0363-036F, 03D8-03D9, 03F4-03F6, 048A-048B, 04C5-04C6, 04C9-04CA, 04CD-04CE, 066E-066F, 07B1, 10F7-10F8, 2047, 204E-2052, 2057, 205F-2063, 2071, 20B0-20B1, 20E4-20EA, 213D-214B, 21F4-21FF, 22F2-22FF, 237C, 239B-23CE, 24EB-24FE, 2596-259F, 25F8-25FF, 2616-2617, 2672-267D, 2768-2775, 303B-303D, 3095-3096, 309F, 30A0, 30FF, 3251-325F, 32B1-32BF, A4A2-A4A3, A4B4, A4C1, A4C5, FA30-FA5F, FE45-FE46, FE73]

2. New tables.

After page 279

Insert the following additional tables and adjust the numbering of the existing tables that follow. When correctly applied, all tables will be arranged by ascending code position.

Table 13 - Row 05: Cyrillic Supplement
 Table 48 - Row 17: Tagalog
 Table 49 - Row 17: Hanunoo
 Table 50 - Row 17: Buhid
 Table 51 - Row 17: Tagbanwa
 Table 76 - Row 26: Miscellaneous Symbols
 Table 79 - Row 27: Miscellaneous Mathematical Symbols-A
 Table 80 - Row 27: Supplemental Arrows-A
 Table 83 - Row 29: Supplemental Arrows-B
 Table 84 - Row 29: Miscellaneous Mathematical Symbols-B

Table 85 - Row 2A: Supplemental Mathematical Operators

Table 86 - Row 2A: Supplemental Mathematical Operators

Table 98 - Row 31: Katakana Phonetic Extensions

Table 145 - Row FA: CJK Compatibility Ideographs

Table 151 - Row FE: Variation Selectors

[EDITOR'S NOTE 1 – These new tables add the following ranges of code positions.

0500-050F, 1700-170C, 170E-1714, 1720-1736, 1740-1753, 1760-176C, 176E-1770, 1772-1773, 2680-2689, 27D0-27E5, 27F0-27FF, 2900-297F, 2980-29FF, 2A00-2AFF, 31F0-31FF, FA60-FA6B, FE00]

[EDITOR'S NOTE 2 – The relative position of a character code table is uniquely determined by the relative position of the character code positions contained within it. All table numbers therefore change with addition of new characters and should not be used for reference.]

[EDITOR'S NOTE 3 - Characters at code positions not enumerated above and not highlighted in the character code charts are shown for convenience of the reviewer and are not subject to balloting at this time.]

Item 2. Reference to Part 2

Page v, Foreword

Replace:

— *Part 2: Secondary Multilingual Plane for scripts and symbols, Supplementary Plane for CJK Ideographs, Special Purpose Plane*

by:

— *Part 2: Supplementary Planes*

Remove the text "Additional parts will specify other planes".

Page 2, clause 3

Append the following reference:

ISO/IEC 10646-2:2001, Information Technology – Universal Multiple-Octet Coded Character Set (UCS) – Part 2: Supplementary 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

Replace clause 9 to read as follows:

9. Other planes

9.1 Planes reserved for future standardization

Planes 11 to FF in Group 00 and all planes in all other groups (i.e. Planes 00 to FF in Groups 01 to 7F) 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 be allocated to code positions in Planes 11 to FF in Group 00 and all planes in all other groups.

9.2 Planes accessible by UTF-16

Each code position in Planes 01 to 10 of Group 00 has a unique mapping to a four-octet sequence in accordance with the UTF-16 form of coded representation (see annex C). This form is compatible with the two-octet BMP form of UCS-2 (see 13.1).

Page 8, clause 10

Replace sub-clause 10.2 to read as follows:

10.2 Code positions for private use characters

The code positions of Plane 0F and Plane 10 of Group 00 shall be for private use.

The 6400 code positions E000 to F8FF of the Basic Multilingual Plane shall be for private use.

The contents of these code positions are not specified in ISO/IEC 10646 (see 10.1).

Page 881, annex A

Under collection 400, change “PRIVATE USE PLANES G=00, P=0F, 10, & E0-FF” to “(This collection number shall not be used, see Note 2.)”.

Add the following collection after 400:

401 PRIVATE USE PLANES-0F-10

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

Replace the Note 2 as follows:

NOTE 2 – Collections numbered 57, 58, and 59 were specified in the First Edition of this International Standard but have now been deleted. Collections numbered 400 and 500 were specified in the First and Second Editions of this Standard but have now been deleted.

In the alphabetical list of collection names, under “Private use”, remove ‘400 500’ and add 401.

Item 4. Modification to short identifier

Page 7, clause 6

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

In clause 6.5, replace title, first paragraph and add note as follows:

6.5 Short identifiers for code positions (UIDs)

ISO/IEC 10646 defines short identifiers for each code position, including code positions that are reserved. A short identifier for any code position is distinct from a short identifier for any other code position. If a character is allocated at a code position, a short identifier for that code position can be used to refer to the character allocated at that code position.

NOTE 1 -- For instance, U+DC00 identifies a code position that is permanently reserved for UTF-16, and U+FFFF identifies a code position that is permanently reserved. U+0025 identifies a code position to which a character is allocated; U+0025 also identifies that character (named PERCENT SIGN).

Rename the existing note to NOTE 2, and increment all other note numbers of the sub-clause by 1 (NOTE 3 and 4).

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 0010FFFF” and append at the end of the text “Leading zeros beyond four digits are suppressed.”.

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

Add a clause 6.5f:

- f. For the 8 digit forms, the character SPACE may optionally be inserted before the four last digits.

Item 5. UCS Sequence Identifiers

Page 8, clause 6

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

“ISO/IEC 10646 defines an identifier for any sequence of code positions taken from the standard. Such an identifier is known as a UCS Sequence Identifier (USI). For a sequence of n code positions it has the following form:

<UID1, UID2, ... UIDn>

where UID1, UID2, etc. represent the short identifiers of the corresponding code positions, in the same order as those code positions appear in the sequence. If each of the code positions in such a sequence has a character allocated to it, the USI can be used to identify the sequence of characters allocated at those code positions. The syntax for UID1, UID2, 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.”

NOTE – UCS Sequences Identifiers cannot be used for specification of subset and collection content. They may be used outside this standard to identify: composite sequences for mapping purposes, font repertoire, etc.

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, 0000FFFE, and 0000 FFFF are permanently reserved.

NOTE 1 - 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 UCS-2 or UTF-16.”

NOTE 2 - A “permanently reserved” code position cannot be changed by future amendments.

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

Replace Table 136 – Row FD with new table (see Item 15).

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 (see annex F).

NOTE - Unassigned code positions in those ranges may be ignored in normal processing and display.

Annex F Alternate format characters

In clause F.1.1 (Zero-width boundary indicators) replace the first paragraph by the following text:

The following characters are used to indicate whether or not the adjacent characters are separated by a word or hyphenation boundary. Each of these zero-width boundary indicators has no width in its usual own presentation.

SOFT HYPHEN (00AD): SOFT HYPHEN (SHY) is a graphic character, the visual representation of which is identical to that of HYPHEN, for use when an allowable automatic hyphenation line-break after it is to be indicated. Unless the SOFT HYPHEN occurs at the very end of a rendered line, the SOFT HYPHEN normally has zero width and no visible representation, and may also suppress the rendering of the following character.

NOTE - For example, for Swedish, “biljett<SHY>tång should be rendered as “biljettång” when there is no line-break after the SHY.

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.

<u>Rows</u>	<u>Positions (cells)</u>
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.

<u>Rows</u>	<u>Positions (cells)</u>
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

A.4.3 283 MES-3A

283 MES-3A consists of collections from A.1 above and of one range of code positions. The collection list follows:

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
65	COMBINING HALF MARKS
70	SPECIALS
92	CYRILLIC SUPPLEMENT

The following range of code positions within the indicated row value is also part of the MES-3A collection.

<u>Row</u>	<u>Positions (cells)</u>
FB	00-1C

A.4.4 284 MES-3B

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

<u>Rows</u>	<u>Positions (cells)</u>
-------------	--------------------------

00	20-7E A0-FF	10000-1FFFFD
01	00-FF	20000-2FFFFD
02	00-1F 22-33 50-AD B0-EE	30000-3FFFFD
03	00-4E 60-6F 74-75 7A 7E 84-8A 8C 8E-A1 A3-CE D0-F6	40000-4FFFFD
04	00-86 88-CE D0-F5 F8-F9	50000-5FFFFD
05	00-0F 31-56 59-5F 61-87 89-8A	60000-6FFFFD
10	D0-F6 FB	70000-7FFFFD
1E	00-9B A0-F9	80000-8FFFFD
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	90000-9FFFFD
20	00-51 57 5F-62 6A-71 74-8E A0-B1 D0-E8	A0000-AFFFFD
21	00-3A 3D-4B 53-83 90-F3 F5-FF	B0000-BFFFFD
22	00-FF	C0000-CFFFFD
23	00-CE	D0000-DFFFFD
24	40-4A	E0000-EFFFFD
25	00-95 A0-F7	F0000-FFFFFD
26	00-13 16-17 19-7D	100000-10FFFFD
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.

380 CJK UNIFIED IDEOGRAPHS-2001 *	
	3400-4DB5
	4E00-9FA5
	FA0E-FA0F
	FA11
	FA13-FA14
	FA1F
	FA21
	FA23-FA24
	FA27-FA29
	20000-2A6D6
381 CJK COMPATIBILITY IDEOGRAPHS-2001*	
	F900-FA0D
	FA10
	FA12
	FA15-FA1E
	FA20
	FA22
	FA25-FA26
	FA2A-FA6B
	2F800-2FA1D
10646 UNICODE	0000-FDCF
	FDF0-FFFFD

NOTE - The UNICODE collection incorporates all characters currently encoded in the standard.

Page 880, Annex A.1

Add a “” (for fixed collection) to the following collection:*

38 ARROWS
39 MATHEMATICAL OPERATORS,
45 BLOCK ELEMENTS,
46 GEOMETRIC SHAPES,
49 CJK SYMBOLS AND PUNCTUATION
51 KATAKANA

In the list of collection numbers and names, after

91 TIBETAN

insert new entries as follows:

92 CYRILLIC SUPPLEMENT	0500-052F
93 TAGALOG	1700-171F
94 HANUNOO	1720-173F
95 BUHID	1740-175F
96 TAGBANWA	1760-177F
97 MISCELLANEOUS MATHEMATICAL SYMBOLS-A	27C0-27EF
98 SUPPLEMENTAL ARROWS-A	27F0-27FF *
99 SUPPLEMENTAL ARROWS-B	2900-297F *
100 MISCELLANEOUS MATHEMATICAL SYMBOLS-B	2980-29FF *
101 SUPPLEMENTAL MATHEMATICAL OPERATORS	2A00-2AFF *
102 KATAKANA PHONETIC EXTENSIONS	31F0-31FF *
103 VARIATION SELECTORS	FE00-FE0F

Page 881, annex A.1

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

In the alphabetical list of keywords, add collections “98” and “99” to the entry “Arrows”;

Add collection “92” to the entry “Cyrillic”;

Add collection “102” to the entry “Katakana”;

Add collection "101" to the entry "Mathematical operators";

Add collections "97" and "100" 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 97 and 100

After
Syriac

insert
Tagalog 93
Tagbanwa 96

After
Tibetan

insert
Variation selectors 103

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
DINGBATS

insert new entries as follows:
MISCELLANEOUS MATHEMATICAL
SYMBOLS-A 27C0-27EF
SUPPLEMENTAL ARROWS-A 27F0-27FF

In the list of blocks in the BMP, after
BRAILLE PATTERNS

insert new entries as follows:
SUPPLEMENTAL ARROWS-B 2900-297F
MISCELLANEOUS MATHEMATICAL
SYMBOLS-B 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, Japanese Standards Association.
7-bit and 8-bit double byte coded extended KANJI
sets for information interchange, 2000-1-20.

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 LETTERKOPPA, 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 LETTERKOPPA, 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.

2985 LEFT WHITE PARENTHESIS

This character has a common glyph variation that looks like a double left parenthesis

2986 RIGHT WHITE PARENTHESIS

This character has a common glyph variation that looks like a double right parenthesis

Item 14. Compatibility Ideographs and source separation rule

Page 13, Clause 22 Compatibility characters

Add the following sub-clauses:

22.1 Compatibility Ideographs

The CJK compatibility ideographs (characters part of the CJK COMPATIBILITY IDEOGRAPHS-2001 collection) are ideographs that should have been unified with one of the CJK unified ideographs (characters part of the CJK UNIFIED IDEOGRAPHS-2001 collection), per the unification rule described in Annex S of this International Standard.

However, they are included in this International Standard as separate characters, because, based on various national, cultural, historical reason for some specific country and region, some national and regional standards assign separate code position for them.

NOTE - For this reason, compatibility ideographs should only be used for only maintaining and guaranteeing a round trip conversion with the specific national, regional, or other standard. Other usage is strongly discouraged.

22.2 Source references for CJK Compatibility Ideographs

ISO/IEC 10646-1 provides the source reference for CJK Compatibility Ideographs included in the Basic Multilingual Plane. ISO/IEC 10646-2 provides the source reference for CJK Compatibility Ideographs included in the Supplementary Planes.

The source references for the CJK Compatibility Ideographs included in the BMP are provided in a machine-readable format that is accessible as a link to this document. The content pointed to by this link is also normative.

NOTE – The referenced file is only available to users who obtain their copy of the standard in a machine-readable form. However, the file format makes it printable.

The Kanji J sources are:

J3 JIS X 213:2000 level-3
J4 JIS X 213:2000 level-4

The Hanja K source is:

K0 KS C 5601-1987

The Unicode U source is:

U0 The Unicode Standard 3.0-2000

The content linked to is a plain text file that specifies, after a 8-line header, as many lines as CJK Compatibility Ideographs; each containing the following information organized in fixed width fields:

- 01-06 octet: BMP code value (0hhhh)
- 07-12 octet: Corresponding CJK Unified Ideograph (0hhhh).
- 13-20 octet: Kanji J sources (J3-hhhh), (J4-hhhh).
- 21-28 octet: Hanja K sources (K0-hhhh).
- 29-36 octet: Unicode U sources (U0-hhhh)

The format definition uses 'h' as a hexadecimal unit. Uppercase characters and all other symbols including the space character between parentheses appear as shown.

[Click on this highlighted text to access the reference file.](#)

NOTE – The content is also available as a separate viewable file in the same file directory as this document. The file is named: "CJKC0SR.txt".

Annex S**Page 985**

Replace all occurrences of 'Source code' by 'Source'.

Replace the end of the first note

- CJK COMPATIBILITY IDEOGRAPHS (F900 - FAFF with the exception of FA1F and FA23).

by

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

Page 987, clause S.1.6

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

The source separation rule described in this clause only applies to the CJK UNIFIED IDEOGRAPHS block specified in the Basic Multilingual Plane.

NOTE – CJK Compatibility Ideographs are created following a rule very similar to the source separation rule. However, the end result is the combination of a single CJK Unified Ideograph and one or several CJK Compatibility Ideographs. When the source separation rule is applied, all 'similar' source CJK Ideographs result in separate CJK Unified Ideographs.

Item 15. Code tables and name lists

The following table numbering is the result of the insertion of the new tables in the existing chart tables. In Part 1 the code tables start at Table 2 - Row 00: Basic Latin. The insertion results in new numbers for the existing tables beyond the insertion points. The tables for which the only change is the table number are not shown here.

The same light yellow background, which is used for new characters, is used for characters that have been corrected. Those characters are:

066B-066C, 125C, 17DB, 2114, 2216, 224C, 2380-238C and 25AA-25AB

[EDITOR'S NOTE – The charts have the following editorial errors which will be corrected before the next publication:

- *There is a page number gap between page 27 and 30.*
- *The character representation of FEFF is not highlighted (although it has been corrected)*
- *Two set of pages are numbered 108 and 109; the second set should be numbered 110 and 111.*
- *The table 157 - Row FF: Specials should read 158 (instead of 157).]*

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Table 6 - Rows 01-02: Latin Extended-B

	01F	020	021	022	023	024
0	ǰ 01F0	À 0200	Ř 0210	ŋ 0220	Ō 0230	
1	DZ 01F1	à 0201	ř 0211		ō 0231	
2	Dz 01F2	Â 0202	Ř 0212	8 0222	Ȳ 0232	
3	dz 01F3	â 0203	ŕ 0213	8 0223	ȳ 0233	
4	Ć 01F4	È 0204	Ù 0214	Ź 0224		
5	ć 01F5	è 0205	ù 0215	z 0225		
6	H 01F6	Ê 0206	Û 0216	À 0226		
7	Ť 01F7	ê 0207	û 0217	à 0227		
8	Ň 01F8	Ĭ 0208	Ş 0218	Ę 0228		
9	ň 01F9	ĭ 0209	ş 0219	ę 0229		
A	Á 01FA	Î 020A	Ţ 021A	Ö 022A		
B	á 01FB	î 020B	ţ 021B	ö 022B		
C	Æ 01FC	Ò 020C	Ʒ 021C	Ȫ 022C		
D	æ 01FD	ò 020D	Ʒ 021D	ȫ 022D		
E	Ø 01FE	Ô 020E	Ĥ 021E	Ò 022E		
F	ø 01FF	ô 020F	ĥ 021F	ò 022F		

G = 00
P = 00

Table 6 - Rows 01-02: Latin Extended-B

HEX	NAME	HEX	NAME
01F0	LATIN SMALL LETTER J WITH CARON	024D	(This position shall not be used)
01F1	LATIN CAPITAL LETTER DZ	024E	(This position shall not be used)
01F2	LATIN CAPITAL LETTER D WITH SMALL LETTER Z	024F	(This position shall not be used)
01F3	LATIN SMALL LETTER DZ		
01F4	LATIN CAPITAL LETTER G WITH ACUTE		
01F5	LATIN SMALL LETTER G WITH ACUTE		
01F6	LATIN CAPITAL LETTER HWAIR		
01F7	LATIN CAPITAL LETTER WYNN		
01F8	LATIN CAPITAL LETTER N WITH GRAVE		
01F9	LATIN SMALL LETTER N WITH GRAVE		
01FA	LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE		
01FB	LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE		
01FC	LATIN CAPITAL LETTER AE WITH ACUTE (ash) *		
01FD	LATIN SMALL LETTER AE WITH ACUTE (ash) *		
01FE	LATIN CAPITAL LETTER O WITH STROKE AND ACUTE		
01FF	LATIN SMALL LETTER O WITH STROKE AND ACUTE		
0200	LATIN CAPITAL LETTER A WITH DOUBLE GRAVE		
0201	LATIN SMALL LETTER A WITH DOUBLE GRAVE		
0202	LATIN CAPITAL LETTER A WITH INVERTED BREVE		
0203	LATIN SMALL LETTER A WITH INVERTED BREVE		
0204	LATIN CAPITAL LETTER E WITH DOUBLE GRAVE		
0205	LATIN SMALL LETTER E WITH DOUBLE GRAVE		
0206	LATIN CAPITAL LETTER E WITH INVERTED BREVE		
0207	LATIN SMALL LETTER E WITH INVERTED BREVE		
0208	LATIN CAPITAL LETTER I WITH DOUBLE GRAVE		
0209	LATIN SMALL LETTER I WITH DOUBLE GRAVE		
020A	LATIN CAPITAL LETTER I WITH INVERTED BREVE		
020B	LATIN SMALL LETTER I WITH INVERTED BREVE		
020C	LATIN CAPITAL LETTER O WITH DOUBLE GRAVE		
020D	LATIN SMALL LETTER O WITH DOUBLE GRAVE		
020E	LATIN CAPITAL LETTER O WITH INVERTED BREVE		
020F	LATIN SMALL LETTER O WITH INVERTED BREVE		
0210	LATIN CAPITAL LETTER R WITH DOUBLE GRAVE		
0211	LATIN SMALL LETTER R WITH DOUBLE GRAVE		
0212	LATIN CAPITAL LETTER R WITH INVERTED BREVE		
0213	LATIN SMALL LETTER R WITH INVERTED BREVE		
0214	LATIN CAPITAL LETTER U WITH DOUBLE GRAVE		
0215	LATIN SMALL LETTER U WITH DOUBLE GRAVE		
0216	LATIN CAPITAL LETTER U WITH INVERTED BREVE		
0217	LATIN SMALL LETTER U WITH INVERTED BREVE		
0218	LATIN CAPITAL LETTER S WITH COMMA BELOW *		
0219	LATIN SMALL LETTER S WITH COMMA BELOW *		
021A	LATIN CAPITAL LETTER T WITH COMMA BELOW *		
021B	LATIN SMALL LETTER T WITH COMMA BELOW *		
021C	LATIN CAPITAL LETTER YOGH		
021D	LATIN SMALL LETTER YOGH		
021E	LATIN CAPITAL LETTER H WITH CARON		
021F	LATIN SMALL LETTER H WITH CARON		
0220	LATIN CAPITAL LETTER N WITH LONG RIGHT LEG		
0221	(This position shall not be used)		
0222	LATIN CAPITAL LETTER OU		
0223	LATIN SMALL LETTER OU		
0224	LATIN CAPITAL LETTER Z WITH HOOK		
0225	LATIN SMALL LETTER Z WITH HOOK		
0226	LATIN CAPITAL LETTER A WITH DOT ABOVE		
0227	LATIN SMALL LETTER A WITH DOT ABOVE		
0228	LATIN CAPITAL LETTER E WITH CEDILLA		
0229	LATIN SMALL LETTER E WITH CEDILLA		
022A	LATIN CAPITAL LETTER O WITH DIAERESIS AND MACRON		
022B	LATIN SMALL LETTER O WITH DIAERESIS AND MACRON		
022C	LATIN CAPITAL LETTER O WITH TILDE AND MACRON		
022D	LATIN SMALL LETTER O WITH TILDE AND MACRON		
022E	LATIN CAPITAL LETTER O WITH DOT ABOVE		
022F	LATIN SMALL LETTER O WITH DOT ABOVE		
0230	LATIN CAPITAL LETTER O WITH DOT ABOVE AND MACRON		
0231	LATIN SMALL LETTER O WITH DOT ABOVE AND MACRON		
0232	LATIN CAPITAL LETTER Y WITH MACRON		
0233	LATIN SMALL LETTER Y WITH MACRON		
0234	(This position shall not be used)		
0235	(This position shall not be used)		
0236	(This position shall not be used)		
0237	(This position shall not be used)		
0238	(This position shall not be used)		
0239	(This position shall not be used)		
023A	(This position shall not be used)		
023B	(This position shall not be used)		
023C	(This position shall not be used)		
023D	(This position shall not be used)		
023E	(This position shall not be used)		
023F	(This position shall not be used)		
0240	(This position shall not be used)		
0241	(This position shall not be used)		
0242	(This position shall not be used)		
0243	(This position shall not be used)		
0244	(This position shall not be used)		
0245	(This position shall not be used)		
0246	(This position shall not be used)		
0247	(This position shall not be used)		
0248	(This position shall not be used)		
0249	(This position shall not be used)		
024A	(This position shall not be used)		
024B	(This position shall not be used)		
024C	(This position shall not be used)		

Group 00

Plane 00

Row 01

Table 9 - 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	 034F		 036F

G = 00
P = 00

Table 9 - 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, Tonos)	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	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	COMBINING GRAPHEME JOINER		
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 10 - 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	ϙ 03F1
2			Β 0392		β 03B2	ς 03C2	Υ 03D2	ϣ 03E2	ϙ 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 10 - 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 12 - 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	Ҥ 0484	Ҧ 0494	ҧ 04A4	Ҩ 04B4	ҩ 04C4	Ҭ 04D4	Ү 04E4	Ұ 04F4
5	Ҫ 0485	Ҭ 0495	ҭ 04A5	Ү 04B5	Ұ 04C5	Ҹ 04D5	Һ 04E5	Ҽ 04F5
6	ҫ 0486	ҭ 0496	ҭ 04A6	Ү 04B6	Ұ 04C6	Ҹ 04D6	Һ 04E6	
7		ҭ 0497	ҭ 04A7	Ү 04B7	Ұ 04C7	Ҹ 04D7	Һ 04E7	
8	Ү 0488	Ҹ 0498	Ҹ 04A8	Ҹ 04B8	Ҹ 04C8	Ҹ 04D8	Ҹ 04E8	Ҹ 04F8
9	Ү 0489	Ҹ 0499	Ҹ 04A9	Ҹ 04B9	Ҹ 04C9	Ҹ 04D9	Ҹ 04E9	Ҹ 04F9
A	Ү 048A	Ҹ 049A	Ҹ 04AA	Ҹ 04BA	Ҹ 04CA	Ҹ 04DA	Ҹ 04EA	
B	Ү 048B	Ҹ 049B	Ҹ 04AB	Ҹ 04BB	Ҹ 04CB	Ҹ 04DB	Ҹ 04EB	
C	Ү 048C	Ҹ 049C	Ҹ 04AC	Ҹ 04BC	Ҹ 04CC	Ҹ 04DC	Ҹ 04EC	
D	Ү 048D	Ҹ 049D	Ҹ 04AD	Ҹ 04BD	Ҹ 04CD	Ҹ 04DD	Ҹ 04ED	
E	Ү 048E	Ҹ 049E	Ҹ 04AE	Ҹ 04BE	Ҹ 04CE	Ҹ 04DE	Ҹ 04EE	
F	Ү 048F	Ҹ 049F	Ҹ 04AF	Ҹ 04BF		Ҹ 04DF	Ҹ 04EF	

G = 00
P = 00

Table 12 - 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 13 - 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 13 - 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 16 - Row 06: Arabic

	060	061	062	063	064	065	066	067
0				ذ 0630	ـ 0640	◌ْ 0650	◌ُ 0660	◌ِ 0670
1			ء 0621	ر 0631	ف 0641	◌َ 0651	ا 0661	آ 0671
2			آ 0622	ز 0632	ق 0642	◌ُ 0652	٢ 0662	أ 0672
3			أ 0623	س 0633	ك 0643	◌ِ 0653	٣ 0663	إ 0673
4			ؤ 0624	ش 0634	ل 0644	◌ِ 0654	٤ 0664	ء 0674
5			إ 0625	ص 0635	م 0645	◌ِ 0655	٥ 0665	أ 0675
6			ئ 0626	ض 0636	ن 0646		٦ 0666	ؤ 0676
7			ا 0627	ط 0637	ه 0647		٧ 0667	ؤ 0677
8			ب 0628	ظ 0638	و 0648		٨ 0668	ئ 0678
9			ة 0629	ع 0639	ي 0649		٩ 0669	ط 0679
A			ت 062A	غ 063A	ي 064A		% 066A	ث 067A
B		؛ 061B	ث 062B		◌َ 064B		ر 066B	ب 067B
C	، 060C		ج 062C		◌ِ 064C		، 066C	پ 067C
D			ح 062D		◌ِ 064D		★ 066D	ت 067D
E			خ 062E		◌ِ 064E		ب 066E	پ 067E
F		؟ 061F	د 062F		◌ِ 064F		و 066F	ث 067F

G = 00
P = 00

Table 16 - Row 06: Arabic

HEX	NAME	HEX	NAME
0600	(This position shall not be used)	065D	(This position shall not be used)
0601	(This position shall not be used)	065E	(This position shall not be used)
0602	(This position shall not be used)	065F	(This position shall not be used)
0603	(This position shall not be used)	0660	ARABIC-INDIC DIGIT ZERO
0604	(This position shall not be used)	0661	ARABIC-INDIC DIGIT ONE
0605	(This position shall not be used)	0662	ARABIC-INDIC DIGIT TWO
0606	(This position shall not be used)	0663	ARABIC-INDIC DIGIT THREE
0607	(This position shall not be used)	0664	ARABIC-INDIC DIGIT FOUR
0608	(This position shall not be used)	0665	ARABIC-INDIC DIGIT FIVE
0609	(This position shall not be used)	0666	ARABIC-INDIC DIGIT SIX
060A	(This position shall not be used)	0667	ARABIC-INDIC DIGIT SEVEN
060B	(This position shall not be used)	0668	ARABIC-INDIC DIGIT EIGHT
060C	ARABIC COMMA	0669	ARABIC-INDIC DIGIT NINE
060D	(This position shall not be used)	066A	ARABIC PERCENT SIGN
060E	(This position shall not be used)	066B	ARABIC DECIMAL SEPARATOR
060F	(This position shall not be used)	066C	ARABIC THOUSANDS SEPARATOR
0610	(This position shall not be used)	066D	ARABIC FIVE POINTED STAR
0611	(This position shall not be used)	066E	ARABIC LETTER DOTLESS BEH
0612	(This position shall not be used)	066F	ARABIC LETTER DOTLESS QAF
0613	(This position shall not be used)	0670	ARABIC LETTER SUPERScript ALEF
0614	(This position shall not be used)	0671	ARABIC LETTER ALEF WASLA
0615	(This position shall not be used)	0672	ARABIC LETTER ALEF WITH WAVY HAMZA ABOVE
0616	(This position shall not be used)	0673	ARABIC LETTER ALEF WITH WAVY HAMZA BELOW
0617	(This position shall not be used)	0674	ARABIC LETTER HIGH HAMZA
0618	(This position shall not be used)	0675	ARABIC LETTER HIGH HAMZA ALEF
0619	(This position shall not be used)	0676	ARABIC LETTER HIGH HAMZA WAW
061A	(This position shall not be used)	0677	ARABIC LETTER U WITH HAMZA ABOVE
061B	ARABIC SEMICOLON	0678	ARABIC LETTER HIGH HAMZA YEH
061C	(This position shall not be used)	0679	ARABIC LETTER TTEH
061D	(This position shall not be used)	067A	ARABIC LETTER TTEHEH
061E	(This position shall not be used)	067B	ARABIC LETTER BEEH
061F	ARABIC QUESTION MARK	067C	ARABIC LETTER TEH WITH RING
0620	(This position shall not be used)	067D	ARABIC LETTER TEH WITH THREE DOTS ABOVE DOWNWARDS
0621	ARABIC LETTER HAMZA	067E	ARABIC LETTER PEH
0622	ARABIC LETTER ALEF WITH MADD A ABOVE	067F	ARABIC LETTER TEHEH
0623	ARABIC LETTER ALEF WITH HAMZA ABOVE		
0624	ARABIC LETTER WAW WITH HAMZA ABOVE		
0625	ARABIC LETTER ALEF WITH HAMZA BELOW		
0626	ARABIC LETTER YEH WITH HAMZA ABOVE		
0627	ARABIC LETTER ALEF		
0628	ARABIC LETTER BEH		
0629	ARABIC LETTER TEH MARBUTA		
062A	ARABIC LETTER TEH		
062B	ARABIC LETTER THEH		
062C	ARABIC LETTER JEEM		
062D	ARABIC LETTER HAH		
062E	ARABIC LETTER KHAH		
062F	ARABIC LETTER DAL		
0630	ARABIC LETTER THAL		
0631	ARABIC LETTER REH		
0632	ARABIC LETTER ZAIN		
0633	ARABIC LETTER SEEN		
0634	ARABIC LETTER SHEEN		
0635	ARABIC LETTER SAD		
0636	ARABIC LETTER DAD		
0637	ARABIC LETTER TAH		
0638	ARABIC LETTER ZAH		
0639	ARABIC LETTER AIN		
063A	ARABIC LETTER GHAIN		
063B	(This position shall not be used)		
063C	(This position shall not be used)		
063D	(This position shall not be used)		
063E	(This position shall not be used)		
063F	(This position shall not be used)		
0640	ARABIC TATWEEL		
0641	ARABIC LETTER FEH		
0642	ARABIC LETTER QAF		
0643	ARABIC LETTER KAF		
0644	ARABIC LETTER LAM		
0645	ARABIC LETTER MEEM		
0646	ARABIC LETTER NOON		
0647	ARABIC LETTER HEH		
0648	ARABIC LETTER WAW		
0649	ARABIC LETTER ALEF MAKSURA		
064A	ARABIC LETTER YEH		
064B	ARABIC FATHATAN		
064C	ARABIC DAMMATAN		
064D	ARABIC KASRATAN		
064E	ARABIC FATHA		
064F	ARABIC DAMMA		
0650	ARABIC KASRA		
0651	ARABIC SHADDA		
0652	ARABIC SUKUN		
0653	ARABIC MADDAH ABOVE		
0654	ARABIC HAMZA ABOVE		
0655	ARABIC HAMZA BELOW		
0656	(This position shall not be used)		
0657	(This position shall not be used)		
0658	(This position shall not be used)		
0659	(This position shall not be used)		
065A	(This position shall not be used)		
065B	(This position shall not be used)		
065C	(This position shall not be used)		

Group 00

Plane 00

Row 06

Table 19 - 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 19 - 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 35 - Row 10: Georgian

	10A	10B	10C	10D	10E	10F
0	Ⴀ 10A0	Ⴁ 10B0	Ⴂ 10C0	Ⴃ 10D0	Ⴄ 10E0	Ⴅ 10F0
1	Ⴆ 10A1	Ⴇ 10B1	Ⴈ 10C1	Ⴉ 10D1	Ⴊ 10E1	Ⴋ 10F1
2	Ⴌ 10A2	Ⴍ 10B2	Ⴎ 10C2	Ⴏ 10D2	Ⴐ 10E2	Ⴑ 10F2
3	Ⴒ 10A3	Ⴓ 10B3	Ⴔ 10C3	Ⴕ 10D3	Ⴖ 10E3	Ⴗ 10F3
4	Ⴘ 10A4	Ⴙ 10B4	Ⴚ 10C4	Ⴛ 10D4	Ⴜ 10E4	Ⴝ 10F4
5	Ⴟ 10A5	Ⴡ 10B5	Ⴢ 10C5	Ⴣ 10D5	Ⴤ 10E5	Ⴥ 10F5
6	Ⴚ 10A6	Ⴛ 10B6		Ⴜ 10D6	Ⴝ 10E6	Ⴞ 10F6
7	Ⴟ 10A7	Ⴡ 10B7		Ⴜ 10D7	Ⴝ 10E7	Ⴞ 10F7
8	Ⴚ 10A8	Ⴛ 10B8		Ⴜ 10D8	Ⴝ 10E8	Ⴞ 10F8
9	Ⴚ 10A9	Ⴛ 10B9		Ⴜ 10D9	Ⴝ 10E9	
A	Ⴚ 10AA	Ⴛ 10BA		Ⴜ 10DA	Ⴝ 10EA	
B	Ⴚ 10AB	Ⴛ 10BB		Ⴜ 10DB	Ⴝ 10EB	Ⴞ 10FB
C	Ⴚ 10AC	Ⴛ 10BC		Ⴜ 10DC	Ⴝ 10EC	
D	Ⴚ 10AD	Ⴛ 10BD		Ⴜ 10DD	Ⴝ 10ED	
E	Ⴚ 10AE	Ⴛ 10BE		Ⴜ 10DE	Ⴝ 10EE	
F	Ⴚ 10AF	Ⴛ 10BF		Ⴜ 10DF	Ⴝ 10EF	

G = 00
P = 00

Table 35 - Row 10: Georgian

HEX	NAME	HEX	NAME
10A0	GEORGIAN CAPITAL LETTER AN (Khutsuri)	10FD	(This position shall not be used)
10A1	GEORGIAN CAPITAL LETTER BAN (Khutsuri)	10FE	(This position shall not be used)
10A2	GEORGIAN CAPITAL LETTER GAN (Khutsuri)	10FF	(This position shall not be used)
10A3	GEORGIAN CAPITAL LETTER DON (Khutsuri)		
10A4	GEORGIAN CAPITAL LETTER EN (Khutsuri)		
10A5	GEORGIAN CAPITAL LETTER VIN (Khutsuri)		
10A6	GEORGIAN CAPITAL LETTER ZEN (Khutsuri)		
10A7	GEORGIAN CAPITAL LETTER TAN (Khutsuri)		
10A8	GEORGIAN CAPITAL LETTER IN (Khutsuri)		
10A9	GEORGIAN CAPITAL LETTER KAN (Khutsuri)		
10AA	GEORGIAN CAPITAL LETTER LAS (Khutsuri)		
10AB	GEORGIAN CAPITAL LETTER MAN (Khutsuri)		
10AC	GEORGIAN CAPITAL LETTER NAR (Khutsuri)		
10AD	GEORGIAN CAPITAL LETTER ON (Khutsuri)		
10AE	GEORGIAN CAPITAL LETTER PAR (Khutsuri)		
10AF	GEORGIAN CAPITAL LETTER ZHAR (Khutsuri)		
10B0	GEORGIAN CAPITAL LETTER RAE (Khutsuri)		
10B1	GEORGIAN CAPITAL LETTER SAN (Khutsuri)		
10B2	GEORGIAN CAPITAL LETTER TAR (Khutsuri)		
10B3	GEORGIAN CAPITAL LETTER UN (Khutsuri)		
10B4	GEORGIAN CAPITAL LETTER PHAR (Khutsuri)		
10B5	GEORGIAN CAPITAL LETTER KHAR (Khutsuri)		
10B6	GEORGIAN CAPITAL LETTER GHAN (Khutsuri)		
10B7	GEORGIAN CAPITAL LETTER QAR (Khutsuri)		
10B8	GEORGIAN CAPITAL LETTER SHIN (Khutsuri)		
10B9	GEORGIAN CAPITAL LETTER CHIN (Khutsuri)		
10BA	GEORGIAN CAPITAL LETTER CAN (Khutsuri)		
10BB	GEORGIAN CAPITAL LETTER JIL (Khutsuri)		
10BC	GEORGIAN CAPITAL LETTER CIL (Khutsuri)		
10BD	GEORGIAN CAPITAL LETTER CHAR (Khutsuri)		
10BE	GEORGIAN CAPITAL LETTER XAN (Khutsuri)		
10BF	GEORGIAN CAPITAL LETTER JHAN (Khutsuri)		
10C0	GEORGIAN CAPITAL LETTER HAE (Khutsuri)		
10C1	GEORGIAN CAPITAL LETTER HE (Khutsuri)		
10C2	GEORGIAN CAPITAL LETTER HIE (Khutsuri)		
10C3	GEORGIAN CAPITAL LETTER WE (Khutsuri)		
10C4	GEORGIAN CAPITAL LETTER HAR (Khutsuri)		
10C5	GEORGIAN CAPITAL LETTER HOE (Khutsuri)		
10C6	(This position shall not be used)		
10C7	(This position shall not be used)		
10C8	(This position shall not be used)		
10C9	(This position shall not be used)		
10CA	(This position shall not be used)		
10CB	(This position shall not be used)		
10CC	(This position shall not be used)		
10CD	(This position shall not be used)		
10CE	(This position shall not be used)		
10CF	(This position shall not be used)		
10D0	GEORGIAN LETTER AN		
10D1	GEORGIAN LETTER BAN		
10D2	GEORGIAN LETTER GAN		
10D3	GEORGIAN LETTER DON		
10D4	GEORGIAN LETTER EN		
10D5	GEORGIAN LETTER VIN		
10D6	GEORGIAN LETTER ZEN		
10D7	GEORGIAN LETTER TAN		
10D8	GEORGIAN LETTER IN		
10D9	GEORGIAN LETTER KAN		
10DA	GEORGIAN LETTER LAS		
10DB	GEORGIAN LETTER MAN		
10DC	GEORGIAN LETTER NAR		
10DD	GEORGIAN LETTER ON		
10DE	GEORGIAN LETTER PAR		
10DF	GEORGIAN LETTER ZHAR		
10E0	GEORGIAN LETTER RAE		
10E1	GEORGIAN LETTER SAN		
10E2	GEORGIAN LETTER TAR		
10E3	GEORGIAN LETTER UN		
10E4	GEORGIAN LETTER PHAR		
10E5	GEORGIAN LETTER KHAR		
10E6	GEORGIAN LETTER GHAN		
10E7	GEORGIAN LETTER QAR		
10E8	GEORGIAN LETTER SHIN		
10E9	GEORGIAN LETTER CHIN		
10EA	GEORGIAN LETTER CAN		
10EB	GEORGIAN LETTER JIL		
10EC	GEORGIAN LETTER CIL		
10ED	GEORGIAN LETTER CHAR		
10EE	GEORGIAN LETTER XAN		
10EF	GEORGIAN LETTER JHAN		
10F0	GEORGIAN LETTER HAE		
10F1	GEORGIAN LETTER HE		
10F2	GEORGIAN LETTER HIE		
10F3	GEORGIAN LETTER WE		
10F4	GEORGIAN LETTER HAR		
10F5	GEORGIAN LETTER HOE		
10F6	GEORGIAN LETTER FI		
10F7	GEORGIAN LETTER YN		
10F8	GEORGIAN LETTER ELIFI		
10F9	(This position shall not be used)		
10FA	(This position shall not be used)		
10FB	GEORGIAN PARAGRAPH SEPARATOR		
10FC	(This position shall not be used)		

Group 00

Plane 00

Row 10

Table 38 - Row 12: Ethiopic

	120	121	122	123	124	125	126	127
0	ሀ 1200	ሐ 1210	ሠ 1220	ሰ 1230	ቀ 1240	ቐ 1250	በ 1260	ተ 1270
1	ሁ 1201	ሐ 1211	ሠ 1221	ሰ 1231	ቁ 1241	ቐ 1251	ቡ 1261	ቱ 1271
2	ሂ 1202	ሐ 1212	ሠ 1222	ሰ 1232	ቂ 1242	ቐ 1252	ቢ 1262	ቲ 1272
3	ሃ 1203	ሐ 1213	ሠ 1223	ሰ 1233	ቃ 1243	ቐ 1253	ባ 1263	ታ 1273
4	ሄ 1204	ሐ 1214	ሠ 1224	ሰ 1234	ቄ 1244	ቐ 1254	ቤ 1264	ቲ 1274
5	ህ 1205	ሐ 1215	ሠ 1225	ሰ 1235	ቅ 1245	ቐ 1255	ብ 1265	ት 1275
6	ሆ 1206	ሐ 1216	ሠ 1226	ሰ 1236	ቆ 1246	ቐ 1256	ቦ 1266	ቶ 1276
7		ሐ 1217	ሠ 1227	ሰ 1237			ቧ 1267	ቲ 1277
8	ለ 1208	መ 1218	ረ 1228	ሸ 1238	ቈ 1248	ቐ 1258	ሸ 1268	ቸ 1278
9	ሉ 1209	መ 1219	ሩ 1229	ሹ 1239			ሹ 1269	ቹ 1279
A	ሊ 120A	ሚ 121A	ሪ 122A	ሺ 123A	ቀ 124A	ቐ 125A	ሺ 126A	ቹ 127A
B	ላ 120B	ማ 121B	ራ 122B	ሻ 123B	ቁ 124B	ቐ 125B	ሻ 126B	ቻ 127B
C	ሌ 120C	ሚ 121C	ሪ 122C	ሼ 123C	ቁ 124C	ቐ 125C	ሼ 126C	ቹ 127C
D	ል 120D	ም 121D	ር 122D	ሽ 123D	ቀ 124D	ቐ 125D	ሽ 126D	ቻ 127D
E	ሎ 120E	ሞ 121E	ሮ 122E	ሾ 123E			ሾ 126E	ቻ 127E
F	ሊ 120F	ሚ 121F	ሪ 122F	ሺ 123F			ሺ 126F	ቹ 127F

G = 00
P = 00

Table 38 - Row 12: Ethiopic

HEX	NAME	HEX	NAME
1200	ETHIOPIC SYLLABLE HA	125D	ETHIOPIC SYLLABLE QHWE
1201	ETHIOPIC SYLLABLE HU	125E	(This position shall not be used)
1202	ETHIOPIC SYLLABLE HI	125F	(This position shall not be used)
1203	ETHIOPIC SYLLABLE HAA	1260	ETHIOPIC SYLLABLE BA
1204	ETHIOPIC SYLLABLE HEE	1261	ETHIOPIC SYLLABLE BU
1205	ETHIOPIC SYLLABLE HE	1262	ETHIOPIC SYLLABLE BI
1206	ETHIOPIC SYLLABLE HO	1263	ETHIOPIC SYLLABLE BAA
1207	(This position shall not be used)	1264	ETHIOPIC SYLLABLE BEE
1208	ETHIOPIC SYLLABLE LA	1265	ETHIOPIC SYLLABLE BE
1209	ETHIOPIC SYLLABLE LU	1266	ETHIOPIC SYLLABLE BO
120A	ETHIOPIC SYLLABLE LI	1267	ETHIOPIC SYLLABLE BWA
120B	ETHIOPIC SYLLABLE LAA	1268	ETHIOPIC SYLLABLE VA
120C	ETHIOPIC SYLLABLE LEE	1269	ETHIOPIC SYLLABLE VU
120D	ETHIOPIC SYLLABLE LE	126A	ETHIOPIC SYLLABLE VI
120E	ETHIOPIC SYLLABLE LO	126B	ETHIOPIC SYLLABLE VAA
120F	ETHIOPIC SYLLABLE LWA	126C	ETHIOPIC SYLLABLE VEE
1210	ETHIOPIC SYLLABLE HHA	126D	ETHIOPIC SYLLABLE VE
1211	ETHIOPIC SYLLABLE HHU	126E	ETHIOPIC SYLLABLE VO
1212	ETHIOPIC SYLLABLE HHI	126F	ETHIOPIC SYLLABLE VWA
1213	ETHIOPIC SYLLABLE HHAA	1270	ETHIOPIC SYLLABLE TA
1214	ETHIOPIC SYLLABLE HHEE	1271	ETHIOPIC SYLLABLE TU
1215	ETHIOPIC SYLLABLE HHE	1272	ETHIOPIC SYLLABLE TI
1216	ETHIOPIC SYLLABLE HHO	1273	ETHIOPIC SYLLABLE TAA
1217	ETHIOPIC SYLLABLE HHWA	1274	ETHIOPIC SYLLABLE TEE
1218	ETHIOPIC SYLLABLE MA	1275	ETHIOPIC SYLLABLE TE
1219	ETHIOPIC SYLLABLE MU	1276	ETHIOPIC SYLLABLE TO
121A	ETHIOPIC SYLLABLE MI	1277	ETHIOPIC SYLLABLE TWA
121B	ETHIOPIC SYLLABLE MAA	1278	ETHIOPIC SYLLABLE CA
121C	ETHIOPIC SYLLABLE MEE	1279	ETHIOPIC SYLLABLE CU
121D	ETHIOPIC SYLLABLE ME	127A	ETHIOPIC SYLLABLE CI
121E	ETHIOPIC SYLLABLE MO	127B	ETHIOPIC SYLLABLE CAA
121F	ETHIOPIC SYLLABLE MWA	127C	ETHIOPIC SYLLABLE CEE
1220	ETHIOPIC SYLLABLE SZA	127D	ETHIOPIC SYLLABLE CE
1221	ETHIOPIC SYLLABLE SZU	127E	ETHIOPIC SYLLABLE CO
1222	ETHIOPIC SYLLABLE SZI	127F	ETHIOPIC SYLLABLE CWA
1223	ETHIOPIC SYLLABLE SZAA		
1224	ETHIOPIC SYLLABLE SZEE		
1225	ETHIOPIC SYLLABLE SZE		
1226	ETHIOPIC SYLLABLE SZO		
1227	ETHIOPIC SYLLABLE SZWA		
1228	ETHIOPIC SYLLABLE RA		
1229	ETHIOPIC SYLLABLE RU		
122A	ETHIOPIC SYLLABLE RI		
122B	ETHIOPIC SYLLABLE RAA		
122C	ETHIOPIC SYLLABLE REE		
122D	ETHIOPIC SYLLABLE RE		
122E	ETHIOPIC SYLLABLE RO		
122F	ETHIOPIC SYLLABLE RWA		
1230	ETHIOPIC SYLLABLE SA		
1231	ETHIOPIC SYLLABLE SU		
1232	ETHIOPIC SYLLABLE SI		
1233	ETHIOPIC SYLLABLE SAA		
1234	ETHIOPIC SYLLABLE SEE		
1235	ETHIOPIC SYLLABLE SE		
1236	ETHIOPIC SYLLABLE SO		
1237	ETHIOPIC SYLLABLE SWA		
1238	ETHIOPIC SYLLABLE SHA		
1239	ETHIOPIC SYLLABLE SHU		
123A	ETHIOPIC SYLLABLE SHI		
123B	ETHIOPIC SYLLABLE SHAA		
123C	ETHIOPIC SYLLABLE SHEE		
123D	ETHIOPIC SYLLABLE SHE		
123E	ETHIOPIC SYLLABLE SHO		
123F	ETHIOPIC SYLLABLE SHWA		
1240	ETHIOPIC SYLLABLE QA		
1241	ETHIOPIC SYLLABLE QU		
1242	ETHIOPIC SYLLABLE QI		
1243	ETHIOPIC SYLLABLE QAA		
1244	ETHIOPIC SYLLABLE QEE		
1245	ETHIOPIC SYLLABLE QE		
1246	ETHIOPIC SYLLABLE QO		
1247	(This position shall not be used)		
1248	ETHIOPIC SYLLABLE QWA		
1249	(This position shall not be used)		
124A	ETHIOPIC SYLLABLE QWI		
124B	ETHIOPIC SYLLABLE QWAA		
124C	ETHIOPIC SYLLABLE QWEE		
124D	ETHIOPIC SYLLABLE QWE		
124E	(This position shall not be used)		
124F	(This position shall not be used)		
1250	ETHIOPIC SYLLABLE QHA		
1251	ETHIOPIC SYLLABLE QHU		
1252	ETHIOPIC SYLLABLE QHI		
1253	ETHIOPIC SYLLABLE QHAA		
1254	ETHIOPIC SYLLABLE QHEE		
1255	ETHIOPIC SYLLABLE QHE		
1256	ETHIOPIC SYLLABLE QHO		
1257	(This position shall not be used)		
1258	ETHIOPIC SYLLABLE QHWA		
1259	(This position shall not be used)		
125A	ETHIOPIC SYLLABLE QHWI		
125B	ETHIOPIC SYLLABLE QHWAA		
125C	ETHIOPIC SYLLABLE QHWEE		

Group 00

Plane 00

Row 12

Table 48 - 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 48 - 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 49 - 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 49 - 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 50 - 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 50 - 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)		

Table 51 - 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 51 - 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)		

Table 52 - 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	អ 17A4	ា 17B4	ោ 17C4	។ 17D4	៤ 17E4	
5	ច 1785	ផ 1795	ត 17A5	ា 17B5	ោ 17C5	។ 17D5	៥ 17E5	
6	ឆ 1786	ព 1796	ឡ 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	ប 17AB	័ 17BB	័ 17CB	័ 17DB		
C	ខ 178C	រ 179C	ប 17AC	័ 17BC	័ 17CC	័ 17DC		
D	ឈ 178D	ត 179D	ព 17AD	័ 17BD	័ 17CD			
E	ណ 178E	ថ 179E	ព 17AE	័ 17BE	័ 17CE			
F	ត 178F	ស 179F	ង 17AF	័ 17BF	័ 17CF			

G = 00
P = 00

Table 52 - Row 17: Khmer

HEX	NAME	HEX	NAME
1780	KHMER LETTER KA	17DD	(This position shall not be used)
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 58 - Row 20: General Punctuation

	200	201	202	203	204	205	206
0	 2000	— 2010	† 2020	‰ 2030	— 2040	◌ 2050	 2060
1	 2001	 2011	‡ 2021	‱ 2031	⁄ 2041	* 2051	 2061
2	 2002	— 2012	• 2022	′ 2032	** 2042	% 2052	 2062
3	 2003	— 2013	▶ 2023	” 2033	■ 2043		 2063
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 58 - 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	INVISIBLE SEPARATOR
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	COMMERCIAL MINUS SIGN		
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 59 - 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 59 - 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 60 - Row 20: Currency Symbols

	20A	20B	20C
0	₣ 20A0	₧ 20B0	
1	₵ 20A1	₡ 20B1	
2	₶ 20A2		
3	₷ 20A3		
4	₸ 20A4		
5	₹ 20A5		
6	₺ 20A6		
7	₻ 20A7		
8	₼ 20A8		
9	₽ 20A9		
A	₾ 20AA		
B	₿ 20AB		
C	₿ 20AC		
D	₿ 20AD		
E	₿ 20AE		
F	₿ 20AF		

G = 00

P = 00

Table 60 - 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)		

Table 61 - 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	 20E9	
A	 20DA	 20EA	
B	 20DB		
C	 20DC		
D	 20DD		
E	 20DE		
F	 20DF		

G = 00
P = 00

Table 61 - 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	COMBINING WIDE BRIDGE ABOVE		
20EA	COMBINING LEFTWARDS ARROW OVERLAY		
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 62 - Row 21: Letterlike Symbols

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

G = 00

P = 00

Table 62 - 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 N-ARY SUMMATION		
2141	TURNED SANS-SERIF CAPITAL G		
2142	TURNED SANS-SERIF CAPITAL L		
2143	REVERSED SANS-SERIF CAPITAL L		
2144	TURNED 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 64 - 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	 21F4
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 64 - 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	RIGHT ARROW WITH SMALL CIRCLE
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

	220	221	222	223	224	225	226	227
0	∇ 2200	$\sqcup$ 2210	$\angle$ 2220	$\mathfrak{f}$ 2230	$\wr$ 2240	$\doteq$ 2250	$\neq$ 2260	$\nless$ 2270
1	$\mathcal{C}$ 2201	Σ 2211	Δ 2221	$\mathfrak{f}$ 2231	$\nless$ 2241	$\doteq$ 2251	$\equiv$ 2261	$\nless$ 2271
2	∂ 2202	$-$ 2212	$\mathfrak{f}$ 2222	$\mathfrak{f}$ 2232	$\nless$ 2242	$\doteq$ 2252	$\neq$ 2262	$\nless$ 2272
3	$\exists$ 2203	$\mp$ 2213	$\mathfrak{f}$ 2223	$\mathfrak{f}$ 2233	$\nless$ 2243	$\doteq$ 2253	$\equiv$ 2263	$\nless$ 2273
4	$\mathfrak{f}$ 2204	$\dagger$ 2214	$\mathfrak{f}$ 2224	$\mathfrak{f}$ 2234	$\nless$ 2244	$\doteq$ 2254	$\leq$ 2264	$\nless$ 2274
5	$\emptyset$ 2205	$/$ 2215	$\parallel$ 2225	$\mathfrak{f}$ 2235	$\nless$ 2245	$\doteq$ 2255	$\geq$ 2265	$\nless$ 2275
6	Δ 2206	$\mathfrak{f}$ 2216	$\mathfrak{f}$ 2226	$\mathfrak{f}$ 2236	$\nless$ 2246	$\mathfrak{f}$ 2256	$\nless$ 2266	$\nless$ 2276
7	∇ 2207	$*$ 2217	$\wedge$ 2227	$\mathfrak{f}$ 2237	$\nless$ 2247	$\doteq$ 2257	$\nless$ 2267	$\nless$ 2277
8	$\in$ 2208	$\circ$ 2218	∇ 2228	$\mathfrak{f}$ 2238	$\nless$ 2248	$\nless$ 2258	$\nless$ 2268	$\nless$ 2278
9	$\nless$ 2209	$\cdot$ 2219	$\cap$ 2229	$\mathfrak{f}$ 2239	$\nless$ 2249	$\nless$ 2259	$\nless$ 2269	$\nless$ 2279
A	$\in$ 220A	$\sqrt{\quad}$ 221A	$\cup$ 222A	$\mathfrak{f}$ 223A	$\nless$ 224A	$\nless$ 225A	$\nless$ 226A	$\nless$ 227A
B	$\ni$ 220B	$\sqrt[3]{\quad}$ 221B	$\int$ 222B	$\mathfrak{f}$ 223B	$\nless$ 224B	$\nless$ 225B	$\nless$ 226B	$\nless$ 227B
C	$\nless$ 220C	$\sqrt[4]{\quad}$ 221C	$\mathfrak{f}$ 222C	$\mathfrak{f}$ 223C	$\nless$ 224C	$\nless$ 225C	$\nless$ 226C	$\nless$ 227C
D	$\ni$ 220D	∞ 221D	$\mathfrak{f}$ 222D	$\mathfrak{f}$ 223D	$\nless$ 224D	$\mathfrak{f}$ 225D	$\nless$ 226D	$\nless$ 227D
E	$\blacksquare$ 220E	∞ 221E	$\mathfrak{f}$ 222E	$\mathfrak{f}$ 223E	$\mathfrak{f}$ 224E	$\mathfrak{f}$ 225E	$\nless$ 226E	$\nless$ 227E
F	$\prod$ 220F	$\mathfrak{f}$ 221F	$\mathfrak{f}$ 222F	$\mathfrak{f}$ 223F	$\mathfrak{f}$ 224F	$\mathfrak{f}$ 225F	$\nless$ 226F	$\nless$ 227F

G = 00
P = 00

Table 65 - Row 22: Mathematical Operators

HEX	NAME	HEX	NAME
2200	FOR ALL	225D	EQUAL TO BY DEFINITION
2201	COMPLEMENT	225E	MEASURED BY
2202	PARTIAL DIFFERENTIAL	225F	QUESTIONED EQUAL TO
2203	THERE EXISTS	2260	NOT EQUAL TO
2204	THERE DOES NOT EXIST	2261	IDENTICAL TO
2205	EMPTY SET	2262	NOT IDENTICAL TO
2206	INCREMENT	2263	STRICTLY EQUIVALENT TO
2207	NABLA	2264	LESS-THAN OR EQUAL TO
2208	ELEMENT OF	2265	GREATER-THAN OR EQUAL TO
2209	NOT AN ELEMENT OF	2266	LESS-THAN OVER EQUAL TO
220A	SMALL ELEMENT OF	2267	GREATER-THAN OVER EQUAL TO
220B	CONTAINS AS MEMBER	2268	LESS-THAN BUT NOT EQUAL TO
220C	DOES NOT CONTAIN AS MEMBER	2269	GREATER-THAN BUT NOT EQUAL TO
220D	SMALL CONTAINS AS MEMBER	226A	MUCH LESS-THAN
220E	END OF PROOF	226B	MUCH GREATER-THAN
220F	N-ARY PRODUCT	226C	BETWEEN
2210	N-ARY COPRODUCT	226D	NOT EQUIVALENT TO
2211	N-ARY SUMMATION	226E	NOT LESS-THAN
2212	MINUS SIGN	226F	NOT GREATER-THAN
2213	MINUS-OR-PLUS SIGN	2270	NEITHER LESS-THAN NOR EQUAL TO
2214	DOT PLUS	2271	NEITHER GREATER-THAN NOR EQUAL TO
2215	DIVISION SLASH	2272	LESS-THAN OR EQUIVALENT TO
2216	SET MINUS	2273	GREATER-THAN OR EQUIVALENT TO
2217	ASTERISK OPERATOR	2274	NEITHER LESS-THAN NOR EQUIVALENT TO
2218	RING OPERATOR	2275	NEITHER GREATER-THAN NOR EQUIVALENT TO
2219	BULLET OPERATOR	2276	LESS-THAN OR GREATER-THAN
221A	SQUARE ROOT	2277	GREATER-THAN OR LESS-THAN
221B	CUBE ROOT	2278	NEITHER LESS-THAN NOR GREATER-THAN
221C	FOURTH ROOT	2279	NEITHER GREATER-THAN NOR LESS-THAN
221D	PROPORTIONAL TO	227A	PRECEDES
221E	INFINITY	227B	SUCCEEDS
221F	RIGHT ANGLE	227C	PRECEDES OR EQUAL TO
2220	ANGLE	227D	SUCCEEDS OR EQUAL TO
2221	MEASURED ANGLE	227E	PRECEDES OR EQUIVALENT TO
2222	SPHERICAL ANGLE	227F	SUCCEEDS OR EQUIVALENT TO
2223	DIVIDES		
2224	DOES NOT DIVIDE		
2225	PARALLEL TO		
2226	NOT PARALLEL TO		
2227	LOGICAL AND		
2228	LOGICAL OR		
2229	INTERSECTION		
222A	UNION		
222B	INTEGRAL		
222C	DOUBLE INTEGRAL		
222D	TRIPLE INTEGRAL		
222E	CONTOUR INTEGRAL		
222F	SURFACE INTEGRAL		
2230	VOLUME INTEGRAL		
2231	CLOCKWISE INTEGRAL		
2232	CLOCKWISE CONTOUR INTEGRAL		
2233	ANTICLOCKWISE CONTOUR INTEGRAL		
2234	THEREFORE		
2235	BECAUSE		
2236	RATIO		
2237	PROPORTION		
2238	DOT MINUS		
2239	EXCESS		
223A	GEOMETRIC PROPORTION		
223B	HOMOTHETIC		
223C	TILDE OPERATOR		
223D	REVERSED TILDE (lazy S)		
223E	INVERTED LAZY S		
223F	SINE WAVE		
2240	WREATH PRODUCT		
2241	NOT TILDE		
2242	MINUS TILDE		
2243	ASYMPTOTICALLY EQUAL TO		
2244	NOT ASYMPTOTICALLY EQUAL TO		
2245	APPROXIMATELY EQUAL TO		
2246	APPROXIMATELY BUT NOT ACTUALLY EQUAL TO		
2247	NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO		
2248	ALMOST EQUAL TO		
2249	NOT ALMOST EQUAL TO		
224A	ALMOST EQUAL OR EQUAL TO		
224B	TRIPLE TILDE		
224C	ALL EQUAL TO		
224D	EQUIVALENT TO		
224E	GEOMETRICALLY EQUIVALENT TO		
224F	DIFFERENCE BETWEEN		
2250	APPROACHES THE LIMIT		
2251	GEOMETRICALLY EQUAL TO		
2252	APPROXIMATELY EQUAL TO OR THE IMAGE OF		
2253	IMAGE OF OR APPROXIMATELY EQUAL TO		
2254	COLON EQUALS		
2255	EQUALS COLON		
2256	RING IN EQUAL TO		
2257	RING EQUAL TO		
2258	CORRESPONDS TO		
2259	ESTIMATES		
225A	EQUIANGULAR TO		
225B	STAR EQUALS		
225C	DELTA EQUAL TO		

Group 00

Plane 00

Row 22

Table 66 - 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 66 - 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 67 - 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 67 - 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 68 - 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 68 - 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	DENTISTRY SYMBOL LIGHT VERTICAL AND TOP RIGHT		
23BF	DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM RIGHT		
23C0	DENTISTRY SYMBOL LIGHT VERTICAL WITH CIRCLE		
23C1	DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH CIRCLE		
23C2	DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH CIRCLE		
23C3	DENTISTRY SYMBOL LIGHT VERTICAL WITH TRIANGLE		
23C4	DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH TRIANGLE		
23C5	DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH TRIANGLE		
23C6	DENTISTRY SYMBOL LIGHT VERTICAL AND WAVE		
23C7	DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH WAVE		
23C8	DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH WAVE		
23C9	DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL		
23CA	DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL		
23CB	DENTISTRY SYMBOL LIGHT VERTICAL AND TOP LEFT		
23CC	DENTISTRY 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 71 - 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 71 - 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 73 - 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 73 - 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 74 - 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 74 - 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	LOWER RIGHT TRIANGLE
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 75 - 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 75 - 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 (pete)
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	RECYCLING SYMBOL FOR GENERIC MATERIALS
261E	WHITE RIGHT POINTING INDEX	267B	BLACK UNIVERSAL RECYCLING SYMBOL
261F	WHITE DOWN POINTING INDEX	267C	RECYCLED PAPER SYMBOL
2620	SKULL AND CROSSBONES	267D	PARTIALLY-RECYCLED PAPER SYMBOL
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

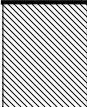
Table 76 - Row 26: Miscellaneous Symbols								
	268	269	26A	26B	26C	26D	26E	26F
0	 2680							
1	 2681							
2	 2682							
3	 2683							
4	 2684							
5	 2685							
6	 2686							
7	 2687							
8	 2688							
9	 2689							
A								
B								
C								
D								
E								
F								

G = 00
P = 00

[illegible]

Row 26

Table 78 - Row 27: Dingbats

	276	277	278	279	27A	27B
0		 2770	 2780	 2790	 27A0	
1	 2761	 2771	 2781	 2791	 27A1	 27B1
2	 2762	 2772	 2782	 2792	 27A2	 27B2
3	 2763	 2773	 2783	 2793	 27A3	 27B3
4	 2764	 2774	 2784	 2794	 27A4	 27B4
5	 2765	 2775	 2785		 27A5	 27B5
6	 2766	 2776	 2786		 27A6	 27B6
7	 2767	 2777	 2787		 27A7	 27B7
8	 2768	 2778	 2788	 2798	 27A8	 27B8
9	 2769	 2779	 2789	 2799	 27A9	 27B9
A	 276A	 277A	 278A	 279A	 27AA	 27BA
B	 276B	 277B	 278B	 279B	 27AB	 27BB
C	 276C	 277C	 278C	 279C	 27AC	 27BC
D	 276D	 277D	 278D	 279D	 27AD	 27BD
E	 276E	 277E	 278E	 279E	 27AE	 27BE
F	 276F	 277F	 278F	 279F	 27AF	

G = 00
P = 00

Table 78 - Row 27: Dingbats

HEX	NAME	HEX	NAME
2760	(This position shall not be used)	27BD	HEAVY WEDGE-TAILED RIGHTWARDS ARROW
2761	CURVED STEM PARAGRAPH SIGN ORNAMENT	27BE	OPEN-OUTLINED RIGHTWARDS ARROW
2762	HEAVY EXCLAMATION MARK ORNAMENT	27BF	(This position shall not be used)
2763	HEAVY HEART EXCLAMATION MARK ORNAMENT		
2764	HEAVY BLACK HEART		
2765	ROTATED HEAVY BLACK HEART BULLET		
2766	FLORAL HEART		
2767	ROTATED FLORAL HEART BULLET		
2768	MEDIUM LEFT PARENTHESIS ORNAMENT		
2769	MEDIUM RIGHT PARENTHESIS ORNAMENT		
276A	MEDIUM FLATTENED LEFT PARENTHESIS ORNAMENT		
276B	MEDIUM FLATTENED RIGHT PARENTHESIS ORNAMENT		
276C	MEDIUM LEFT-POINTING ANGLE BRACKET ORNAMENT		
276D	MEDIUM RIGHT-POINTING ANGLE BRACKET ORNAMENT		
276E	HEAVY LEFT-POINTING ANGLE QUOTATION MARK ORNAMENT		
276F	HEAVY RIGHT-POINTING ANGLE QUOTATION MARK ORNAMENT		
2770	HEAVY LEFT-POINTING ANGLE BRACKET ORNAMENT		
2771	HEAVY RIGHT-POINTING ANGLE BRACKET ORNAMENT		
2772	LIGHT LEFT TORTOISE SHELL BRACKET ORNAMENT		
2773	LIGHT RIGHT TORTOISE SHELL BRACKET ORNAMENT		
2774	MEDIUM LEFT CURLY BRACKET ORNAMENT		
2775	MEDIUM RIGHT CURLY BRACKET ORNAMENT		
2776	DINGBAT NEGATIVE CIRCLED DIGIT ONE		
2777	DINGBAT NEGATIVE CIRCLED DIGIT TWO		
2778	DINGBAT NEGATIVE CIRCLED DIGIT THREE		
2779	DINGBAT NEGATIVE CIRCLED DIGIT FOUR		
277A	DINGBAT NEGATIVE CIRCLED DIGIT FIVE		
277B	DINGBAT NEGATIVE CIRCLED DIGIT SIX		
277C	DINGBAT NEGATIVE CIRCLED DIGIT SEVEN		
277D	DINGBAT NEGATIVE CIRCLED DIGIT EIGHT		
277E	DINGBAT NEGATIVE CIRCLED DIGIT NINE		
277F	DINGBAT NEGATIVE CIRCLED NUMBER TEN		
2780	DINGBAT CIRCLED SANS-SERIF DIGIT ONE		
2781	DINGBAT CIRCLED SANS-SERIF DIGIT TWO		
2782	DINGBAT CIRCLED SANS-SERIF DIGIT THREE		
2783	DINGBAT CIRCLED SANS-SERIF DIGIT FOUR		
2784	DINGBAT CIRCLED SANS-SERIF DIGIT FIVE		
2785	DINGBAT CIRCLED SANS-SERIF DIGIT SIX		
2786	DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN		
2787	DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT		
2788	DINGBAT CIRCLED SANS-SERIF DIGIT NINE		
2789	DINGBAT CIRCLED SANS-SERIF NUMBER TEN		
278A	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE		
278B	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO		
278C	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE		
278D	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR		
278E	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE		
278F	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX		
2790	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN		
2791	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT		
2792	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE		
2793	DINGBAT NEGATIVE CIRCLED SANS-SERIF NUMBER TEN		
2794	HEAVY WIDE-HEADED RIGHTWARDS ARROW		
2795	(This position shall not be used)		
2796	(This position shall not be used)		
2797	(This position shall not be used)		
2798	HEAVY SOUTH EAST ARROW		
2799	HEAVY RIGHTWARDS ARROW		
279A	HEAVY NORTH EAST ARROW		
279B	DRAFTING POINT RIGHTWARDS ARROW		
279C	HEAVY ROUND-TIPPED RIGHTWARDS ARROW		
279D	TRIANGLE-HEADED RIGHTWARDS ARROW		
279E	HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW		
279F	DASHED TRIANGLE-HEADED RIGHTWARDS ARROW		
27A0	HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW		
27A1	BLACK RIGHTWARDS ARROW		
27A2	THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD		
27A3	THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD		
27A4	BLACK RIGHTWARDS ARROWHEAD		
27A5	HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW		
27A6	HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW		
27A7	SQUAT BLACK RIGHTWARDS ARROW		
27A8	HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW		
27A9	RIGHT-SHADED WHITE RIGHTWARDS ARROW		
27AA	LEFT-SHADED WHITE RIGHTWARDS ARROW		
27AB	BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW		
27AC	FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW		
27AD	HEAVY LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW		
27AE	HEAVY UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW		
27AF	NOTCHED LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW		
27B0	(This position shall not be used)		
27B1	NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW		
27B2	CIRCLED HEAVY WHITE RIGHTWARDS ARROW		
27B3	WHITE-FEATHERED RIGHTWARDS ARROW		
27B4	BLACK-FEATHERED SOUTH EAST ARROW		
27B5	BLACK-FEATHERED RIGHTWARDS ARROW		
27B6	BLACK-FEATHERED NORTH EAST ARROW		
27B7	HEAVY BLACK-FEATHERED SOUTH EAST ARROW		
27B8	HEAVY BLACK-FEATHERED RIGHTWARDS ARROW		
27B9	HEAVY BLACK-FEATHERED NORTH EAST ARROW		
27BA	TEARDROP-BARBED RIGHTWARDS ARROW		
27BB	HEAVY TEARDROP-SHANKED RIGHTWARDS ARROW		
27BC	WEDGE-TAILED RIGHTWARDS ARROW		

Group 00

Plane 00

Row 27

Table 79 - Row 27: Miscellaneous Mathematical Symbols-A

	27C	27D	27E
0		 27D0	 27E0
1		 27D1	 27E1
2		 27D2	 27E2
3		 27D3	 27E3
4		 27D4	 27E4
5		 27D5	 27E5
6		 27D6	
7		 27D7	
8		 27D8	
9		 27D9	
A		 27DA	
B		 27DB	
C		 27DC	
D		 27DD	
E		 27DE	
F		 27DF	

G = 00
P = 00

Table 79 - Row 27: Miscellaneous Mathematical Symbols-A

HEX	NAME	HEX	NAME
27C0	(This position shall not be used)		
27C1	(This position shall not be used)		
27C2	(This position shall not be used)		
27C3	(This position shall not be used)		
27C4	(This position shall not be used)		
27C5	(This position shall not be used)		
27C6	(This position shall not be used)		
27C7	(This position shall not be used)		
27C8	(This position shall not be used)		
27C9	(This position shall not be used)		
27CA	(This position shall not be used)		
27CB	(This position shall not be used)		
27CC	(This position shall not be used)		
27CD	(This position shall not be used)		
27CE	(This position shall not be used)		
27CF	(This position shall not be used)		
27D0	WHITE DIAMOND WITH CENTRED DOT		
27D1	AND WITH DOT		
27D2	ELEMENT OF OPENING UPWARDS		
27D3	LOWER RIGHT CORNER WITH DOT		
27D4	UPPER LEFT CORNER WITH DOT		
27D5	LEFT OUTER JOIN		
27D6	RIGHT OUTER JOIN		
27D7	FULL OUTER JOIN		
27D8	LARGE UP TACK		
27D9	LARGE DOWN TACK		
27DA	LEFT AND RIGHT DOUBLE TURNSTILE		
27DB	LEFT AND RIGHT TACK		
27DC	LEFT MULTIMAP		
27DD	LONG RIGHT TACK		
27DE	LONG LEFT TACK		
27DF	UP TACK WITH CIRCLE ABOVE		
27E0	LOZENGE DIVIDED BY HORIZONTAL RULE		
27E1	WHITE CONCAVE-SIDED DIAMOND		
27E2	WHITE CONCAVE-SIDED DIAMOND WITH LEFTWARDS TICK		
27E3	WHITE CONCAVE-SIDED DIAMOND WITH RIGHTWARDS TICK		
27E4	WHITE SQUARE WITH LEFTWARDS TICK		
27E5	WHITE SQUARE WITH RIGHTWARDS TICK		
27E6	(This position shall not be used)		
27E7	(This position shall not be used)		
27E8	(This position shall not be used)		
27E9	(This position shall not be used)		
27EA	(This position shall not be used)		
27EB	(This position shall not be used)		
27EC	(This position shall not be used)		
27ED	(This position shall not be used)		
27EE	(This position shall not be used)		
27EF	(This position shall not be used)		

Group 00**Plane 00****Row 27**

Table 80 - Row 27: Supplemental Arrows-A

27F	
0	 27F0
1	 27F1
2	 27F2
3	 27F3
4	 27F4
5	 27F5
6	 27F6
7	 27F7
8	 27F8
9	 27F9
A	 27FA
B	 27FB
C	 27FC
D	 27FD
E	 27FE
F	 27FF

G = 00
P = 00

Table 80 - Row 27: Supplemental Arrows-A

HEX	NAME	HEX	NAME
27F0	UPWARDS QUADRUPLE ARROW		
27F1	DOWNWARDS QUADRUPLE ARROW		
27F2	ANTICLOCKWISE GAPPED CIRCLE ARROW		
27F3	CLOCKWISE GAPPED CIRCLE ARROW		
27F4	RIGHT ARROW WITH CIRCLED PLUS		
27F5	LONG LEFTWARDS ARROW		
27F6	LONG RIGHTWARDS ARROW		
27F7	LONG LEFT RIGHT ARROW		
27F8	LONG LEFTWARDS DOUBLE ARROW		
27F9	LONG RIGHTWARDS DOUBLE ARROW		
27FA	LONG LEFT RIGHT DOUBLE ARROW		
27FB	LONG LEFTWARDS ARROW FROM BAR		
27FC	LONG RIGHTWARDS ARROW FROM BAR		
27FD	LONG LEFTWARDS DOUBLE ARROW FROM BAR		
27FE	LONG RIGHTWARDS DOUBLE ARROW FROM BAR		
27FF	LONG RIGHTWARDS ZIG-ZAG ARROW		

Group 00

Plane 00

Row 27

Table 83 - Row 29: Supplemental Arrows-B

	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 83 - Row 29: Supplemental Arrows-B

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 BLACK DIAMOND	297A	LEFTWARDS ARROW THROUGH SUBSET
291E	RIGHTWARDS ARROW TO BLACK DIAMOND	297B	SUPERSET ABOVE LEFTWARDS ARROW
291F	LEFTWARDS ARROW FROM BAR TO BLACK DIAMOND	297C	LEFT FISH TAIL
2920	RIGHTWARDS ARROW FROM BAR TO BLACK 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	RISEING DIAGONAL CROSSING FALLING DIAGONAL		
292C	FALLING DIAGONAL CROSSING RISING 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	RISEING 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 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 84 - Row 29: Miscellaneous Mathematical Symbols-B

	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	 29E6	 29F6
7	 2987	 2997	 29A7	 29B7	 29C7	 29D7	 29E7	 29F7
8	 2988	 2998	 29A8	 29B8	 29C8	 29D8	 29E8	 29F8
9	 2989	 2999	 29A9	 29B9	 29C9	 29D9	 29E9	 29F9
A	 298A	 299A	 29AA	 29BA	 29CA	 29DA	 29EA	 29FA
B	 298B	 299B	 29AB	 29BB	 29CB	 29DB	 29EB	 29FB
C	 298C	 299C	 29AC	 29BC	 29CC	 29DC	 29EC	 29FC
D	 298D	 299D	 29AD	 29BD	 29CD	 29DD	 29ED	 29FD
E	 298E	 299E	 29AE	 29BE	 29CE	 29DE	 29EE	 29FE
F	 298F	 299F	 29AF	 29BF	 29CF	 29DF	 29EF	 29FF

G = 00
P = 00

Table 84 - Row 29: Miscellaneous Mathematical Symbols-B

HEX	NAME	HEX	NAME
2980	TRIPLE VERTICAL BAR DELIMITER	29DD	TIE OVER INFINITY
2981	Z NOTATION SPOT	29DE	INFINITY NEGATED WITH VERTICAL BAR
2982	Z NOTATION TYPE COLON	29DF	DOUBLE-ENDED MULTIMAP
2983	LEFT WHITE CURLY BRACKET	29E0	SQUARE WITH CONTOURED OUTLINE
2984	RIGHT WHITE CURLY BRACKET	29E1	INCREASES AS
2985	LEFT WHITE PARENTHESIS	29E2	SHUFFLE PRODUCT
2986	RIGHT WHITE PARENTHESIS	29E3	EQUALS SIGN AND SLANTED PARALLEL
2987	Z NOTATION LEFT IMAGE BRACKET	29E4	EQUALS SIGN AND SLANTED PARALLEL WITH TILDE ABOVE
2988	Z NOTATION RIGHT IMAGE BRACKET	29E5	IDENTICAL TO AND SLANTED PARALLEL
2989	Z NOTATION LEFT BINDING BRACKET	29E6	GLEICH STARK
298A	Z NOTATION RIGHT BINDING BRACKET	29E7	THERMODYNAMIC
298B	LEFT SQUARE BRACKET WITH UNDERBAR	29E8	DOWN-POINTING TRIANGLE WITH LEFT HALF BLACK
298C	RIGHT SQUARE BRACKET WITH UNDERBAR	29E9	DOWN-POINTING TRIANGLE WITH RIGHT HALF BLACK
298D	LEFT SQUARE BRACKET WITH TICK IN TOP CORNER	29EA	BLACK DIAMOND WITH DOWN ARROW
298E	RIGHT SQUARE BRACKET WITH TICK IN BOTTOM CORNER	29EB	BLACK LOZENGE
298F	LEFT SQUARE BRACKET WITH TICK IN BOTTOM CORNER	29EC	WHITE CIRCLE WITH DOWN ARROW
2990	RIGHT SQUARE BRACKET WITH TICK IN TOP CORNER	29ED	BLACK CIRCLE WITH DOWN ARROW
2991	LEFT ANGLE BRACKET WITH DOT	29EE	ERROR-BARRED WHITE SQUARE
2992	RIGHT ANGLE BRACKET WITH DOT	29EF	ERROR-BARRED BLACK SQUARE
2993	LEFT ARC LESS-THAN BRACKET	29F0	ERROR-BARRED WHITE DIAMOND
2994	RIGHT ARC GREATER-THAN BRACKET	29F1	ERROR-BARRED BLACK DIAMOND
2995	DOUBLE LEFT ARC GREATER-THAN BRACKET	29F2	ERROR-BARRED WHITE CIRCLE
2996	DOUBLE RIGHT ARC LESS-THAN BRACKET	29F3	ERROR-BARRED BLACK CIRCLE
2997	LEFT BLACK TORTOISE SHELL BRACKET	29F4	RULE-DELAYED
2998	RIGHT BLACK TORTOISE SHELL BRACKET	29F5	REVERSE SOLIDUS OPERATOR
2999	DOTTED FENCE	29F6	SOLIDUS WITH OVERBAR
299A	VERTICAL ZIGZAG LINE	29F7	REVERSE SOLIDUS WITH HORIZONTAL STROKE
299B	MEASURED ANGLE OPENING LEFT	29F8	BIG SOLIDUS
299C	RIGHT ANGLE VARIANT WITH SQUARE	29F9	BIG REVERSE SOLIDUS
299D	MEASURED RIGHT ANGLE WITH DOT	29FA	DOUBLE PLUS
299E	ANGLE WITH S INSIDE	29FB	TRIPLE PLUS
299F	ACUTE ANGLE	29FC	LEFT POINTING CURVED ANGLE BRACKET
29A0	SPHERICAL ANGLE OPENING LEFT	29FD	RIGHT POINTING CURVED ANGLE BRACKET
29A1	SPHERICAL ANGLE OPENING UP	29FE	TINY
29A2	TURNUED ANGLE	29FF	MINY
29A3	REVERSED ANGLE		
29A4	ANGLE WITH UNDERBAR		
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 RIGHT		
29A9	MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING UP AND LEFT		
29AA	MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND RIGHT		
29AB	MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND 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 BLACK BOWTIE		
29D2	RIGHT BLACK BOWTIE		
29D3	BLACK BOWTIE		
29D4	LEFT BLACK TIMES		
29D5	RIGHT BLACK TIMES		
29D6	WHITE HOURGLASS		
29D7	BLACK HOURGLASS		
29D8	LEFT WIGGLY FENCE		
29D9	RIGHT WIGGLY FENCE		
29DA	LEFT DOUBLE WIGGLY FENCE		
29DB	RIGHT DOUBLE WIGGLY FENCE		
29DC	INCOMPLETE INFINITY		

Group 00

Plane 00

Row 29

Table 85 - 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 85 - 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	EQUALS WITH ASTERISK
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 BLACK 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 86 - 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	 2AF7
8	 2A88	 2A98	 2AA8	 2AB8	 2AC8	 2AD8	 2AE8	 2AF8
9	 2A89	 2A99	 2AA9	 2AB9	 2AC9	 2AD9	 2AE9	 2AF9
A	 2A8A	 2A9A	 2AAA	 2ABA	 2ACA	 2ADA	 2AEA	 2AFA
B	 2A8B	 2A9B	 2AAB	 2ABB	 2ACB	 2ADB	 2AEB	 2AFB
C	 2A8C	 2A9C	 2AAC	 2ABC	 2ACC	 2ADC	 2AEC	 2AFC
D	 2A8D	 2A9D	 2AAD	 2ABD	 2ACD	 2ADD	 2AED	 2AFD
E	 2A8E	 2A9E	 2AAE	 2ABE	 2ACE	 2ADE	 2AEE	 2AFE
F	 2A8F	 2A9F	 2AAF	 2ABF	 2ACF	 2ADF	 2AEF	 2AFF

G = 00
P = 00

Table 86 - 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	STACKED VERY MUCH LESS-THAN
2A9B	DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN	2AF8	STACKED VERY MUCH GREATER-THAN
2A9C	DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN	2AF9	DOUBLE-LINE SLANTED LESS-THAN OR EQUAL TO
2A9D	SIMILAR OR LESS-THAN	2AFA	DOUBLE-LINE SLANTED GREATER-THAN OR EQUAL TO
2A9E	SIMILAR OR GREATER-THAN	2AFB	TRIPLE SOLIDUS BINARY RELATION
2A9F	SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN	2AFC	LARGE TRIPLE VERTICAL BAR OPERATOR
2AA0	SIMILAR ABOVE GREATER-THAN ABOVE EQUALS SIGN	2AFD	DOUBLE SOLIDUS OPERATOR
2AA1	DOUBLE NESTED LESS-THAN	2AFE	WHITE VERTICAL BAR
2AA2	DOUBLE NESTED GREATER-THAN	2AFF	N-ARY WHITE VERTICAL BAR
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 91 - 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 91 - 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 92 - Row 30: Hiragana

	304	305	306	307	308	309
0		ぐ 3050	だ 3060	ば 3070	む 3080	み 3090
1	あ 3041	け 3051	ち 3061	ば ^o 3071	め 3081	ゑ 3091
2	あ 3042	げ 3052	ぢ 3062	ひ 3072	も 3082	を 3092
3	い 3043	こ 3053	っ 3063	び 3073	や 3083	ん 3093
4	い 3044	ご 3054	っ 3064	び ^o 3074	や 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 ^o 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 ^o 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 ^o 309C
D	き 304D	そ 305D	ね 306D	ぽ ^o 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 92 - 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 93 - 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 93 - 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 98 - Row 31: Katakana Phonetic Extensions

31F		
0	ク	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

G = 00
P = 00

Table 98 - Row 31: Katakana Phonetic 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		

Group 00

Plane 00

Row 31

Table 99 - 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 99 - Row 32: Enclosed CJK Letters and Months

HEX	NAME	HEX	NAME
3200	PARENTHESESIZED HANGUL KIYEOK	325D	CIRCLED NUMBER THIRTY THREE
3201	PARENTHESESIZED HANGUL NIEUN	325E	CIRCLED NUMBER THIRTY FOUR
3202	PARENTHESESIZED HANGUL TKEUT	325F	CIRCLED NUMBER THIRTY FIVE
3203	PARENTHESESIZED HANGUL RIEUL	3260	CIRCLED HANGUL KIYEOK
3204	PARENTHESESIZED HANGUL MIEUM	3261	CIRCLED HANGUL NIEUN
3205	PARENTHESESIZED HANGUL PIEUP	3262	CIRCLED HANGUL TKEUT
3206	PARENTHESESIZED HANGUL SIOS	3263	CIRCLED HANGUL RIEUL
3207	PARENTHESESIZED HANGUL IEUNG	3264	CIRCLED HANGUL MIEUM
3208	PARENTHESESIZED HANGUL CIEUC	3265	CIRCLED HANGUL PIEUP
3209	PARENTHESESIZED HANGUL CHIEUCH	3266	CIRCLED HANGUL SIOS
320A	PARENTHESESIZED HANGUL KHIEUKH	3267	CIRCLED HANGUL IEUNG
320B	PARENTHESESIZED HANGUL THIEUTH	3268	CIRCLED HANGUL CIEUC
320C	PARENTHESESIZED HANGUL PHIEUPH	3269	CIRCLED HANGUL CHIEUCH
320D	PARENTHESESIZED HANGUL HIEUH	326A	CIRCLED HANGUL KHIEUKH
320E	PARENTHESESIZED HANGUL KIYEOK A	326B	CIRCLED HANGUL THIEUTH
320F	PARENTHESESIZED HANGUL NIEUN A	326C	CIRCLED HANGUL PHIEUPH
3210	PARENTHESESIZED HANGUL TKEUT A	326D	CIRCLED HANGUL HIEUH
3211	PARENTHESESIZED HANGUL RIEUL A	326E	CIRCLED HANGUL KIYEOK A
3212	PARENTHESESIZED HANGUL MIEUM A	326F	CIRCLED HANGUL NIEUN A
3213	PARENTHESESIZED HANGUL PIEUP A	3270	CIRCLED HANGUL TKEUT A
3214	PARENTHESESIZED HANGUL SIOS A	3271	CIRCLED HANGUL RIEUL A
3215	PARENTHESESIZED HANGUL IEUNG A	3272	CIRCLED HANGUL MIEUM A
3216	PARENTHESESIZED HANGUL CIEUC A	3273	CIRCLED HANGUL PIEUP A
3217	PARENTHESESIZED HANGUL CHIEUCH A	3274	CIRCLED HANGUL SIOS A
3218	PARENTHESESIZED HANGUL KHIEUKH A	3275	CIRCLED HANGUL IEUNG A
3219	PARENTHESESIZED HANGUL THIEUTH A	3276	CIRCLED HANGUL CIEUC A
321A	PARENTHESESIZED HANGUL PHIEUPH A	3277	CIRCLED HANGUL CHIEUCH A
321B	PARENTHESESIZED HANGUL HIEUH A	3278	CIRCLED HANGUL KHIEUKH A
321C	PARENTHESESIZED 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	PARENTHESESIZED IDEOGRAPH ONE	327D	(This position shall not be used)
3221	PARENTHESESIZED IDEOGRAPH TWO	327E	(This position shall not be used)
3222	PARENTHESESIZED IDEOGRAPH THREE	327F	KOREAN STANDARD SYMBOL
3223	PARENTHESESIZED IDEOGRAPH FOUR		
3224	PARENTHESESIZED IDEOGRAPH FIVE		
3225	PARENTHESESIZED IDEOGRAPH SIX		
3226	PARENTHESESIZED IDEOGRAPH SEVEN		
3227	PARENTHESESIZED IDEOGRAPH EIGHT		
3228	PARENTHESESIZED IDEOGRAPH NINE		
3229	PARENTHESESIZED IDEOGRAPH TEN		
322A	PARENTHESESIZED IDEOGRAPH MOON		
322B	PARENTHESESIZED IDEOGRAPH FIRE		
322C	PARENTHESESIZED IDEOGRAPH WATER		
322D	PARENTHESESIZED IDEOGRAPH WOOD		
322E	PARENTHESESIZED IDEOGRAPH METAL		
322F	PARENTHESESIZED IDEOGRAPH EARTH		
3230	PARENTHESESIZED IDEOGRAPH SUN		
3231	PARENTHESESIZED IDEOGRAPH STOCK		
3232	PARENTHESESIZED IDEOGRAPH HAVE		
3233	PARENTHESESIZED IDEOGRAPH SOCIETY		
3234	PARENTHESESIZED IDEOGRAPH NAME		
3235	PARENTHESESIZED IDEOGRAPH SPECIAL		
3236	PARENTHESESIZED IDEOGRAPH FINANCIAL		
3237	PARENTHESESIZED IDEOGRAPH CONGRATULATION		
3238	PARENTHESESIZED IDEOGRAPH LABOR		
3239	PARENTHESESIZED IDEOGRAPH REPRESENT		
323A	PARENTHESESIZED IDEOGRAPH CALL		
323B	PARENTHESESIZED IDEOGRAPH STUDY		
323C	PARENTHESESIZED IDEOGRAPH SUPERVISE		
323D	PARENTHESESIZED IDEOGRAPH ENTERPRISE		
323E	PARENTHESESIZED IDEOGRAPH RESOURCE		
323F	PARENTHESESIZED IDEOGRAPH ALLIANCE		
3240	PARENTHESESIZED IDEOGRAPH FESTIVAL		
3241	PARENTHESESIZED IDEOGRAPH REST		
3242	PARENTHESESIZED IDEOGRAPH SELF		
3243	PARENTHESESIZED 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 100 - 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 100 - 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 110 - 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 110 - 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 144 - 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	頷 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	𠂔 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	祉 FA4E	𠂔 FA5E
F	樂 F9BF	紐 F9CF	履 F9DF	璘 F9EF	刺 F9FF	塔 FA0F	藹 FA1F		憎 FA3F	祈 FA4F	𠂔 FA5F

G = 00
P = 00

Table 144 - Rows F9-FA: CJK Compatibility Ideographs

HEX	NAME	HEX	NAME
F9B0	CJK COMPATIBILITY IDEOGRAPH-F9B0	FA0D	CJK COMPATIBILITY IDEOGRAPH-FA0D
F9B1	CJK COMPATIBILITY IDEOGRAPH-F9B1	FA0E	CJK COMPATIBILITY IDEOGRAPH-FA0E
F9B2	CJK COMPATIBILITY IDEOGRAPH-F9B2	FA0F	CJK COMPATIBILITY IDEOGRAPH-FA0F
F9B3	CJK COMPATIBILITY IDEOGRAPH-F9B3	FA10	CJK COMPATIBILITY IDEOGRAPH-FA10
F9B4	CJK COMPATIBILITY IDEOGRAPH-F9B4	FA11	CJK COMPATIBILITY IDEOGRAPH-FA11
F9B5	CJK COMPATIBILITY IDEOGRAPH-F9B5	FA12	CJK COMPATIBILITY IDEOGRAPH-FA12
F9B6	CJK COMPATIBILITY IDEOGRAPH-F9B6	FA13	CJK COMPATIBILITY IDEOGRAPH-FA13
F9B7	CJK COMPATIBILITY IDEOGRAPH-F9B7	FA14	CJK COMPATIBILITY IDEOGRAPH-FA14
F9B8	CJK COMPATIBILITY IDEOGRAPH-F9B8	FA15	CJK COMPATIBILITY IDEOGRAPH-FA15
F9B9	CJK COMPATIBILITY IDEOGRAPH-F9B9	FA16	CJK COMPATIBILITY IDEOGRAPH-FA16
F9BA	CJK COMPATIBILITY IDEOGRAPH-F9BA	FA17	CJK COMPATIBILITY IDEOGRAPH-FA17
F9BB	CJK COMPATIBILITY IDEOGRAPH-F9BB	FA18	CJK COMPATIBILITY IDEOGRAPH-FA18
F9BC	CJK COMPATIBILITY IDEOGRAPH-F9BC	FA19	CJK COMPATIBILITY IDEOGRAPH-FA19
F9BD	CJK COMPATIBILITY IDEOGRAPH-F9BD	FA1A	CJK COMPATIBILITY IDEOGRAPH-FA1A
F9BE	CJK COMPATIBILITY IDEOGRAPH-F9BE	FA1B	CJK COMPATIBILITY IDEOGRAPH-FA1B
F9BF	CJK COMPATIBILITY IDEOGRAPH-F9BF	FA1C	CJK COMPATIBILITY IDEOGRAPH-FA1C
F9C0	CJK COMPATIBILITY IDEOGRAPH-F9C0	FA1D	CJK COMPATIBILITY IDEOGRAPH-FA1D
F9C1	CJK COMPATIBILITY IDEOGRAPH-F9C1	FA1E	CJK COMPATIBILITY IDEOGRAPH-FA1E
F9C2	CJK COMPATIBILITY IDEOGRAPH-F9C2	FA1F	CJK COMPATIBILITY IDEOGRAPH-FA1F *
F9C3	CJK COMPATIBILITY IDEOGRAPH-F9C3	FA20	CJK COMPATIBILITY IDEOGRAPH-FA20
F9C4	CJK COMPATIBILITY IDEOGRAPH-F9C4	FA21	CJK COMPATIBILITY IDEOGRAPH-FA21
F9C5	CJK COMPATIBILITY IDEOGRAPH-F9C5	FA22	CJK COMPATIBILITY IDEOGRAPH-FA22
F9C6	CJK COMPATIBILITY IDEOGRAPH-F9C6	FA23	CJK COMPATIBILITY IDEOGRAPH-FA23 *
F9C7	CJK COMPATIBILITY IDEOGRAPH-F9C7	FA24	CJK COMPATIBILITY IDEOGRAPH-FA24
F9C8	CJK COMPATIBILITY IDEOGRAPH-F9C8	FA25	CJK COMPATIBILITY IDEOGRAPH-FA25
F9C9	CJK COMPATIBILITY IDEOGRAPH-F9C9	FA26	CJK COMPATIBILITY IDEOGRAPH-FA26
F9CA	CJK COMPATIBILITY IDEOGRAPH-F9CA	FA27	CJK COMPATIBILITY IDEOGRAPH-FA27
F9CB	CJK COMPATIBILITY IDEOGRAPH-F9CB	FA28	CJK COMPATIBILITY IDEOGRAPH-FA28
F9CC	CJK COMPATIBILITY IDEOGRAPH-F9CC	FA29	CJK COMPATIBILITY IDEOGRAPH-FA29
F9CD	CJK COMPATIBILITY IDEOGRAPH-F9CD	FA2A	CJK COMPATIBILITY IDEOGRAPH-FA2A
F9CE	CJK COMPATIBILITY IDEOGRAPH-F9CE	FA2B	CJK COMPATIBILITY IDEOGRAPH-FA2B
F9CF	CJK COMPATIBILITY IDEOGRAPH-F9CF	FA2C	CJK COMPATIBILITY IDEOGRAPH-FA2C
F9D0	CJK COMPATIBILITY IDEOGRAPH-F9D0	FA2D	CJK COMPATIBILITY IDEOGRAPH-FA2D
F9D1	CJK COMPATIBILITY IDEOGRAPH-F9D1	FA2E	(This position shall not be used)
F9D2	CJK COMPATIBILITY IDEOGRAPH-F9D2	FA2F	(This position shall not be used)
F9D3	CJK COMPATIBILITY IDEOGRAPH-F9D3	FA30	CJK COMPATIBILITY IDEOGRAPH-FA30
F9D4	CJK COMPATIBILITY IDEOGRAPH-F9D4	FA31	CJK COMPATIBILITY IDEOGRAPH-FA31
F9D5	CJK COMPATIBILITY IDEOGRAPH-F9D5	FA32	CJK COMPATIBILITY IDEOGRAPH-FA32
F9D6	CJK COMPATIBILITY IDEOGRAPH-F9D6	FA33	CJK COMPATIBILITY IDEOGRAPH-FA33
F9D7	CJK COMPATIBILITY IDEOGRAPH-F9D7	FA34	CJK COMPATIBILITY IDEOGRAPH-FA34
F9D8	CJK COMPATIBILITY IDEOGRAPH-F9D8	FA35	CJK COMPATIBILITY IDEOGRAPH-FA35
F9D9	CJK COMPATIBILITY IDEOGRAPH-F9D9	FA36	CJK COMPATIBILITY IDEOGRAPH-FA36
F9DA	CJK COMPATIBILITY IDEOGRAPH-F9DA	FA37	CJK COMPATIBILITY IDEOGRAPH-FA37
F9DB	CJK COMPATIBILITY IDEOGRAPH-F9DB	FA38	CJK COMPATIBILITY IDEOGRAPH-FA38
F9DC	CJK COMPATIBILITY IDEOGRAPH-F9DC	FA39	CJK COMPATIBILITY IDEOGRAPH-FA39
F9DD	CJK COMPATIBILITY IDEOGRAPH-F9DD	FA3A	CJK COMPATIBILITY IDEOGRAPH-FA3A
F9DE	CJK COMPATIBILITY IDEOGRAPH-F9DE	FA3B	CJK COMPATIBILITY IDEOGRAPH-FA3B
F9DF	CJK COMPATIBILITY IDEOGRAPH-F9DF	FA3C	CJK COMPATIBILITY IDEOGRAPH-FA3C
F9E0	CJK COMPATIBILITY IDEOGRAPH-F9E0	FA3D	CJK COMPATIBILITY IDEOGRAPH-FA3D
F9E1	CJK COMPATIBILITY IDEOGRAPH-F9E1	FA3E	CJK COMPATIBILITY IDEOGRAPH-FA3E
F9E2	CJK COMPATIBILITY IDEOGRAPH-F9E2	FA3F	CJK COMPATIBILITY IDEOGRAPH-FA3F
F9E3	CJK COMPATIBILITY IDEOGRAPH-F9E3	FA40	CJK COMPATIBILITY IDEOGRAPH-FA40
F9E4	CJK COMPATIBILITY IDEOGRAPH-F9E4	FA41	CJK COMPATIBILITY IDEOGRAPH-FA41
F9E5	CJK COMPATIBILITY IDEOGRAPH-F9E5	FA42	CJK COMPATIBILITY IDEOGRAPH-FA42
F9E6	CJK COMPATIBILITY IDEOGRAPH-F9E6	FA43	CJK COMPATIBILITY IDEOGRAPH-FA43
F9E7	CJK COMPATIBILITY IDEOGRAPH-F9E7	FA44	CJK COMPATIBILITY IDEOGRAPH-FA44
F9E8	CJK COMPATIBILITY IDEOGRAPH-F9E8	FA45	CJK COMPATIBILITY IDEOGRAPH-FA45
F9E9	CJK COMPATIBILITY IDEOGRAPH-F9E9	FA46	CJK COMPATIBILITY IDEOGRAPH-FA46
F9EA	CJK COMPATIBILITY IDEOGRAPH-F9EA	FA47	CJK COMPATIBILITY IDEOGRAPH-FA47
F9EB	CJK COMPATIBILITY IDEOGRAPH-F9EB	FA48	CJK COMPATIBILITY IDEOGRAPH-FA48
F9EC	CJK COMPATIBILITY IDEOGRAPH-F9EC	FA49	CJK COMPATIBILITY IDEOGRAPH-FA49
F9ED	CJK COMPATIBILITY IDEOGRAPH-F9ED	FA4A	CJK COMPATIBILITY IDEOGRAPH-FA4A
F9EE	CJK COMPATIBILITY IDEOGRAPH-F9EE	FA4B	CJK COMPATIBILITY IDEOGRAPH-FA4B
F9EF	CJK COMPATIBILITY IDEOGRAPH-F9EF	FA4C	CJK COMPATIBILITY IDEOGRAPH-FA4C
F9F0	CJK COMPATIBILITY IDEOGRAPH-F9F0	FA4D	CJK COMPATIBILITY IDEOGRAPH-FA4D
F9F1	CJK COMPATIBILITY IDEOGRAPH-F9F1	FA4E	CJK COMPATIBILITY IDEOGRAPH-FA4E
F9F2	CJK COMPATIBILITY IDEOGRAPH-F9F2	FA4F	CJK COMPATIBILITY IDEOGRAPH-FA4F
F9F3	CJK COMPATIBILITY IDEOGRAPH-F9F3	FA50	CJK COMPATIBILITY IDEOGRAPH-FA50
F9F4	CJK COMPATIBILITY IDEOGRAPH-F9F4	FA51	CJK COMPATIBILITY IDEOGRAPH-FA51
F9F5	CJK COMPATIBILITY IDEOGRAPH-F9F5	FA52	CJK COMPATIBILITY IDEOGRAPH-FA52
F9F6	CJK COMPATIBILITY IDEOGRAPH-F9F6	FA53	CJK COMPATIBILITY IDEOGRAPH-FA53
F9F7	CJK COMPATIBILITY IDEOGRAPH-F9F7	FA54	CJK COMPATIBILITY IDEOGRAPH-FA54
F9F8	CJK COMPATIBILITY IDEOGRAPH-F9F8	FA55	CJK COMPATIBILITY IDEOGRAPH-FA55
F9F9	CJK COMPATIBILITY IDEOGRAPH-F9F9	FA56	CJK COMPATIBILITY IDEOGRAPH-FA56
F9FA	CJK COMPATIBILITY IDEOGRAPH-F9FA	FA57	CJK COMPATIBILITY IDEOGRAPH-FA57
F9FB	CJK COMPATIBILITY IDEOGRAPH-F9FB	FA58	CJK COMPATIBILITY IDEOGRAPH-FA58
F9FC	CJK COMPATIBILITY IDEOGRAPH-F9FC	FA59	CJK COMPATIBILITY IDEOGRAPH-FA59
F9FD	CJK COMPATIBILITY IDEOGRAPH-F9FD	FA5A	CJK COMPATIBILITY IDEOGRAPH-FA5A
F9FE	CJK COMPATIBILITY IDEOGRAPH-F9FE	FA5B	CJK COMPATIBILITY IDEOGRAPH-FA5B
F9FF	CJK COMPATIBILITY IDEOGRAPH-F9FF	FA5C	CJK COMPATIBILITY IDEOGRAPH-FA5C
FA00	CJK COMPATIBILITY IDEOGRAPH-FA00	FA5D	CJK COMPATIBILITY IDEOGRAPH-FA5D
FA01	CJK COMPATIBILITY IDEOGRAPH-FA01	FA5E	CJK COMPATIBILITY IDEOGRAPH-FA5E
FA02	CJK COMPATIBILITY IDEOGRAPH-FA02	FA5F	CJK COMPATIBILITY IDEOGRAPH-FA5F
FA03	CJK COMPATIBILITY IDEOGRAPH-FA03		
FA04	CJK COMPATIBILITY IDEOGRAPH-FA04		
FA05	CJK COMPATIBILITY IDEOGRAPH-FA05		
FA06	CJK COMPATIBILITY IDEOGRAPH-FA06		
FA07	CJK COMPATIBILITY IDEOGRAPH-FA07		
FA08	CJK COMPATIBILITY IDEOGRAPH-FA08		
FA09	CJK COMPATIBILITY IDEOGRAPH-FA09		
FA0A	CJK COMPATIBILITY IDEOGRAPH-FA0A		
FA0B	CJK COMPATIBILITY IDEOGRAPH-FA0B		
FA0C	CJK COMPATIBILITY IDEOGRAPH-FA0C		

Group 00

Plane 00

Row F9

Table 145 - 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

[illegible]

Row FA

Table 150 - Row FD: Arabic Presentation Forms-A

	FD6	FD7	FD8	FD9	FDA	FDB	FDC	FDD	FDE	FDF
0	ص	ص	ص		ص	ص	ص			ص
	FD60	FD70	FD80		FDA0	FDB0	FDC0	FDD0	FDE0	FDF0
1	ق	ق	ق		ق	ق	ق			ق
	FD61	FD71	FD81		FDA1	FDB1	FDC1	FDD1	FDE1	FDF1
2	ل	ل	ل	ل	ل	ل	ل			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	ع	ع	ع	ع	ع	ع	ع			ع
	FD64	FD74	FD84	FD94	FDA4	FDB4	FDC4	FDD4	FDE4	FDF4
5	ص	ص	ص	ص	ص	ص	ص			ص
	FD65	FD75	FD85	FD95	FDA5	FDB5	FDC5	FDD5	FDE5	FDF5
6	ر	ر	ر	ر	ر	ر	ر			ر
	FD66	FD76	FD86	FD96	FDA6	FDB6	FDC6	FDD6	FDE6	FDF6
7	ع	ع	ع	ع	ع	ع	ع			ع
	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	ﷺ	ﷺ	ﷺ	ﷺ	ﷺ	ﷺ				ﷺ
	FD6A	FD7A	FD8A	FD9A	FDAA	FDBA		FDDA	FDEA	FDFa
B	ﷻ	ﷻ	ﷻ	ﷻ	ﷻ	ﷻ				ﷻ
	FD6B	FD7B	FD8B	FD9B	FDAb	FDBb		FDDb	FDEb	FDFB
C	﷼	﷼	﷼	﷼	﷼	﷼				
	FD6C	FD7C	FD8C	FD9C	FDAc	FDBc		FDDc	FDEc	
D	﷽	﷽	﷽	﷽	﷽	﷽				
	FD6D	FD7D	FD8D	FD9D	FDAd	FDBd		FDDd	FDEd	
E	﷾	﷾	﷾	﷾	﷾	﷾				
	FD6E	FD7E	FD8E	FD9E	FDAe	FDBe		FDDe	FDEe	
F	﷿	﷿	﷿	﷿	﷿	﷿				
	FD6F	FD7F	FD8F	FD9F	FDAf	FDBf		FDDf	FDEf	

G = 00
P = 00

Table 150 - 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	FDCD	(This position shall not be used)
FD74	ARABIC LIGATURE TAH WITH MEEM WITH YEH FINAL FORM	FDD0	(This position is permanently reserved)
FD75	ARABIC LIGATURE AIN WITH JEEM WITH MEEM FINAL FORM	FDD1	(This position is permanently reserved)
FD76	ARABIC LIGATURE AIN WITH MEEM WITH MEEM FINAL FORM	FDD2	(This position is permanently reserved)
FD77	ARABIC LIGATURE AIN WITH MEEM WITH MEEM INITIAL FORM	FDD3	(This position is permanently reserved)
FD78	ARABIC LIGATURE AIN WITH MEEM WITH ALEF MAKSURA FINAL FORM	FDD4	(This position is permanently reserved)
FD79	ARABIC LIGATURE GHAIN WITH MEEM WITH MEEM FINAL FORM	FDD5	(This position is permanently reserved)
FD7A	ARABIC LIGATURE GHAIN WITH MEEM WITH YEH FINAL FORM	FDD6	(This position is permanently reserved)
FD7B	ARABIC LIGATURE GHAIN WITH MEEM WITH ALEF MAKSURA FINAL FORM	FDD7	(This position is permanently reserved)
FD7C	ARABIC LIGATURE FEH WITH KHAH WITH MEEM FINAL FORM	FDD8	(This position is permanently reserved)
FD7D	ARABIC LIGATURE FEH WITH KHAH WITH MEEM INITIAL FORM	FDD9	(This position is permanently reserved)
FD7E	ARABIC LIGATURE QAF WITH MEEM WITH HAH FINAL FORM	FDDA	(This position is permanently reserved)
FD7F	ARABIC LIGATURE QAF WITH MEEM WITH MEEM FINAL FORM	FDDB	(This position is permanently reserved)
FD80	ARABIC LIGATURE LAM WITH HAH WITH MEEM FINAL FORM	FDDC	(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	FDDC	(This position is permanently reserved)
FD83	ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD84	ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)
FD85	ARABIC LIGATURE LAM WITH KHAH WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)
FD86	ARABIC LIGATURE LAM WITH KHAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD87	ARABIC LIGATURE LAM WITH MEEM WITH HAH FINAL FORM	FDDC	(This position is permanently reserved)
FD88	ARABIC LIGATURE LAM WITH MEEM WITH HAH INITIAL FORM	FDDC	(This position is permanently reserved)
FD89	ARABIC LIGATURE MEEM WITH HAH WITH JEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD8A	ARABIC LIGATURE MEEM WITH HAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD8B	ARABIC LIGATURE MEEM WITH HAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FD8C	ARABIC LIGATURE MEEM WITH JEEM WITH HAH INITIAL FORM	FDDC	(This position is permanently reserved)
FD8D	ARABIC LIGATURE MEEM WITH JEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD8E	ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD8F	ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD90	(This position shall not be used)	FDDC	(This position is permanently reserved)
FD91	(This position shall not be used)	FDDC	(This position is permanently reserved)
FD92	ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INITIAL FORM	FDDC	(This position is permanently reserved)
FD93	ARABIC LIGATURE HEH WITH MEEM WITH JEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD94	ARABIC LIGATURE HEH WITH MEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD95	ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD96	ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FD97	ARABIC LIGATURE NOON WITH JEEM WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)
FD98	ARABIC LIGATURE NOON WITH JEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD99	ARABIC LIGATURE NOON WITH JEEM WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FD9A	ARABIC LIGATURE NOON WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FD9B	ARABIC LIGATURE NOON WITH MEEM WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FD9C	ARABIC LIGATURE YEH WITH MEEM WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)
FD9D	ARABIC LIGATURE YEH WITH MEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FD9E	ARABIC LIGATURE BEH WITH KHAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FD9F	ARABIC LIGATURE TEH WITH JEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDA0	ARABIC LIGATURE TEH WITH JEEM WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA1	ARABIC LIGATURE TEH WITH KHAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDA2	ARABIC LIGATURE TEH WITH KHAH WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA3	ARABIC LIGATURE TEH WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDA4	ARABIC LIGATURE TEH WITH MEEM WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA5	ARABIC LIGATURE JEEM WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDA6	ARABIC LIGATURE JEEM WITH HAH WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA7	ARABIC LIGATURE JEEM WITH MEEM WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA8	ARABIC LIGATURE SEEN WITH KHAH WITH ALEF MAKSURA FINAL FORM	FDDC	(This position is permanently reserved)
FDA9	ARABIC LIGATURE SAD WITH HAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDAA	ARABIC LIGATURE SHEEN WITH HAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDAB	ARABIC LIGATURE DAD WITH HAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDAC	ARABIC LIGATURE LAM WITH JEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDAE	ARABIC LIGATURE LAM WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDAF	ARABIC LIGATURE YEH WITH JEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB0	ARABIC LIGATURE YEH WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB1	ARABIC LIGATURE MEEM WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB2	ARABIC LIGATURE QAF WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB3	ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB4	ARABIC LIGATURE QAF WITH MEEM WITH HAH INITIAL FORM	FDDC	(This position is permanently reserved)
FDB5	ARABIC LIGATURE LAM WITH HAH WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FDB6	ARABIC LIGATURE AIN WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB7	ARABIC LIGATURE KAF WITH MEEM WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDB8	ARABIC LIGATURE NOON WITH JEEM WITH HAH INITIAL FORM	FDDC	(This position is permanently reserved)
FDB9	ARABIC LIGATURE MEEM WITH KHAH WITH YEH FINAL FORM	FDDC	(This position is permanently reserved)
FDBA	ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM	FDDC	(This position is permanently reserved)
FDBB	ARABIC LIGATURE KAF WITH MEEM WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)
FDBC	ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM	FDDC	(This position is permanently reserved)

Group 00

Plane 00

Row FD

Table 151 - Row FE: Variation Selectors

FE0	
0	VS1 FE00
1	
2	
3	
4	
5	
6	
7	
8	
9	
A	
B	
C	
D	
E	
F	

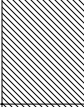
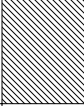
G = 00
P = 00

Table 151 - 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)		

Row FE

Table 153 - 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 153 - 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**

Table 155 - Row FE: Arabic Presentation Forms-B

	FE7	FE8	FE9	FEA	FEB	FEC	FED	FEE	FEF
0	ﻝ FE70	ﻋ FE80	ﺏ FE90	ﺝ FEA0	ﺯ FEB0	ﺯﻩ FEC0	ﻏ FED0	ﻝ FEE0	ﻱ FEF0
1	ﻝ FE71	آ FE81	ﺏ FE91	ﺡ FEA1	ﺱ FEB1	ط FEC1	ﻑ FED1	ﻡ FEE1	ﻱ FEF1
2	ﻝ FE72	آ FE82	ﺏ FE92	ﺡ FEA2	ﺱ FEB2	ط FEC2	ﻑ FED2	ﻡ FEE2	ﻱ FEF2
3	ﻝ FE73	أ FE83	ة FE93	ﺡ FEA3	ﺱ FEB3	ط FEC3	ﻑ FED3	ﻡ FEE3	ﻱ FEF3
4	ﻝ FE74	أ FE84	ة FE94	ﺡ FEA4	ﺱ FEB4	ط FEC4	ﻑ FED4	ﻡ FEE4	ﻱ FEF4
5		ؤ FE85	ﺕ FE95	ﺡ FEA5	ﺵ FEB5	ظ FEC5	ﻕ FED5	ﻥ FEE5	ﻻ FEF5
6	ﻝ FE76	ؤ FE86	ﺕ FE96	ﺡ FEA6	ﺵ FEB6	ظ FEC6	ﻕ FED6	ﻥ FEE6	ﻻ FEF6
7	ﻝ FE77	إ FE87	ﺕ FE97	ﺡ FEA7	ﺵ FEB7	ظ FEC7	ﻕ FED7	ﻥ FEE7	ﻻ FEF7
8	ﻝ FE78	إ FE88	ﺕ FE98	ﺡ FEA8	ﺵ FEB8	ظ FEC8	ﻕ FED8	ﻥ FEE8	ﻻ FEF8
9	ﻝ FE79	ئ FE89	ﺕ FE99	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
A	ﻝ FE7A	ئ FE8A	ﺕ FE9A	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
B	ﻝ FE7B	ﺀ FE8B	ﺕ FE9B	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
C	ﻝ FE7C	ﺀ FE8C	ﺕ FE9C	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
D	ﻝ FE7D	ﺀ FE8D	ﺕ FE9D	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
E	ﻝ FE7E	ﺀ FE8E	ﺕ FE9E	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9
F	ﻝ FE7F	ﺀ FE8F	ﺕ FE9F	ﺡ FEA9	ﺵ FEB9	ظ FEC9	ﻕ FED9	ﻥ FEE9	ﻻ FEF9

G = 00
P = 00

Table 155 - Row FE: Arabic Presentation Forms-B

HEX	NAME	HEX	NAME
FE70	ARABIC FATHATAN ISOLATED FORM	FECD	ARABIC LETTER GHAIN ISOLATED FORM
FE71	ARABIC TATWEEL WITH FATHATAN ABOVE	FECE	ARABIC LETTER GHAIN FINAL FORM
FE72	ARABIC DAMMATAN ISOLATED FORM	FECF	ARABIC LETTER GHAIN INITIAL FORM
FE73	ARABIC TAIL FRAGMENT	FED0	ARABIC LETTER GHAIN MEDIAL FORM
FE74	ARABIC KASRATAN ISOLATED FORM	FED1	ARABIC LETTER FEH ISOLATED FORM
FE75	(This position shall not be used)	FED2	ARABIC LETTER FEH FINAL FORM
FE76	ARABIC FATHA ISOLATED FORM	FED3	ARABIC LETTER FEH INITIAL FORM
FE77	ARABIC FATHA MEDIAL FORM	FED4	ARABIC LETTER FEH MEDIAL FORM
FE78	ARABIC DAMMA ISOLATED FORM	FED5	ARABIC LETTER QAF ISOLATED FORM
FE79	ARABIC DAMMA MEDIAL FORM	FED6	ARABIC LETTER QAF FINAL FORM
FE7A	ARABIC KASRA ISOLATED FORM	FED7	ARABIC LETTER QAF INITIAL FORM
FE7B	ARABIC KASRA MEDIAL FORM	FED8	ARABIC LETTER QAF MEDIAL FORM
FE7C	ARABIC SHADDA ISOLATED FORM	FED9	ARABIC LETTER KAF ISOLATED FORM
FE7D	ARABIC SHADDA MEDIAL FORM	FEDA	ARABIC LETTER KAF FINAL FORM
FE7E	ARABIC SUKUN ISOLATED FORM	FEDB	ARABIC LETTER KAF INITIAL FORM
FE7F	ARABIC SUKUN MEDIAL FORM	FEDC	ARABIC LETTER KAF MEDIAL FORM
FE80	ARABIC LETTER HAMZA ISOLATED FORM	FEDD	ARABIC LETTER LAM ISOLATED FORM
FE81	ARABIC LETTER ALEF WITH MADDA ABOVE ISOLATED FORM	FEDE	ARABIC LETTER LAM FINAL FORM
FE82	ARABIC LETTER ALEF WITH MADDA ABOVE FINAL FORM	FEDF	ARABIC LETTER LAM INITIAL FORM
FE83	ARABIC LETTER ALEF WITH HAMZA ABOVE ISOLATED FORM	FEEO	ARABIC LETTER LAM MEDIAL FORM
FE84	ARABIC LETTER ALEF WITH HAMZA ABOVE FINAL FORM	FEF1	ARABIC LETTER MEEM ISOLATED FORM
FE85	ARABIC LETTER WAW WITH HAMZA ABOVE ISOLATED FORM	FEF2	ARABIC LETTER MEEM FINAL FORM
FE86	ARABIC LETTER WAW WITH HAMZA ABOVE FINAL FORM	FEF3	ARABIC LETTER MEEM INITIAL FORM
FE87	ARABIC LETTER ALEF WITH HAMZA BELOW ISOLATED FORM	FEF4	ARABIC LETTER MEEM MEDIAL FORM
FE88	ARABIC LETTER ALEF WITH HAMZA BELOW FINAL FORM	FEF5	ARABIC LETTER NOON ISOLATED FORM
FE89	ARABIC LETTER YEH WITH HAMZA ABOVE ISOLATED FORM	FEF6	ARABIC LETTER NOON FINAL FORM
FE8A	ARABIC LETTER YEH WITH HAMZA ABOVE FINAL FORM	FEF7	ARABIC LETTER NOON INITIAL FORM
FE8B	ARABIC LETTER YEH WITH HAMZA ABOVE INITIAL FORM	FEF8	ARABIC LETTER NOON MEDIAL FORM
FE8C	ARABIC LETTER YEH WITH HAMZA ABOVE MEDIAL FORM	FEF9	ARABIC LETTER HEH ISOLATED FORM
FE8D	ARABIC LETTER ALEF ISOLATED FORM	FEFA	ARABIC LETTER HEH FINAL FORM
FE8E	ARABIC LETTER ALEF FINAL FORM	FEFB	ARABIC LETTER HEH INITIAL FORM
FE8F	ARABIC LETTER BEH ISOLATED FORM	FEFC	ARABIC LETTER HEH MEDIAL FORM
FE90	ARABIC LETTER BEH FINAL FORM	FEFD	ARABIC LETTER WAW ISOLATED FORM
FE91	ARABIC LETTER BEH INITIAL FORM	FEFE	ARABIC LETTER WAW FINAL FORM
FE92	ARABIC LETTER BEH MEDIAL FORM	FEFF	ARABIC LETTER ALEF MAKSURA ISOLATED FORM
FE93	ARABIC LETTER TEH MARBUTA ISOLATED FORM	FEF0	ARABIC LETTER ALEF MAKSURA FINAL FORM
FE94	ARABIC LETTER TEH MARBUTA FINAL FORM	FEF1	ARABIC LETTER YEH ISOLATED FORM
FE95	ARABIC LETTER TEH ISOLATED FORM	FEF2	ARABIC LETTER YEH FINAL FORM
FE96	ARABIC LETTER TEH FINAL FORM	FEF3	ARABIC LETTER YEH INITIAL FORM
FE97	ARABIC LETTER TEH INITIAL FORM	FEF4	ARABIC LETTER YEH MEDIAL FORM
FE98	ARABIC LETTER TEH MEDIAL FORM	FEF5	ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE ISOLATED FORM
FE99	ARABIC LETTER THEH ISOLATED FORM	FEF6	ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE FINAL FORM
FE9A	ARABIC LETTER THEH FINAL FORM	FEF7	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE ISOLATED FORM
FE9B	ARABIC LETTER THEH INITIAL FORM	FEF8	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE FINAL FORM
FE9C	ARABIC LETTER THEH MEDIAL FORM	FEF9	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW ISOLATED FORM
FE9D	ARABIC LETTER JEEM ISOLATED FORM	FEFA	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW FINAL FORM
FE9E	ARABIC LETTER JEEM FINAL FORM	FEFB	ARABIC LIGATURE LAM WITH ALEF ISOLATED FORM
FE9F	ARABIC LETTER JEEM INITIAL FORM	FEFC	ARABIC LIGATURE LAM WITH ALEF FINAL FORM
FEA0	ARABIC LETTER JEEM MEDIAL FORM	FEFD	(This position shall not be used)
FEA1	ARABIC LETTER HAH ISOLATED FORM	FEFE	(This position shall not be used)
FEA2	ARABIC LETTER HAH FINAL FORM	FEFF	ZERO WIDTH NO-BREAK SPACE
FEA3	ARABIC LETTER HAH INITIAL FORM		
FEA4	ARABIC LETTER HAH MEDIAL FORM		
FEA5	ARABIC LETTER KHAH ISOLATED FORM		
FEA6	ARABIC LETTER KHAH FINAL FORM		
FEA7	ARABIC LETTER KHAH INITIAL FORM		
FEA8	ARABIC LETTER KHAH MEDIAL FORM		
FEA9	ARABIC LETTER DAL ISOLATED FORM		
FEAA	ARABIC LETTER DAL FINAL FORM		
FEAB	ARABIC LETTER THAL ISOLATED FORM		
FEAC	ARABIC LETTER THAL FINAL FORM		
FEAD	ARABIC LETTER REH ISOLATED FORM		
FEAE	ARABIC LETTER REH FINAL FORM		
FEAF	ARABIC LETTER ZAIN ISOLATED FORM		
FEB0	ARABIC LETTER ZAIN FINAL FORM		
FEB1	ARABIC LETTER SEEN ISOLATED FORM		
FEB2	ARABIC LETTER SEEN FINAL FORM		
FEB3	ARABIC LETTER SEEN INITIAL FORM		
FEB4	ARABIC LETTER SEEN MEDIAL FORM		
FEB5	ARABIC LETTER SHEEN ISOLATED FORM		
FEB6	ARABIC LETTER SHEEN FINAL FORM		
FEB7	ARABIC LETTER SHEEN INITIAL FORM		
FEB8	ARABIC LETTER SHEEN MEDIAL FORM		
FEB9	ARABIC LETTER SAD ISOLATED FORM		
FEBA	ARABIC LETTER SAD FINAL FORM		
FEBB	ARABIC LETTER SAD INITIAL FORM		
FEBC	ARABIC LETTER SAD MEDIAL FORM		
FEBD	ARABIC LETTER DAD ISOLATED FORM		
FEBE	ARABIC LETTER DAD FINAL FORM		
FEBF	ARABIC LETTER DAD INITIAL FORM		
FEC0	ARABIC LETTER DAD MEDIAL FORM		
FEC1	ARABIC LETTER TAH ISOLATED FORM		
FEC2	ARABIC LETTER TAH FINAL FORM		
FEC3	ARABIC LETTER TAH INITIAL FORM		
FEC4	ARABIC LETTER TAH MEDIAL FORM		
FEC5	ARABIC LETTER ZAH ISOLATED FORM		
FEC6	ARABIC LETTER ZAH FINAL FORM		
FEC7	ARABIC LETTER ZAH INITIAL FORM		
FEC8	ARABIC LETTER ZAH MEDIAL FORM		
FEC9	ARABIC LETTER AIN ISOLATED FORM		
FECA	ARABIC LETTER AIN FINAL FORM		
FECB	ARABIC LETTER AIN INITIAL FORM		
FECC	ARABIC LETTER AIN MEDIAL FORM		

Group 00

Plane 00

Row FE

Table 157 - Row FF: Specials

FFF	
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	IAA FFF9
A	IAS FFFA
B	IAT FFFB
C	OBJ FFFC
D	? FFFD
E	FFFE
F	FFFF

G = 00
P = 00

Table 157 - Row FF: Specials

HEX	NAME	HEX	NAME
FFF0	(This position shall not be used)		
FFF1	(This position shall not be used)		
FFF2	(This position shall not be used)		
FFF3	(This position shall not be used)		
FFF4	(This position shall not be used)		
FFF5	(This position shall not be used)		
FFF6	(This position shall not be used)		
FFF7	(This position shall not be used)		
FFF8	(This position shall not be used)		
FFF9	INTERLINEAR ANNOTATION ANCHOR		
FFFA	INTERLINEAR ANNOTATION SEPARATOR		
FFFB	INTERLINEAR ANNOTATION TERMINATOR		
FFFC	OBJECT REPLACEMENT CHARACTER		
FFFD	REPLACEMENT CHARACTER		
FFFE	(This position is permanently reserved)		
FFFF	(This position is permanently reserved)		

Group 00

Plane 00

Row FF