

Unicode Characters

The tables shown in this document are derived from the ISO specifications for Unicode 3.2. The columns shown as Gen, Cmb, Bid and Map contain these terms:-

Gen: General Categories

Lu	Letter, Uppercase
Ll	Letter, Lowercase
Lt	Letter, Titlecase
Lm	Letter, Modifier
Lo	Letter, Other
Mn	Mark, Non-Spacing
Mc	Mark, Spacing Combining
Me	Mark, Enclosing
Nd	Number, Decimal Digit
Nl	Number, Letter
No	Number, Other
Pc	Punctuation, Connector
Pd	Punctuation, Dash
Ps	Punctuation, Open
Pe	Punctuation, Close
Pi	Punctuation, Initial quote (may behave like Ps or Pe depending on usage)
Pf	Punctuation, Final quote (may behave like Ps or Pe depending on usage)
Po	Punctuation, Other
Sm	Symbol, Math
Sc	Symbol, Currency
Sk	Symbol, Modifier
So	Symbol, Other
Zs	Separator, Space
Zl	Separator, Line
Zp	Separator, Paragraph
Cc	Other, Control
Cf	Other, Format
Cs	Other, Surrogate
Co	Other, Private Use

Cmb: Combining Class Description

0	Spacing, split, enclosing, reordrant, and Tibetan subjoined
1	Overlays and interior
7	Nuktas
8	Hiragana/Katakana voicing marks
9	Viramas
10	Start of fixed position classes
199	End of fixed position classes
200	Below left attached
202	Below attached
204	Below right attached
208	Left attached (reordrant around single base character)
210	Right attached
212	Above left attached
214	Above attached
216	Above right attached
218	Below left
220	Below
222	Below right
224	Left (reordrant around single base character)
226	Right
228	Above left
230	Above
232	Above right
233	Double below
234	Double above
240	Below (iota subscript)

Bid: Bidirectional Categories

L	Left-to-Right
LRE	Left-to-Right Embedding
LRO	Left-to-Right Override
R	Right-to-Left
AL	Right-to-Left Arabic
RLE	Right-to-Left Embedding
RLO	Right-to-Left Override
PDF	Pop Directional Format
EN	European Number
ES	European Number Separator
ET	European Number Terminator
AN	Arabic Number
CS	Common Number Separator
NSM	Non-Spacing Mark
BN	Boundary NeutrAL
B	Paragraph Separator
S	Segment Separator
WS	Whitespace
ON	Other Neutrals

Map: Mapping Categories

F	Font variant, such as blackletter
NB	None-breaking version of space or hyphen
I	Initial presentation form (Arabic)
M	Medial presentation form (Arabic)
F	Final presentation form (Arabic)
IS	Isolated presentation form (Arabic)
0	Encircled
+	Superscript

- Subscript
V Vertical layout presentation form
W Wide (or zenkaku) compatibility character
N Narrow (or hankaku) compatibility character
S Small variant form (CNS compatibility)
SQ CJK squared font variant
FR Vulgar fraction
C Otherwise unspecified compatibility character

The following general abbreviations are used in character descriptions, in addition to any special abbreviations that are shown above a table:-

L Left or leftwards
R Right or rightwards
Horiz Horizontal
Vert Vertical
Lig Ligature
w with
< Less-than
> Greater-than
= Equal

=====
Basic Latin (0000 to 007F)
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Hex	Character	Gen	Cmb	Bid	Map
0000	<Control>	Cc	0	BN	
0001	<Control>	Cc	0	BN	
0002	<Control>	Cc	0	BN	
0003	<Control>	Cc	0	BN	
0004	<Control>	Cc	0	BN	
0005	<Control>	Cc	0	BN	
0006	<Control>	Cc	0	BN	
0007	<Control>	Cc	0	BN	
0008	<Control>	Cc	0	BN	
0009	<Control>	Cc	0	S	
000a	<Control>	Cc	0	B	
000b	<Control>	Cc	0	S	
000c	<Control>	Cc	0	WS	
000d	<Control>	Cc	0	B	
000e	<Control>	Cc	0	BN	
000f	<Control>	Cc	0	BN	
0010	<Control>	Cc	0	BN	
0011	<Control>	Cc	0	BN	
0012	<Control>	Cc	0	BN	
0013	<Control>	Cc	0	BN	
0014	<Control>	Cc	0	BN	
0015	<Control>	Cc	0	BN	
0016	<Control>	Cc	0	BN	
0017	<Control>	Cc	0	BN	
0018	<Control>	Cc	0	BN	
0019	<Control>	Cc	0	BN	
001a	<Control>	Cc	0	BN	
001b	<Control>	Cc	0	BN	
001c	<Control>	Cc	0	B	
001d	<Control>	Cc	0	B	
001e	<Control>	Cc	0	B	
001f	<Control>	Cc	0	S	
0020	Space	Zs	0	WS	
0021	Exclamation Mark	Po	0	ON	
0022	Quotation Mark	Po	0	ON	
0023	Number Sign	Po	0	ET	
0024	Dollar Sign	Sc	0	ET	
0025	Percent Sign	Po	0	ET	
0026	Ampersand	Po	0	ON	
0027	Apostrophe	Po	0	ON	
0028	L Parenthesis	Ps	0	ON	
0029	R Parenthesis	Pe	0	ON	
002a	Asterisk	Po	0	ON	
002b	Plus Sign	Sm	0	ET	
002c	Comma	Po	0	CS	
002d	Hyphen-Minus	Pd	0	ET	
002e	Full Stop	Po	0	CS	
002f	Solidus	Po	0	ES	
0030	Digit Zero	Nd	0	EN	
0031	Digit One	Nd	0	EN	
0032	Digit Two	Nd	0	EN	
0033	Digit Three	Nd	0	EN	
0034	Digit Four	Nd	0	EN	
0035	Digit Five	Nd	0	EN	
0036	Digit Six	Nd	0	EN	
0037	Digit Seven	Nd	0	EN	
0038	Digit Eight	Nd	0	EN	
0039	Digit Nine	Nd	0	EN	
003a	Colon	Po	0	CS	
003b	Semicolon	Po	0	ON	
003c	< Sign	Sm	0	ON	
003d	= Sign	Sm	0	ON	
003e	>Sign	Sm	0	ON	
003f	Question Mark	Po	0	ON	
0040	Commercial At	Po	0	ON	
0041	Latin Capital Letter A	Lu	0	L	
0042	Latin Capital Letter B	Lu	0	L	

0043	Latin Capital Letter C	Lu	0	L
0044	Latin Capital Letter D	Lu	0	L
0045	Latin Capital Letter E	Lu	0	L
0046	Latin Capital Letter F	Lu	0	L
0047	Latin Capital Letter G	Lu	0	L
0048	Latin Capital Letter H	Lu	0	L
0049	Latin Capital Letter I	Lu	0	L
004a	Latin Capital Letter J	Lu	0	L
004b	Latin Capital Letter K	Lu	0	L
004c	Latin Capital Letter L	Lu	0	L
004d	Latin Capital Letter M	Lu	0	L
004e	Latin Capital Letter N	Lu	0	L
004f	Latin Capital Letter O	Lu	0	L
0050	Latin Capital Letter P	Lu	0	L
0051	Latin Capital Letter Q	Lu	0	L
0052	Latin Capital Letter R	Lu	0	L
0053	Latin Capital Letter S	Lu	0	L
0054	Latin Capital Letter T	Lu	0	L
0055	Latin Capital Letter U	Lu	0	L
0056	Latin Capital Letter V	Lu	0	L
0057	Latin Capital Letter W	Lu	0	L
0058	Latin Capital Letter X	Lu	0	L
0059	Latin Capital Letter Y	Lu	0	L
005a	Latin Capital Letter Z	Lu	0	L
005b	L Square Bracket	Ps	0	ON
005c	Reverse Solidus	Po	0	ON
005d	R Square Bracket	Pe	0	ON
005e	Circumflex Accent	Sk	0	ON
005f	Low Line	Pc	0	ON
0060	Grave Accent	Sk	0	ON
0061	Latin Small Letter A	Ll	0	L
0062	Latin Small Letter B	Ll	0	L
0063	Latin Small Letter C	Ll	0	L
0064	Latin Small Letter D	Ll	0	L
0065	Latin Small Letter E	Ll	0	L
0066	Latin Small Letter F	Ll	0	L
0067	Latin Small Letter G	Ll	0	L
0068	Latin Small Letter H	Ll	0	L
0069	Latin Small Letter I	Ll	0	L
006a	Latin Small Letter J	Ll	0	L
006b	Latin Small Letter K	Ll	0	L
006c	Latin Small Letter L	Ll	0	L
006d	Latin Small Letter M	Ll	0	L
006e	Latin Small Letter N	Ll	0	L
006f	Latin Small Letter O	Ll	0	L
0070	Latin Small Letter P	Ll	0	L
0071	Latin Small Letter Q	Ll	0	L
0072	Latin Small Letter R	Ll	0	L
0073	Latin Small Letter S	Ll	0	L
0074	Latin Small Letter T	Ll	0	L
0075	Latin Small Letter U	Ll	0	L
0076	Latin Small Letter V	Ll	0	L
0077	Latin Small Letter W	Ll	0	L
0078	Latin Small Letter X	Ll	0	L
0079	Latin Small Letter Y	Ll	0	L
007a	Latin Small Letter Z	Ll	0	L
007b	L Curly Bracket	Ps	0	ON
007c	Vert Line	Sm	0	ON
007d	R Curly Bracket	Pe	0	ON
007e	Tilde	Sm	0	ON
007f	<Control>	Cc	0	BN

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Latin-1 Supplement (0080 to 00FF)
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Hex	Character	Gen	Cmb	Bid	Map
0080	<Control>	Cc	0	BN	
0081	<Control>	Cc	0	BN	
0082	<Control>	Cc	0	BN	
0083	<Control>	Cc	0	BN	
0084	<Control>	Cc	0	BN	
0085	<Control>	Cc	0	B	
0086	<Control>	Cc	0	BN	
0087	<Control>	Cc	0	BN	
0088	<Control>	Cc	0	BN	
0089	<Control>	Cc	0	BN	
008a	<Control>	Cc	0	BN	
008b	<Control>	Cc	0	BN	
008c	<Control>	Cc	0	BN	
008d	<Control>	Cc	0	BN	
008e	<Control>	Cc	0	BN	
008f	<Control>	Cc	0	BN	
0090	<Control>	Cc	0	BN	
0091	<Control>	Cc	0	BN	
0092	<Control>	Cc	0	BN	
0093	<Control>	Cc	0	BN	
0094	<Control>	Cc	0	BN	
0095	<Control>	Cc	0	BN	
0096	<Control>	Cc	0	BN	
0097	<Control>	Cc	0	BN	
0098	<Control>	Cc	0	BN	
0099	<Control>	Cc	0	BN	
009a	<Control>	Cc	0	BN	
009b	<Control>	Cc	0	BN	
009c	<Control>	Cc	0	BN	

009d	<Control>	Cc	0	BN	
009e	<Control>	Cc	0	BN	
009f	<Control>	Cc	0	BN	
00a0	No-Break Space	Zs	0	CS	NB
00a1	Inverted Exclamation Mark	Po	0	ON	
00a2	Cent Sign	Sc	0	ET	
00a3	Pound Sign	Sc	0	ET	
00a4	Currency Sign	Sc	0	ET	
00a5	Yen Sign	Sc	0	ET	
00a6	Broken Bar	So	0	ON	
00a7	Section Sign	So	0	ON	
00a8	Diaeresis	Sk	0	ON	C
00a9	Copyright Sign	So	0	ON	
00aa	Feminine Ordinal Indicator	Ll	0	L	+
00ab	Left-Pointing Double Angle Quotation Mark	Pi	0	ON	
00ac	Not Sign	Sm	0	ON	
00ad	Soft Hyphen	Pd	0	ON	
00ae	Registered Sign	So	0	ON	
00af	Macron	Sk	0	ON	C
00b0	Degree Sign	So	0	ET	
00b1	Plus-Minus Sign	Sm	0	ET	
00b2	Superscript Two	No	0	EN	+
00b3	Superscript Three	No	0	EN	+
00b4	Acute Accent	Sk	0	ON	C
00b5	Micro Sign	Ll	0	L	C
00b6	Pilcrow Sign	So	0	ON	
00b7	Middle Dot	Po	0	ON	
00b8	Cedilla	Sk	0	ON	C
00b9	Superscript One	No	0	EN	+
00ba	Masculine Ordinal Indicator	Ll	0	L	+
00bb	Right-Pointing Double Angle Quotation Mark	Pf	0	ON	
00bc	Vulgar Fraction One Quarter	No	0	ON	FR
00bd	Vulgar Fraction One Half	No	0	ON	FR
00be	Vulgar Fraction Three Quarters	No	0	ON	FR
00bf	Inverted Question Mark	Po	0	ON	
00c0	Latin Capital Letter A w Grave	Lu	0	L	
00c1	Latin Capital Letter A w Acute	Lu	0	L	
00c2	Latin Capital Letter A w Circumflex	Lu	0	L	
00c3	Latin Capital Letter A w Tilde	Lu	0	L	
00c4	Latin Capital Letter A w Diaeresis	Lu	0	L	
00c5	Latin Capital Letter A w Ring Above	Lu	0	L	
00c6	Latin Capital Letter Ae	Lu	0	L	
00c7	Latin Capital Letter C w Cedilla	Lu	0	L	
00c8	Latin Capital Letter E w Grave	Lu	0	L	
00c9	Latin Capital Letter E w Acute	Lu	0	L	
00ca	Latin Capital Letter E w Circumflex	Lu	0	L	
00cb	Latin Capital Letter E w Diaeresis	Lu	0	L	
00cc	Latin Capital Letter I w Grave	Lu	0	L	
00cd	Latin Capital Letter I w Acute	Lu	0	L	
00ce	Latin Capital Letter I w Circumflex	Lu	0	L	
00cf	Latin Capital Letter I w Diaeresis	Lu	0	L	
00d0	Latin Capital Letter Eth	Lu	0	L	
00d1	Latin Capital Letter N w Tilde	Lu	0	L	
00d2	Latin Capital Letter O w Grave	Lu	0	L	
00d3	Latin Capital Letter O w Acute	Lu	0	L	
00d4	Latin Capital Letter O w Circumflex	Lu	0	L	
00d5	Latin Capital Letter O w Tilde	Lu	0	L	
00d6	Latin Capital Letter O w Diaeresis	Lu	0	L	
00d7	Multiplication Sign	Sm	0	ON	
00d8	Latin Capital Letter O w Stroke	Lu	0	L	
00d9	Latin Capital Letter U w Grave	Lu	0	L	
00da	Latin Capital Letter U w Acute	Lu	0	L	
00db	Latin Capital Letter U w Circumflex	Lu	0	L	
00dc	Latin Capital Letter U w Diaeresis	Lu	0	L	
00dd	Latin Capital Letter Y w Acute	Lu	0	L	
00de	Latin Capital Letter Thorn	Lu	0	L	
00df	Latin Small Letter Sharp S	Ll	0	L	
00e0	Latin Small Letter A w Grave	Ll	0	L	
00e1	Latin Small Letter A w Acute	Ll	0	L	
00e2	Latin Small Letter A w Circumflex	Ll	0	L	
00e3	Latin Small Letter A w Tilde	Ll	0	L	
00e4	Latin Small Letter A w Diaeresis	Ll	0	L	
00e5	Latin Small Letter A w Ring Above	Ll	0	L	
00e6	Latin Small Letter Ae	Ll	0	L	
00e7	Latin Small Letter C w Cedilla	Ll	0	L	
00e8	Latin Small Letter E w Grave	Ll	0	L	
00e9	Latin Small Letter E w Acute	Ll	0	L	
00ea	Latin Small Letter E w Circumflex	Ll	0	L	
00eb	Latin Small Letter E w Diaeresis	Ll	0	L	
00ec	Latin Small Letter I w Grave	Ll	0	L	
00ed	Latin Small Letter I w Acute	Ll	0	L	
00ee	Latin Small Letter I w Circumflex	Ll	0	L	
00ef	Latin Small Letter I w Diaeresis	Ll	0	L	
00f0	Latin Small Letter Eth	Ll	0	L	
00f1	Latin Small Letter N w Tilde	Ll	0	L	
00f2	Latin Small Letter O w Grave	Ll	0	L	
00f3	Latin Small Letter O w Acute	Ll	0	L	
00f4	Latin Small Letter O w Circumflex	Ll	0	L	
00f5	Latin Small Letter O w Tilde	Ll	0	L	
00f6	Latin Small Letter O w Diaeresis	Ll	0	L	
00f7	Division Sign	Sm	0	ON	
00f8	Latin Small Letter O w Stroke	Ll	0	L	
00f9	Latin Small Letter U w Grave	Ll	0	L	
00fa	Latin Small Letter U w Acute	Ll	0	L	
00fb	Latin Small Letter U w Circumflex	Ll	0	L	
00fc	Latin Small Letter U w Diaeresis	Ll	0	L	
00fd	Latin Small Letter Y w Acute	Ll	0	L	
00fe	Latin Small Letter Thorn	Ll	0	L	
00ff	Latin Small Letter Y w Diaeresis	Ll	0	L	

Hex	Character	Gen	Cmb	Bid	Map
0100	Latin Capital Letter A w Macron	Lu	0	L	
0101	Latin Small Letter A w Macron	Ll	0	L	
0102	Latin Capital Letter A w Breve	Lu	0	L	
0103	Latin Small Letter A w Breve	Ll	0	L	
0104	Latin Capital Letter A w Ogonek	Lu	0	L	
0105	Latin Small Letter A w Ogonek	Ll	0	L	
0106	Latin Capital Letter C w Acute	Lu	0	L	
0107	Latin Small Letter C w Acute	Ll	0	L	
0108	Latin Capital Letter C w Circumflex	Lu	0	L	
0109	Latin Small Letter C w Circumflex	Ll	0	L	
010a	Latin Capital Letter C w Dot Above	Lu	0	L	
010b	Latin Small Letter C w Dot Above	Ll	0	L	
010c	Latin Capital Letter C w Caron	Lu	0	L	
010d	Latin Small Letter C w Caron	Ll	0	L	
010e	Latin Capital Letter D w Caron	Lu	0	L	
010f	Latin Small Letter D w Caron	Ll	0	L	
0110	Latin Capital Letter D w Stroke	Lu	0	L	
0111	Latin Small Letter D w Stroke	Ll	0	L	
0112	Latin Capital Letter E w Macron	Lu	0	L	
0113	Latin Small Letter E w Macron	Ll	0	L	
0114	Latin Capital Letter E w Breve	Lu	0	L	
0115	Latin Small Letter E w Breve	Ll	0	L	
0116	Latin Capital Letter E w Dot Above	Lu	0	L	
0117	Latin Small Letter E w Dot Above	Ll	0	L	
0118	Latin Capital Letter E w Ogonek	Lu	0	L	
0119	Latin Small Letter E w Ogonek	Ll	0	L	
011a	Latin Capital Letter E w Caron	Lu	0	L	
011b	Latin Small Letter E w Caron	Ll	0	L	
011c	Latin Capital Letter G w Circumflex	Lu	0	L	
011d	Latin Small Letter G w Circumflex	Ll	0	L	
011e	Latin Capital Letter G w Breve	Lu	0	L	
011f	Latin Small Letter G w Breve	Ll	0	L	
0120	Latin Capital Letter G w Dot Above	Lu	0	L	
0121	Latin Small Letter G w Dot Above	Ll	0	L	
0122	Latin Capital Letter G w Cedilla	Lu	0	L	
0123	Latin Small Letter G w Cedilla	Ll	0	L	
0124	Latin Capital Letter H w Circumflex	Lu	0	L	
0125	Latin Small Letter H w Circumflex	Ll	0	L	
0126	Latin Capital Letter H w Stroke	Lu	0	L	
0127	Latin Small Letter H w Stroke	Ll	0	L	
0128	Latin Capital Letter I w Tilde	Lu	0	L	
0129	Latin Small Letter I w Tilde	Ll	0	L	
012a	Latin Capital Letter I w Macron	Lu	0	L	
012b	Latin Small Letter I w Macron	Ll	0	L	
012c	Latin Capital Letter I w Breve	Lu	0	L	
012d	Latin Small Letter I w Breve	Ll	0	L	
012e	Latin Capital Letter I w Ogonek	Lu	0	L	
012f	Latin Small Letter I w Ogonek	Ll	0	L	
0130	Latin Capital Letter I w Dot Above	Lu	0	L	
0131	Latin Small Letter Dotless I	Ll	0	L	
0132	Latin Capital Lig Ij	Lu	0	L	C
0133	Latin Small Lig Ij	Ll	0	L	C
0134	Latin Capital Letter J w Circumflex	Lu	0	L	
0135	Latin Small Letter J w Circumflex	Ll	0	L	
0136	Latin Capital Letter K w Cedilla	Lu	0	L	
0137	Latin Small Letter K w Cedilla	Ll	0	L	
0138	Latin Small Letter Kra	Ll	0	L	
0139	Latin Capital Letter L w Acute	Lu	0	L	
013a	Latin Small Letter L w Acute	Ll	0	L	
013b	Latin Capital Letter L w Cedilla	Lu	0	L	
013c	Latin Small Letter L w Cedilla	Ll	0	L	
013d	Latin Capital Letter L w Caron	Lu	0	L	
013e	Latin Small Letter L w Caron	Ll	0	L	
013f	Latin Capital Letter L w Middle Dot	Lu	0	L	C
0140	Latin Small Letter L w Middle Dot	Ll	0	L	C
0141	Latin Capital Letter L w Stroke	Lu	0	L	
0142	Latin Small Letter L w Stroke	Ll	0	L	
0143	Latin Capital Letter N w Acute	Lu	0	L	
0144	Latin Small Letter N w Acute	Ll	0	L	
0145	Latin Capital Letter N w Cedilla	Lu	0	L	
0146	Latin Small Letter N w Cedilla	Ll	0	L	
0147	Latin Capital Letter N w Caron	Lu	0	L	
0148	Latin Small Letter N w Caron	Ll	0	L	
0149	Latin Small Letter N Preceded by Apostrophe	Ll	0	L	C
014a	Latin Capital Letter Eng	Lu	0	L	
014b	Latin Small Letter Eng	Ll	0	L	
014c	Latin Capital Letter O w Macron	Lu	0	L	
014d	Latin Small Letter O w Macron	Ll	0	L	
014e	Latin Capital Letter O w Breve	Lu	0	L	
014f	Latin Small Letter O w Breve	Ll	0	L	
0150	Latin Capital Letter O w Double Acute	Lu	0	L	
0151	Latin Small Letter O w Double Acute	Ll	0	L	
0152	Latin Capital Lig Oe	Lu	0	L	
0153	Latin Small Lig Oe	Ll	0	L	
0154	Latin Capital Letter R w Acute	Lu	0	L	
0155	Latin Small Letter R w Acute	Ll	0	L	
0156	Latin Capital Letter R w Cedilla	Lu	0	L	
0157	Latin Small Letter R w Cedilla	Ll	0	L	
0158	Latin Capital Letter R w Caron	Lu	0	L	
0159	Latin Small Letter R w Caron	Ll	0	L	
015a	Latin Capital Letter S w Acute	Lu	0	L	
015b	Latin Small Letter S w Acute	Ll	0	L	
015c	Latin Capital Letter S w Circumflex	Lu	0	L	
015d	Latin Small Letter S w Circumflex	Ll	0	L	
015e	Latin Capital Letter S w Cedilla	Lu	0	L	
015f	Latin Small Letter S w Cedilla	Ll	0	L	
0160	Latin Capital Letter S w Caron	Lu	0	L	
0161	Latin Small Letter S w Caron	Ll	0	L	
0162	Latin Capital Letter T w Cedilla	Lu	0	L	
0163	Latin Small Letter T w Cedilla	Ll	0	L	

0164	Latin Capital Letter T w Caron	Lu	0	L
0165	Latin Small Letter T w Caron	Ll	0	L
0166	Latin Capital Letter T w Stroke	Lu	0	L
0167	Latin Small Letter T w Stroke	Ll	0	L
0168	Latin Capital Letter U w Tilde	Lu	0	L
0169	Latin Small Letter U w Tilde	Ll	0	L
016a	Latin Capital Letter U w Macron	Lu	0	L
016b	Latin Small Letter U w Macron	Ll	0	L
016c	Latin Capital Letter U w Breve	Lu	0	L
016d	Latin Small Letter U w Breve	Ll	0	L
016e	Latin Capital Letter U w Ring Above	Lu	0	L
016f	Latin Small Letter U w Ring Above	Ll	0	L
0170	Latin Capital Letter U w Double Acute	Lu	0	L
0171	Latin Small Letter U w Double Acute	Ll	0	L
0172	Latin Capital Letter U w Ogonek	Lu	0	L
0173	Latin Small Letter U w Ogonek	Ll	0	L
0174	Latin Capital Letter w W Circumflex	Lu	0	L
0175	Latin Small Letter w W Circumflex	Ll	0	L
0176	Latin Capital Letter Y w Circumflex	Lu	0	L
0177	Latin Small Letter Y w Circumflex	Ll	0	L
0178	Latin Capital Letter Y w Diaeresis	Lu	0	L
0179	Latin Capital Letter Z w Acute	Lu	0	L
017a	Latin Small Letter Z w Acute	Ll	0	L
017b	Latin Capital Letter Z w Dot Above	Lu	0	L
017c	Latin Small Letter Z w Dot Above	Ll	0	L
017d	Latin Capital Letter Z w Caron	Lu	0	L
017e	Latin Small Letter Z w Caron	Ll	0	L
017f	Latin Small Letter Long S	Ll	0	L

C

=====
Latin Extended-B (0180 to 024F)
=====

Hex	Character	Gen	Cmb	Bid	Map
0180	Latin Small Letter B w Stroke	Ll	0	L	
0181	Latin Capital Letter B w Hook	Lu	0	L	
0182	Latin Capital Letter B w Topbar	Lu	0	L	
0183	Latin Small Letter B w Topbar	Ll	0	L	
0184	Latin Capital Letter Tone Six	Lu	0	L	
0185	Latin Small Letter Tone Six	Ll	0	L	
0186	Latin Capital Letter Open O	Lu	0	L	
0187	Latin Capital Letter C w Hook	Lu	0	L	
0188	Latin Small Letter C w Hook	Ll	0	L	
0189	Latin Capital Letter African D	Lu	0	L	
018a	Latin Capital Letter D w Hook	Lu	0	L	
018b	Latin Capital Letter D w Topbar	Lu	0	L	
018c	Latin Small Letter D w Topbar	Ll	0	L	
018d	Latin Small Letter Turned Delta	Ll	0	L	
018e	Latin Capital Letter Reversed E	Lu	0	L	
018f	Latin Capital Letter Schwa	Lu	0	L	
0190	Latin Capital Letter Open E	Lu	0	L	
0191	Latin Capital Letter F w Hook	Lu	0	L	
0192	Latin Small Letter F w Hook	Ll	0	L	
0193	Latin Capital Letter G w Hook	Lu	0	L	
0194	Latin Capital Letter Gamma	Lu	0	L	
0195	Latin Small Letter Hv	Ll	0	L	
0196	Latin Capital Letter Iota	Lu	0	L	
0197	Latin Capital Letter I w Stroke	Lu	0	L	
0198	Latin Capital Letter K w Hook	Lu	0	L	
0199	Latin Small Letter K w Hook	Ll	0	L	
019a	Latin Small Letter L w Bar	Ll	0	L	
019b	Latin Small Letter Lambda w Stroke	Ll	0	L	
019c	Latin Capital Letter Turned M	Lu	0	L	
019d	Latin Capital Letter N w L Hook	Lu	0	L	
019e	Latin Small Letter N w Long R Leg	Ll	0	L	
019f	Latin Capital Letter O w Middle Tilde	Lu	0	L	
01a0	Latin Capital Letter O w Horn	Lu	0	L	
01a1	Latin Small Letter O w Horn	Ll	0	L	
01a2	Latin Capital Letter Oi	Lu	0	L	
01a3	Latin Small Letter Oi	Ll	0	L	
01a4	Latin Capital Letter P w Hook	Lu	0	L	
01a5	Latin Small Letter P w Hook	Ll	0	L	
01a6	Latin Letter Yr	Lu	0	L	
01a7	Latin Capital Letter Tone Two	Lu	0	L	
01a8	Latin Small Letter Tone Two	Ll	0	L	
01a9	Latin Capital Letter Esh	Lu	0	L	
01aa	Latin Letter Reversed Esh Loop	Ll	0	L	
01ab	Latin Small Letter T w Palatal Hook	Ll	0	L	
01ac	Latin Capital Letter T w Hook	Lu	0	L	
01ad	Latin Small Letter T w Hook	Ll	0	L	
01ae	Latin Capital Letter T w Retroflex Hook	Lu	0	L	
01af	Latin Capital Letter U w Horn	Lu	0	L	
01b0	Latin Small Letter U w Horn	Ll	0	L	
01b1	Latin Capital Letter Upsilon	Lu	0	L	
01b2	Latin Capital Letter V w Hook	Lu	0	L	
01b3	Latin Capital Letter Y w Hook	Lu	0	L	
01b4	Latin Small Letter Y w Hook	Ll	0	L	
01b5	Latin Capital Letter Z w Stroke	Lu	0	L	
01b6	Latin Small Letter Z w Stroke	Ll	0	L	
01b7	Latin Capital Letter Ezh	Lu	0	L	
01b8	Latin Capital Letter Ezh Reversed	Lu	0	L	
01b9	Latin Small Letter Ezh Reversed	Ll	0	L	
01ba	Latin Small Letter Ezh w Tail	Ll	0	L	
01bb	Latin Letter Two w Stroke	Lo	0	L	
01bc	Latin Capital Letter Tone Five	Lu	0	L	
01bd	Latin Small Letter Tone Five	Ll	0	L	
01be	Latin Letter Inverted Glottal Stop w Stroke	Ll	0	L	
01bf	Latin Letter Wynn	Ll	0	L	
01c0	Latin Letter Dental Click	Lo	0	L	
01c1	Latin Letter Lateral Click	Lo	0	L	
01c2	Latin Letter Alveolar Click	Lo	0	L	
01c3	Latin Letter Retroflex Click	Lo	0	L	

01c4	Latin Capital Letter Dz w Caron	Lu	0	L	C
01c5	Latin Capital Letter D w Small Letter Z w Caron	Lt	0	L	C
01c6	Latin Small Letter Dz w Caron	Ll	0	L	C
01c7	Latin Capital Letter Lj	Lu	0	L	C
01c8	Latin Capital Letter L w Small Letter J	Lt	0	L	C
01c9	Latin Small Letter Lj	Ll	0	L	C
01ca	Latin Capital Letter Nj	Lu	0	L	C
01cb	Latin Capital Letter N w Small Letter J	Lt	0	L	C
01cc	Latin Small Letter Nj	Ll	0	L	C
01cd	Latin Capital Letter A w Caron	Lu	0	L	
01ce	Latin Small Letter A w Caron	Ll	0	L	
01cf	Latin Capital Letter I w Caron	Lu	0	L	
01d0	Latin Small Letter I w Caron	Ll	0	L	
01d1	Latin Capital Letter O w Caron	Lu	0	L	
01d2	Latin Small Letter O w Caron	Ll	0	L	
01d3	Latin Capital Letter U w Caron	Lu	0	L	
01d4	Latin Small Letter U w Caron	Ll	0	L	
01d5	Latin Capital Letter U w Diaeresis & Macron	Lu	0	L	
01d6	Latin Small Letter U w Diaeresis & Macron	Ll	0	L	
01d7	Latin Capital Letter U w Diaeresis and Acute	Lu	0	L	
01d8	Latin Small Letter U w Diaeresis & Acute	Ll	0	L	
01d9	Latin Capital Letter U w Diaeresis & Caron	Lu	0	L	
01da	Latin Small Letter U w Diaeresis & Caron	Ll	0	L	
01db	Latin Capital Letter U w Diaeresis & Grave	Lu	0	L	
01dc	Latin Small Letter U w Diaeresis & Grave	Ll	0	L	
01dd	Latin Small Letter Turned E	Ll	0	L	
01de	Latin Capital Letter A w Diaeresis and Macron	Lu	0	L	
01df	Latin Small Letter A w Diaeresis and Macron	Ll	0	L	
01e0	Latin Capital Letter A w Dot above & Macron	Lu	0	L	
01e1	Latin Small Letter A w Dot above & Macron	Ll	0	L	
01e2	Latin Capital Letter Ae w Macron	Lu	0	L	
01e3	Latin Small Letter Ae w Macron	Ll	0	L	
01e4	Latin Capital Letter G w Stroke	Lu	0	L	
01e5	Latin Small Letter G w Stroke	Ll	0	L	
01e6	Latin Capital Letter G w Caron	Lu	0	L	
01e7	Latin Small Letter G w Caron	Ll	0	L	
01e8	Latin Capital Letter K w Caron	Lu	0	L	
01e9	Latin Small Letter K w Caron	Ll	0	L	
01ea	Latin Capital Letter O w Ogonek	Lu	0	L	
01eb	Latin Small Letter O w Ogonek	Ll	0	L	
01ec	Latin Capital Letter O w Ogonek & Macron	Lu	0	L	
01ed	Latin Small Letter O w Ogonek & Macron	Ll	0	L	
01ee	Latin Capital Letter Ezh w Caron	Lu	0	L	
01ef	Latin Small Letter Ezh w Caron	Ll	0	L	
01f0	Latin Small Letter J w Caron	Ll	0	L	
01f1	Latin Capital Letter Dz	Lu	0	L	C
01f2	Latin Capital Letter D w Small Letter Z	Lt	0	L	C
01f3	Latin Small Letter Dz	Ll	0	L	C
01f4	Latin Capital Letter G w Acute	Lu	0	L	
01f5	Latin Small Letter G w Acute	Ll	0	L	
01f6	Latin Capital Letter Hwair	Lu	0	L	
01f7	Latin Capital Letter Wynn	Lu	0	L	
01f8	Latin Capital Letter N w Grave	Lu	0	L	
01f9	Latin Small Letter N w Grave	Ll	0	L	
01fa	Latin Capital Letter A w Ring above & Acute	Lu	0	L	
01fb	Latin Small Letter A w Ring above & Acute	Ll	0	L	
01fc	Latin Capital Letter Ae w Acute	Lu	0	L	
01fd	Latin Small Letter Ae w Acute	Ll	0	L	
01fe	Latin Capital Letter O w Stroke & Acute	Lu	0	L	
01ff	Latin Small Letter O w Stroke & Acute	Ll	0	L	
0200	Latin Capital Letter A w Double Grave	Lu	0	L	
0201	Latin Small Letter A w Double Grave	Ll	0	L	
0202	Latin Capital Letter A w Inverted Breve	Lu	0	L	
0203	Latin Small Letter A w Inverted Breve	Ll	0	L	
0204	Latin Capital Letter E w Double Grave	Lu	0	L	
0205	Latin Small Letter E w Double Grave	Ll	0	L	
0206	Latin Capital Letter E w Inverted Breve	Lu	0	L	
0207	Latin Small Letter E w Inverted Breve	Ll	0	L	
0208	Latin Capital Letter I w Double Grave	Lu	0	L	
0209	Latin Small Letter I w Double Grave	Ll	0	L	
020a	Latin Capital Letter I w Inverted Breve	Lu	0	L	
020b	Latin Small Letter I w Inverted Breve	Ll	0	L	
020c	Latin Capital Letter O w Double Grave	Lu	0	L	
020d	Latin Small Letter O w Double Grave	Ll	0	L	
020e	Latin Capital Letter O w Inverted Breve	Lu	0	L	
020f	Latin Small Letter O w Inverted Breve	Ll	0	L	
0210	Latin Capital Letter R w Double Grave	Lu	0	L	
0211	Latin Small Letter R w Double Grave	Ll	0	L	
0212	Latin Capital Letter R w Inverted Breve	Lu	0	L	
0213	Latin Small Letter R w Inverted Breve	Ll	0	L	
0214	Latin Capital Letter U w Double Grave	Lu	0	L	
0215	Latin Small Letter U w Double Grave	Ll	0	L	
0216	Latin Capital Letter U w Inverted Breve	Lu	0	L	
0217	Latin Small Letter U w Inverted Breve	Ll	0	L	
0218	Latin Capital Letter S w Comma Below	Lu	0	L	
0219	Latin Small Letter S w Comma Below	Ll	0	L	
021a	Latin Capital Letter T w Comma Below	Lu	0	L	
021b	Latin Small Letter T w Comma Below	Ll	0	L	
021c	Latin Capital Letter Yogh	Lu	0	L	
021d	Latin Small Letter Yogh	Ll	0	L	
021e	Latin Capital Letter H w Caron	Lu	0	L	
021f	Latin Small Letter H w Caron	Ll	0	L	
0220	Latin Capital Letter N w Long R Leg	Lu	0	L	
0222	Latin Capital Letter Ou	Lu	0	L	
0223	Latin Small Letter Ou	Ll	0	L	
0224	Latin Capital Letter Z w Hook	Lu	0	L	
0225	Latin Small Letter Z w Hook	Ll	0	L	
0226	Latin Capital Letter A w Dot Above	Lu	0	L	
0227	Latin Small Letter A w Dot Above	Ll	0	L	
0228	Latin Capital Letter E w Cedilla	Lu	0	L	
0229	Latin Small Letter E w Cedilla	Ll	0	L	

022a	Latin Capital Letter O w Diaeresis & Macron	Lu	0	L
022b	Latin Small Letter O w Diaeresis & Macron	Ll	0	L
022c	Latin Capital Letter O w Tilde & Macron	Lu	0	L
022d	Latin Small Letter O w Tilde & Macron	Ll	0	L
022e	Latin Capital Letter O w Dot Above	Lu	0	L
022f	Latin Small Letter O w Dot Above	Ll	0	L
0230	Latin Capital Letter O w Dot above & Macron	Lu	0	L
0231	Latin Small Letter O w Dot above & Macron	Ll	0	L
0232	Latin Capital Letter Y w Macron	Lu	0	L
0233	Latin Small Letter Y w Macron	Ll	0	L

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IPA Extensions (0250 to 02AF)
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Hex	Character	Gen	Cmb	Bid	Map
0250	Latin Small Letter Turned A	Ll	0	L	
0251	Latin Small Letter Alpha	Ll	0	L	
0252	Latin Small Letter Turned Alpha	Ll	0	L	
0253	Latin Small Letter B w Hook	Ll	0	L	
0254	Latin Small Letter Open O	Ll	0	L	
0255	Latin Small Letter C w Curl	Ll	0	L	
0256	Latin Small Letter D w Tail	Ll	0	L	
0257	Latin Small Letter D w Hook	Ll	0	L	
0258	Latin Small Letter Reversed E	Ll	0	L	
0259	Latin Small Letter Schwa	Ll	0	L	
025a	Latin Small Letter Schwa w Hook	Ll	0	L	
025b	Latin Small Letter Open E	Ll	0	L	
025c	Latin Small Letter Reversed Open E	Ll	0	L	
025d	Latin Small Letter Reversed Open E w Hook	Ll	0	L	
025e	Latin Small Letter Closed Reversed Open E	Ll	0	L	
025f	Latin Small Letter Dotless J w Stroke	Ll	0	L	
0260	Latin Small Letter G w Hook	Ll	0	L	
0261	Latin Small Letter Script G	Ll	0	L	
0262	Latin Letter Small Capital G	Ll	0	L	
0263	Latin Small Letter Gamma	Ll	0	L	
0264	Latin Small Letter Rams Horn	Ll	0	L	
0265	Latin Small Letter Turned H	Ll	0	L	
0266	Latin Small Letter H w Hook	Ll	0	L	
0267	Latin Small Letter Heng w Hook	Ll	0	L	
0268	Latin Small Letter I w Stroke	Ll	0	L	
0269	Latin Small Letter Iota	Ll	0	L	
026a	Latin Letter Small Capital I	Ll	0	L	
026b	Latin Small Letter L w Middle Tilde	Ll	0	L	
026c	Latin Small Letter L w Belt	Ll	0	L	
026d	Latin Small Letter L w Retroflex Hook	Ll	0	L	
026e	Latin Small Letter Lezh	Ll	0	L	
026f	Latin Small Letter Turned M	Ll	0	L	
0270	Latin Small Letter Turned M w Long Leg	Ll	0	L	
0271	Latin Small Letter M w Hook	Ll	0	L	
0272	Latin Small Letter N w L Hook	Ll	0	L	
0273	Latin Small Letter N w Retroflex Hook	Ll	0	L	
0274	Latin Letter Small Capital N	Ll	0	L	
0275	Latin Small Letter Barred O	Ll	0	L	
0276	Latin Letter Small Capital Oe	Ll	0	L	
0277	Latin Small Letter Closed Omega	Ll	0	L	
0278	Latin Small Letter Phi	Ll	0	L	
0279	Latin Small Letter Turned R	Ll	0	L	
027a	Latin Small Letter Turned R w Long Leg	Ll	0	L	
027b	Latin Small Letter Turned R w Hook	Ll	0	L	
027c	Latin Small Letter R w Long Leg	Ll	0	L	
027d	Latin Small Letter R w Tail	Ll	0	L	
027e	Latin Small Letter R w Fishhook	Ll	0	L	
027f	Latin Small Letter Reversed R w Fishhook	Ll	0	L	
0280	Latin Letter Small Capital R	Ll	0	L	
0281	Latin Letter Small Capital Inverted R	Ll	0	L	
0282	Latin Small Letter S w Hook	Ll	0	L	
0283	Latin Small Letter Esh	Ll	0	L	
0284	Latin Small Letter Dotless J w Stroke & Hook	Ll	0	L	
0285	Latin Small Letter Squat Reversed Esh	Ll	0	L	
0286	Latin Small Letter Esh w Curl	Ll	0	L	
0287	Latin Small Letter Turned T	Ll	0	L	
0288	Latin Small Letter T w Retroflex Hook	Ll	0	L	
0289	Latin Small Letter U Bar	Ll	0	L	
028a	Latin Small Letter Upsilon	Ll	0	L	
028b	Latin Small Letter V w Hook	Ll	0	L	
028c	Latin Small Letter Turned V	Ll	0	L	
028d	Latin Small Letter Turned W	Ll	0	L	
028e	Latin Small Letter Turned Y	Ll	0	L	
028f	Latin Letter Small Capital Y	Ll	0	L	
0290	Latin Small Letter Z w Retroflex Hook	Ll	0	L	
0291	Latin Small Letter Z w Curl	Ll	0	L	
0292	Latin Small Letter Ezh	Ll	0	L	
0293	Latin Small Letter Ezh w Curl	Ll	0	L	
0294	Latin Letter Glottal Stop	Ll	0	L	
0295	Latin Letter Pharyngeal Voiced Fricative	Ll	0	L	
0296	Latin Letter Inverted Glottal Stop	Ll	0	L	
0297	Latin Letter Stretched C	Ll	0	L	
0298	Latin Letter Bilabial Click	Ll	0	L	
0299	Latin Letter Small Capital B	Ll	0	L	
029a	Latin Small Letter Closed Open E	Ll	0	L	
029b	Latin Letter Small Capital G w Hook	Ll	0	L	
029c	Latin Letter Small Capital H	Ll	0	L	
029d	Latin Small Letter J w Crossed-Tail	Ll	0	L	
029e	Latin Small Letter Turned K	Ll	0	L	
029f	Latin Letter Small Capital L	Ll	0	L	
02a0	Latin Small Letter Q w Hook	Ll	0	L	
02a1	Latin Letter Glottal Stop w Stroke	Ll	0	L	
02a2	Latin Letter Reversed Glottal Stop w Stroke	Ll	0	L	
02a3	Latin Small Letter Dz Digraph	Ll	0	L	

02a4	Latin Small Letter Dezh Digraph	Ll	0	L
02a5	Latin Small Letter Dz Digraph w Curl	Ll	0	L
02a6	Latin Small Letter Ts Digraph	Ll	0	L
02a7	Latin Small Letter Tesh Digraph	Ll	0	L
02a8	Latin Small Letter Tc Digraph w Curl	Ll	0	L
02a9	Latin Small Letter Feng Digraph	Ll	0	L
02aa	Latin Small Letter Ls Digraph	Ll	0	L
02ab	Latin Small Letter Lz Digraph	Ll	0	L
02ac	Latin Letter Bilabial Percussive	Ll	0	L
02ad	Latin Letter Bidental Percussive	Ll	0	L

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Spacing Modifier Letters (02B0 to 02FF)
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Hex	Character	Gen	Cmb	Bid	Map
02b0	Modifier Letter Small H	Lm	0	L	+
02b1	Modifier Letter Small H w Hook	Lm	0	L	+
02b2	Modifier Letter Small J	Lm	0	L	+
02b3	Modifier Letter Small R	Lm	0	L	+
02b4	Modifier Letter Small Turned R	Lm	0	L	+
02b5	Modifier Letter Small Turned R w Hook	Lm	0	L	+
02b6	Modifier Letter Small Capital Inverted R	Lm	0	L	+
02b7	Modifier Letter Small W	Lm	0	L	+
02b8	Modifier Letter Small Y	Lm	0	L	+
02b9	Modifier Letter Prime	Sk	0	ON	
02ba	Modifier Letter Double Prime	Sk	0	ON	
02bb	Modifier Letter Turned Comma	Lm	0	L	
02bc	Modifier Letter Apostrophe	Lm	0	L	
02bd	Modifier Letter Reversed Comma	Lm	0	L	
02be	Modifier Letter R Half Ring	Lm	0	L	
02bf	Modifier Letter L Half Ring	Lm	0	L	
02c0	Modifier Letter Glottal Stop	Lm	0	L	
02c1	Modifier Letter Reversed Glottal Stop	Lm	0	L	
02c2	Modifier Letter L Arrowhead	Sk	0	ON	
02c3	Modifier Letter R Arrowhead	Sk	0	ON	
02c4	Modifier Letter Up Arrowhead	Sk	0	ON	
02c5	Modifier Letter Down Arrowhead	Sk	0	ON	
02c6	Modifier Letter Circumflex Accent	Sk	0	ON	
02c7	Caron	Sk	0	ON	
02c8	Modifier Letter Vert Line	Sk	0	ON	
02c9	Modifier Letter Macron	Sk	0	ON	
02ca	Modifier Letter Acute Accent	Sk	0	ON	
02cb	Modifier Letter Grave Accent	Sk	0	ON	
02cc	Modifier Letter Low Vert Line	Sk	0	ON	
02cd	Modifier Letter Low Macron	Sk	0	ON	
02ce	Modifier Letter Low Grave Accent	Sk	0	ON	
02cf	Modifier Letter Low Acute Accent	Sk	0	ON	
02d0	Modifier Letter Triangular Colon	Lm	0	L	
02d1	Modifier Letter Half Triangular Colon	Lm	0	L	
02d2	Modifier Letter Centred R Half Ring	Sk	0	ON	
02d3	Modifier Letter Centred L Half Ring	Sk	0	ON	
02d4	Modifier Letter Up Tack	Sk	0	ON	
02d5	Modifier Letter Down Tack	Sk	0	ON	
02d6	Modifier Letter Plus Sign	Sk	0	ON	
02d7	Modifier Letter Minus Sign	Sk	0	ON	
02d8	Breve	Sk	0	ON	C
02d9	Dot Above	Sk	0	ON	C
02da	Ring Above	Sk	0	ON	C
02db	Ogonek	Sk	0	ON	C
02dc	Small Tilde	Sk	0	ON	C
02dd	Double Acute Accent	Sk	0	ON	C
02de	Modifier Letter Rhotic Hook	Sk	0	ON	
02df	Modifier Letter Cross Accent	Sk	0	ON	
02e0	Modifier Letter Small Gamma	Lm	0	L	+
02e1	Modifier Letter Small L	Lm	0	L	+
02e2	Modifier Letter Small S	Lm	0	L	+
02e3	Modifier Letter Small X	Lm	0	L	+
02e4	Modifier Letter Small Reversed Glottal Stop	Lm	0	L	+
02e5	Modifier Letter Extra-High Tone Bar	Sk	0	ON	
02e6	Modifier Letter High Tone Bar	Sk	0	ON	
02e7	Modifier Letter Mid Tone Bar	Sk	0	ON	
02e8	Modifier Letter Low Tone Bar	Sk	0	ON	
02e9	Modifier Letter Extra-Low Tone Bar	Sk	0	ON	
02ea	Modifier Letter Yin Departing Tone Mark	Sk	0	ON	
02eb	Modifier Letter Yang Departing Tone Mark	Sk	0	ON	
02ec	Modifier Letter Voicing	Sk	0	ON	
02ed	Modifier Letter Unaspirated	Sk	0	ON	
02ee	Modifier Letter Double Apostrophe	Lm	0	L	

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Combining Diacritical Marks (0300 to 036F)
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Hex	Character	Gen	Cmb	Bid	Map
0300	Combining Grave Accent	Mn	230	NSM	
0301	Combining Acute Accent	Mn	230	NSM	
0302	Combining Circumflex Accent	Mn	230	NSM	
0303	Combining Tilde	Mn	230	NSM	
0304	Combining Macron	Mn	230	NSM	
0305	Combining Overline	Mn	230	NSM	
0306	Combining Breve	Mn	230	NSM	
0307	Combining Dot Above	Mn	230	NSM	
0308	Combining Diaeresis	Mn	230	NSM	
0309	Combining Hook Above	Mn	230	NSM	
030a	Combining Ring Above	Mn	230	NSM	
030b	Combining Double Acute Accent	Mn	230	NSM	
030c	Combining Caron	Mn	230	NSM	
030d	Combining Vert Line Above	Mn	230	NSM	
030e	Combining Double Vert Line Above	Mn	230	NSM	

030f	Combining Double Grave Accent	Mn	230	NSM
0310	Combining Candrabindu	Mn	230	NSM
0311	Combining Inverted Breve	Mn	230	NSM
0312	Combining Turned Comma Above	Mn	230	NSM
0313	Combining Comma Above	Mn	230	NSM
0314	Combining Reversed Comma Above	Mn	230	NSM
0315	Combining Comma above R	Mn	232	NSM
0316	Combining Grave Accent Below	Mn	220	NSM
0317	Combining Acute Accent Below	Mn	220	NSM
0318	Combining L Tack Below	Mn	220	NSM
0319	Combining R Tack Below	Mn	220	NSM
031a	Combining L Angle Above	Mn	232	NSM
031b	Combining Horn	Mn	216	NSM
031c	Combining L Half Ring Below	Mn	220	NSM
031d	Combining Up Tack Below	Mn	220	NSM
031e	Combining Down Tack Below	Mn	220	NSM
031f	Combining Plus Sign Below	Mn	220	NSM
0320	Combining Minus Sign Below	Mn	220	NSM
0321	Combining Palatalized Hook Below	Mn	202	NSM
0322	Combining Retroflex Hook Below	Mn	202	NSM
0323	Combining Dot Below	Mn	220	NSM
0324	Combining Diaeresis Below	Mn	220	NSM
0325	Combining Ring Below	Mn	220	NSM
0326	Combining Comma Below	Mn	220	NSM
0327	Combining Cedilla	Mn	202	NSM
0328	Combining Ogonek	Mn	202	NSM
0329	Combining Vert Line Below	Mn	220	NSM
032a	Combining Bridge Below	Mn	220	NSM
032b	Combining Inverted Double Arch Below	Mn	220	NSM
032c	Combining Caron Below	Mn	220	NSM
032d	Combining Circumflex Accent Below	Mn	220	NSM
032e	Combining Breve Below	Mn	220	NSM
032f	Combining Inverted Breve Below	Mn	220	NSM
0330	Combining Tilde Below	Mn	220	NSM
0331	Combining Macron Below	Mn	220	NSM
0332	Combining Low Line	Mn	220	NSM
0333	Combining Double Low Line	Mn	220	NSM
0334	Combining Tilde Overlay	Mn	1	NSM
0335	Combining Short Stroke Overlay	Mn	1	NSM
0336	Combining Long Stroke Overlay	Mn	1	NSM
0337	Combining Short Solidus Overlay	Mn	1	NSM
0338	Combining Long Solidus Overlay	Mn	1	NSM
0339	Combining R Half Ring Below	Mn	220	NSM
033a	Combining Inverted Bridge Below	Mn	220	NSM
033b	Combining Square Below	Mn	220	NSM
033c	Combining Seagull Below	Mn	220	NSM
033d	Combining X Above	Mn	230	NSM
033e	Combining Vert Tilde	Mn	230	NSM
033f	Combining Double Overline	Mn	230	NSM
0340	Combining Grave Tone Mark	Mn	230	NSM
0341	Combining Acute Tone Mark	Mn	230	NSM
0342	Combining Greek Perispomeni	Mn	230	NSM
0343	Combining Greek Koronis	Mn	230	NSM
0344	Combining Greek Dialytika Tonos	Mn	230	NSM
0345	Combining Greek Yp	Mn	240	NSM
0346	Combining Bridge Above	Mn	230	NSM
0347	Combining = Sign Below	Mn	220	NSM
0348	Combining Double Vert Line Below	Mn	220	NSM
0349	Combining L Angle Below	Mn	220	NSM
034a	Combining Not Tilde Above	Mn	230	NSM
034b	Combining Homothetic Above	Mn	230	NSM
034c	Combining Almost = to Above	Mn	230	NSM
034d	Combining L R Arrow Below	Mn	220	NSM
034e	Combining Upwards Arrow Below	Mn	220	NSM
034f	Combining Grapheme Joiner	Mn	0	NSM
0360	Combining Double Tilde	Mn	234	NSM
0361	Combining Double Inverted Breve	Mn	234	NSM
0362	Combining Double R Arrow Below	Mn	233	NSM
0363	Combining Latin Small Letter A	Mn	230	NSM
0364	Combining Latin Small Letter E	Mn	230	NSM
0365	Combining Latin Small Letter I	Mn	230	NSM
0366	Combining Latin Small Letter O	Mn	230	NSM
0367	Combining Latin Small Letter U	Mn	230	NSM
0368	Combining Latin Small Letter C	Mn	230	NSM
0369	Combining Latin Small Letter D	Mn	230	NSM
036a	Combining Latin Small Letter H	Mn	230	NSM
036b	Combining Latin Small Letter M	Mn	230	NSM
036c	Combining Latin Small Letter R	Mn	230	NSM
036d	Combining Latin Small Letter T	Mn	230	NSM
036e	Combining Latin Small Letter V	Mn	230	NSM
036f	Combining Latin Small Letter X	Mn	230	NSM

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Greek and Coptic (0370 to 03FF)
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G/ = Greek

Hex	Character	Gen	Cmb	Bid	Map
0374	G/Numeral Sign	Sk	0	ON	
0375	G/Lower Numeral Sign	Sk	0	ON	
037a	G/Yp	Lm	0	L	C
037e	G/Question Mark	Po	0	ON	
0384	G/Tonos	Sk	0	ON	C
0385	G/Dialytika Tonos	Sk	0	ON	
0386	G/Capital Letter Alpha w Tonos	Lu	0	L	
0387	G/Ano Teleia	Po	0	ON	
0388	G/Capital Letter Epsilon w Tonos	Lu	0	L	
0389	G/Capital Letter Eta w Tonos	Lu	0	L	
038a	G/Capital Letter Iota w Tonos	Lu	0	L	
038c	G/Capital Letter Omicron w Tonos	Lu	0	L	
038e	G/Capital Letter Upsilon w Tonos	Lu	0	L	
038f	G/Capital Letter Omega w Tonos	Lu	0	L	

0390	G/Small Letter Iota w Dialytika & Tonos	Ll	0	L
0391	G/Capital Letter Alpha	Lu	0	L
0392	G/Capital Letter Beta	Lu	0	L
0393	G/Capital Letter Gamma	Lu	0	L
0394	G/Capital Letter Delta	Lu	0	L
0395	G/Capital Letter Epsilon	Lu	0	L
0396	G/Capital Letter Zeta	Lu	0	L
0397	G/Capital Letter Eta	Lu	0	L
0398	G/Capital Letter Theta	Lu	0	L
0399	G/Capital Letter Iota	Lu	0	L
039a	G/Capital Letter Kappa	Lu	0	L
039b	G/Capital Letter Lamda	Lu	0	L
039c	G/Capital Letter Mu	Lu	0	L
039d	G/Capital Letter Nu	Lu	0	L
039e	G/Capital Letter Xi	Lu	0	L
039f	G/Capital Letter Omicron	Lu	0	L
03a0	G/Capital Letter Pi	Lu	0	L
03a1	G/Capital Letter Rho	Lu	0	L
03a3	G/Capital Letter Sigma	Lu	0	L
03a4	G/Capital Letter Tau	Lu	0	L
03a5	G/Capital Letter Upsilon	Lu	0	L
03a6	G/Capital Letter Phi	Lu	0	L
03a7	G/Capital Letter Chi	Lu	0	L
03a8	G/Capital Letter Psi	Lu	0	L
03a9	G/Capital Letter Omega	Lu	0	L
03aa	G/Capital Letter Iota w Dialytika	Lu	0	L
03ab	G/Capital Letter Upsilon w Dialytika	Lu	0	L
03ac	G/Small Letter Alpha w Tonos	Ll	0	L
03ad	G/Small Letter Epsilon w Tonos	Ll	0	L
03ae	G/Small Letter Eta w Tonos	Ll	0	L
03af	G/Small Letter Iota w Tonos	Ll	0	L
03b0	G/Small Letter Upsilon w Dialytika & Tonos	Ll	0	L
03b1	G/Small Letter Alpha	Ll	0	L
03b2	G/Small Letter Beta	Ll	0	L
03b3	G/Small Letter Gamma	Ll	0	L
03b4	G/Small Letter Delta	Ll	0	L
03b5	G/Small Letter Epsilon	Ll	0	L
03b6	G/Small Letter Zeta	Ll	0	L
03b7	G/Small Letter Eta	Ll	0	L
03b8	G/Small Letter Theta	Ll	0	L
03b9	G/Small Letter Iota	Ll	0	L
03ba	G/Small Letter Kappa	Ll	0	L
03bb	G/Small Letter Lamda	Ll	0	L
03bc	G/Small Letter Mu	Ll	0	L
03bd	G/Small Letter Nu	Ll	0	L
03be	G/Small Letter Xi	Ll	0	L
03bf	G/Small Letter Omicron	Ll	0	L
03c0	G/Small Letter Pi	Ll	0	L
03c1	G/Small Letter Rho	Ll	0	L
03c2	G/Small Letter Final Sigma	Ll	0	L
03c3	G/Small Letter Sigma	Ll	0	L
03c4	G/Small Letter Tau	Ll	0	L
03c5	G/Small Letter Upsilon	Ll	0	L
03c6	G/Small Letter Phi	Ll	0	L
03c7	G/Small Letter Chi	Ll	0	L
03c8	G/Small Letter Psi	Ll	0	L
03c9	G/Small Letter Omega	Ll	0	L
03ca	G/Small Letter Iota w Dialytika	Ll	0	L
03cb	G/Small Letter Upsilon w Dialytika	Ll	0	L
03cc	G/Small Letter Omicron w Tonos	Ll	0	L
03cd	G/Small Letter Upsilon w Tonos	Ll	0	L
03ce	G/Small Letter Omega w Tonos	Ll	0	L
03d0	G/Beta Symbol	Ll	0	L C
03d1	G/Theta Symbol	Ll	0	L C
03d2	G/Upsilon w Hook Symbol	Lu	0	L C
03d3	G/Upsilon w Acute & Hook Symbol	Lu	0	L
03d4	G/Upsilon w Diaeresis & Hook Symbol	Lu	0	L
03d5	G/Phi Symbol	Ll	0	L C
03d6	G/Pi Symbol	Ll	0	L C
03d7	G/Kai Symbol	Ll	0	L
03d8	G/Letter Archaic Koppa	Lu	0	L
03d9	G/Small Letter Archaic Koppa	Ll	0	L
03da	G/Letter Stigma	Lu	0	L
03db	G/Small Letter Stigma	Ll	0	L
03dc	G/Letter Digamma	Lu	0	L
03dd	G/Small Letter Digamma	Ll	0	L
03de	G/Letter Koppa	Lu	0	L
03df	G/Small Letter Koppa	Ll	0	L
03e0	G/Letter Sampi	Lu	0	L
03e1	G/Small Letter Sampi	Ll	0	L
03e2	Coptic Capital Letter Shei	Lu	0	L
03e3	Coptic Small Letter Shei	Ll	0	L
03e4	Coptic Capital Letter Fei	Lu	0	L
03e5	Coptic Small Letter Fei	Ll	0	L
03e6	Coptic Capital Letter Khei	Lu	0	L
03e7	Coptic Small Letter Khei	Ll	0	L
03e8	Coptic Capital Letter Hori	Lu	0	L
03e9	Coptic Small Letter Hori	Ll	0	L
03ea	Coptic Capital Letter Gangia	Lu	0	L
03eb	Coptic Small Letter Gangia	Ll	0	L
03ec	Coptic Capital Letter Shima	Lu	0	L
03ed	Coptic Small Letter Shima	Ll	0	L
03ee	Coptic Capital Letter Dei	Lu	0	L
03ef	Coptic Small Letter Dei	Ll	0	L
03f0	G/Kappa Symbol	Ll	0	L C
03f1	G/Rho Symbol	Ll	0	L C
03f2	G/Lunate Sigma Symbol	Ll	0	L C
03f3	G/Letter Yot	Ll	0	L
03f4	G/Capital Theta Symbol	Lu	0	L C
03f5	G/Lunate Epsilon Symbol	Ll	0	L C
03f6	G/Reversed Lunate Epsilon Symbol	Sm	0	ON

Cyrillic (0400 to 04FF)

Hex	Character	Gen	Cmb	Bid	Map
0400	Cyrillic Capital Letter Ie w Grave	Lu	0	L	
0401	Cyrillic Capital Letter Io	Lu	0	L	
0402	Cyrillic Capital Letter Dje	Lu	0	L	
0403	Cyrillic Capital Letter Gje	Lu	0	L	
0404	Cyrillic Capital Letter Ukrainian Ie	Lu	0	L	
0405	Cyrillic Capital Letter Dze	Lu	0	L	
0406	Cyrillic Capital Letter Byelorussian-Ukrainian I	Lu	0	L	
0407	Cyrillic Capital Letter Yi	Lu	0	L	
0408	Cyrillic Capital Letter Je	Lu	0	L	
0409	Cyrillic Capital Letter Lje	Lu	0	L	
040a	Cyrillic Capital Letter Nje	Lu	0	L	
040b	Cyrillic Capital Letter Tshe	Lu	0	L	
040c	Cyrillic Capital Letter Kje	Lu	0	L	
040d	Cyrillic Capital Letter I w Grave	Lu	0	L	
040e	Cyrillic Capital Letter Short U	Lu	0	L	
040f	Cyrillic Capital Letter Dzhe	Lu	0	L	
0410	Cyrillic Capital Letter A	Lu	0	L	
0411	Cyrillic Capital Letter Be	Lu	0	L	
0412	Cyrillic Capital Letter Ve	Lu	0	L	
0413	Cyrillic Capital Letter Ghe	Lu	0	L	
0414	Cyrillic Capital Letter De	Lu	0	L	
0415	Cyrillic Capital Letter Ie	Lu	0	L	
0416	Cyrillic Capital Letter Zhe	Lu	0	L	
0417	Cyrillic Capital Letter Ze	Lu	0	L	
0418	Cyrillic Capital Letter I	Lu	0	L	
0419	Cyrillic Capital Letter Short I	Lu	0	L	
041a	Cyrillic Capital Letter Ka	Lu	0	L	
041b	Cyrillic Capital Letter El	Lu	0	L	
041c	Cyrillic Capital Letter Em	Lu	0	L	
041d	Cyrillic Capital Letter En	Lu	0	L	
041e	Cyrillic Capital Letter O	Lu	0	L	
041f	Cyrillic Capital Letter Pe	Lu	0	L	
0420	Cyrillic Capital Letter Er	Lu	0	L	
0421	Cyrillic Capital Letter Es	Lu	0	L	
0422	Cyrillic Capital Letter Te	Lu	0	L	
0423	Cyrillic Capital Letter U	Lu	0	L	
0424	Cyrillic Capital Letter Ef	Lu	0	L	
0425	Cyrillic Capital Letter Ha	Lu	0	L	
0426	Cyrillic Capital Letter Tse	Lu	0	L	
0427	Cyrillic Capital Letter Che	Lu	0	L	
0428	Cyrillic Capital Letter Sha	Lu	0	L	
0429	Cyrillic Capital Letter Shcha	Lu	0	L	
042a	Cyrillic Capital Letter Hard Sign	Lu	0	L	
042b	Cyrillic Capital Letter Yeru	Lu	0	L	
042c	Cyrillic Capital Letter Soft Sign	Lu	0	L	
042d	Cyrillic Capital Letter E	Lu	0	L	
042e	Cyrillic Capital Letter Yu	Lu	0	L	
042f	Cyrillic Capital Letter Ya	Lu	0	L	
0430	Cyrillic Small Letter A	Ll	0	L	
0431	Cyrillic Small Letter Be	Ll	0	L	
0432	Cyrillic Small Letter Ve	Ll	0	L	
0433	Cyrillic Small Letter Ghe	Ll	0	L	
0434	Cyrillic Small Letter De	Ll	0	L	
0435	Cyrillic Small Letter Ie	Ll	0	L	
0436	Cyrillic Small Letter Zhe	Ll	0	L	
0437	Cyrillic Small Letter Ze	Ll	0	L	
0438	Cyrillic Small Letter I	Ll	0	L	
0439	Cyrillic Small Letter Short I	Ll	0	L	
043a	Cyrillic Small Letter Ka	Ll	0	L	
043b	Cyrillic Small Letter El	Ll	0	L	
043c	Cyrillic Small Letter Em	Ll	0	L	
043d	Cyrillic Small Letter En	Ll	0	L	
043e	Cyrillic Small Letter O	Ll	0	L	
043f	Cyrillic Small Letter Pe	Ll	0	L	
0440	Cyrillic Small Letter Er	Ll	0	L	
0441	Cyrillic Small Letter Es	Ll	0	L	
0442	Cyrillic Small Letter Te	Ll	0	L	
0443	Cyrillic Small Letter U	Ll	0	L	
0444	Cyrillic Small Letter Ef	Ll	0	L	
0445	Cyrillic Small Letter Ha	Ll	0	L	
0446	Cyrillic Small Letter Tse	Ll	0	L	
0447	Cyrillic Small Letter Che	Ll	0	L	
0448	Cyrillic Small Letter Sha	Ll	0	L	
0449	Cyrillic Small Letter Shcha	Ll	0	L	
044a	Cyrillic Small Letter Hard Sign	Ll	0	L	
044b	Cyrillic Small Letter Yeru	Ll	0	L	
044c	Cyrillic Small Letter Soft Sign	Ll	0	L	
044d	Cyrillic Small Letter E	Ll	0	L	
044e	Cyrillic Small Letter Yu	Ll	0	L	
044f	Cyrillic Small Letter Ya	Ll	0	L	
0450	Cyrillic Small Letter Ie w Grave	Ll	0	L	
0451	Cyrillic Small Letter Io	Ll	0	L	
0452	Cyrillic Small Letter Dje	Ll	0	L	
0453	Cyrillic Small Letter Gje	Ll	0	L	
0454	Cyrillic Small Letter Ukrainian Ie	Ll	0	L	
0455	Cyrillic Small Letter Dze	Ll	0	L	
0456	Cyrillic Small Letter Byelorussian-Ukrainian I	Ll	0	L	
0457	Cyrillic Small Letter Yi	Ll	0	L	
0458	Cyrillic Small Letter Je	Ll	0	L	
0459	Cyrillic Small Letter Lje	Ll	0	L	
045a	Cyrillic Small Letter Nje	Ll	0	L	
045b	Cyrillic Small Letter Tshe	Ll	0	L	
045c	Cyrillic Small Letter Kje	Ll	0	L	
045d	Cyrillic Small Letter I w Grave	Ll	0	L	
045e	Cyrillic Small Letter Short U	Ll	0	L	
045f	Cyrillic Small Letter Dzhe	Ll	0	L	
0460	Cyrillic Capital Letter Omega	Lu	0	L	
0461	Cyrillic Small Letter Omega	Ll	0	L	

0462	Cyrillic Capital Letter Yat	Lu	0	L
0463	Cyrillic Small Letter Yat	Ll	0	L
0464	Cyrillic Capital Letter Iotified E	Lu	0	L
0465	Cyrillic Small Letter Iotified E	Ll	0	L
0466	Cyrillic Capital Letter Little Yus	Lu	0	L
0467	Cyrillic Small Letter Little Yus	Ll	0	L
0468	Cyrillic Capital Letter Iotified Little Yus	Lu	0	L
0469	Cyrillic Small Letter Iotified Little Yus	Ll	0	L
046a	Cyrillic Capital Letter Big Yus	Lu	0	L
046b	Cyrillic Small Letter Big Yus	Ll	0	L
046c	Cyrillic Capital Letter Iotified Big Yus	Lu	0	L
046d	Cyrillic Small Letter Iotified Big Yus	Ll	0	L
046e	Cyrillic Capital Letter Ksi	Lu	0	L
046f	Cyrillic Small Letter Ksi	Ll	0	L
0470	Cyrillic Capital Letter Psi	Lu	0	L
0471	Cyrillic Small Letter Psi	Ll	0	L
0472	Cyrillic Capital Letter Fita	Lu	0	L
0473	Cyrillic Small Letter Fita	Ll	0	L
0474	Cyrillic Capital Letter Izhitsa	Lu	0	L
0475	Cyrillic Small Letter Izhitsa	Ll	0	L
0476	Cyrillic Capital Letter Izhitsa w Double Grave Accent	Lu	0	L
0477	Cyrillic Small Letter Izhitsa w Double Grave Accent	Ll	0	L
0478	Cyrillic Capital Letter Uk	Lu	0	L
0479	Cyrillic Small Letter Uk	Ll	0	L
047a	Cyrillic Capital Letter Round Omega	Lu	0	L
047b	Cyrillic Small Letter Round Omega	Ll	0	L
047c	Cyrillic Capital Letter Omega w Titlo	Lu	0	L
047d	Cyrillic Small Letter Omega w Titlo	Ll	0	L
047e	Cyrillic Capital Letter Ot	Lu	0	L
047f	Cyrillic Small Letter Ot	Ll	0	L
0480	Cyrillic Capital Letter Koppa	Lu	0	L
0481	Cyrillic Small Letter Koppa	Ll	0	L
0482	Cyrillic Thousands Sign	So	0	L
0483	Combining Cyrillic Titlo	Mn	230	NSM
0484	Combining Cyrillic Palatalization	Mn	230	NSM
0485	Combining Cyrillic Dasia Pneumata	Mn	230	NSM
0486	Combining Cyrillic Psili Pneumata	Mn	230	NSM
0488	Combining Cyrillic Hundred Thousands Sign	Me	0	NSM
0489	Combining Cyrillic Millions Sign	Me	0	NSM
048a	Cyrillic Capital Letter Short I w Tail	Lu	0	L
048b	Cyrillic Small Letter Short I w Tail	Ll	0	L
048c	Cyrillic Capital Letter Semisoft Sign	Lu	0	L
048d	Cyrillic Small Letter Semisoft Sign	Ll	0	L
048e	Cyrillic Capital Letter Er w Tick	Lu	0	L
048f	Cyrillic Small Letter Er w Tick	Ll	0	L
0490	Cyrillic Capital Letter Ghe w Upturn	Lu	0	L
0491	Cyrillic Small Letter Ghe w Upturn	Ll	0	L
0492	Cyrillic Capital Letter Ghe w Stroke	Lu	0	L
0493	Cyrillic Small Letter Ghe w Stroke	Ll	0	L
0494	Cyrillic Capital Letter Ghe w Middle Hook	Lu	0	L
0495	Cyrillic Small Letter Ghe w Middle Hook	Ll	0	L
0496	Cyrillic Capital Letter Zhe w Descender	Lu	0	L
0497	Cyrillic Small Letter Zhe w Descender	Ll	0	L
0498	Cyrillic Capital Letter Ze w Descender	Lu	0	L
0499	Cyrillic Small Letter Ze w Descender	Ll	0	L
049a	Cyrillic Capital Letter Ka w Descender	Lu	0	L
049b	Cyrillic Small Letter Ka w Descender	Ll	0	L
049c	Cyrillic Capital Letter Ka w Vert Stroke	Lu	0	L
049d	Cyrillic Small Letter Ka w Vert Stroke	Ll	0	L
049e	Cyrillic Capital Letter Ka w Stroke	Lu	0	L
049f	Cyrillic Small Letter Ka w Stroke	Ll	0	L
04a0	Cyrillic Capital Letter Bashkir Ka	Lu	0	L
04a1	Cyrillic Small Letter Bashkir Ka	Ll	0	L
04a2	Cyrillic Capital Letter En w Descender	Lu	0	L
04a3	Cyrillic Small Letter En w Descender	Ll	0	L
04a4	Cyrillic Capital Lig En Ghe	Lu	0	L
04a5	Cyrillic Small Lig En Ghe	Ll	0	L
04a6	Cyrillic Capital Letter Pe w Middle Hook	Lu	0	L
04a7	Cyrillic Small Letter Pe w Middle Hook	Ll	0	L
04a8	Cyrillic Capital Letter Abkhasian Ha	Lu	0	L
04a9	Cyrillic Small Letter Abkhasian Ha	Ll	0	L
04aa	Cyrillic Capital Letter Es w Descender	Lu	0	L
04ab	Cyrillic Small Letter Es w Descender	Ll	0	L
04ac	Cyrillic Capital Letter Te w Descender	Lu	0	L
04ad	Cyrillic Small Letter Te w Descender	Ll	0	L
04ae	Cyrillic Capital Letter Straight U	Lu	0	L
04af	Cyrillic Small Letter Straight U	Ll	0	L
04b0	Cyrillic Capital Letter Straight U w Stroke	Lu	0	L
04b1	Cyrillic Small Letter Straight U w Stroke	Ll	0	L
04b2	Cyrillic Capital Letter Ha w Descender	Lu	0	L
04b3	Cyrillic Small Letter Ha w Descender	Ll	0	L
04b4	Cyrillic Capital Lig Te Tse	Lu	0	L
04b5	Cyrillic Small Lig Te Tse	Ll	0	L
04b6	Cyrillic Capital Letter Che w Descender	Lu	0	L
04b7	Cyrillic Small Letter Che w Descender	Ll	0	L
04b8	Cyrillic Capital Letter Che w Vert Stroke	Lu	0	L
04b9	Cyrillic Small Letter Che w Vert Stroke	Ll	0	L
04ba	Cyrillic Capital Letter Shha	Lu	0	L
04bb	Cyrillic Small Letter Shha	Ll	0	L
04bc	Cyrillic Capital Letter Abkhasian Che	Lu	0	L
04bd	Cyrillic Small Letter Abkhasian Che	Ll	0	L
04be	Cyrillic Capital Letter Abkhasian Che w Descender	Lu	0	L
04bf	Cyrillic Small Letter Abkhasian Che w Descender	Ll	0	L
04c0	Letter Palochka	Lu	0	L
04c1	Cyrillic Capital Letter Zhe w Breve	Lu	0	L
04c2	Cyrillic Small Letter Zhe w Breve	Ll	0	L
04c3	Cyrillic Capital Letter Ka w Hook	Lu	0	L
04c4	Cyrillic Small Letter Ka w Hook	Ll	0	L
04c5	Cyrillic Capital Letter El w Tail	Lu	0	L
04c6	Cyrillic Small Letter El w Tail	Ll	0	L
04c7	Cyrillic Capital Letter En w Hook	Lu	0	L
04c8	Cyrillic Small Letter En w Hook	Ll	0	L
04c9	Cyrillic Capital Letter En w Tail	Lu	0	L
04ca	Cyrillic Small Letter En w Tail	Ll	0	L

04cb	Cyrillic Capital Letter Khakassian Che	Lu	0	L
04cc	Cyrillic Small Letter Khakassian Che	Ll	0	L
04cd	Cyrillic Capital Letter Em w Tail	Lu	0	L
04ce	Cyrillic Small Letter Em w Tail	Ll	0	L
04d0	Cyrillic Capital Letter A w Breve	Lu	0	L
04d1	Cyrillic Small Letter A w Breve	Ll	0	L
04d2	Cyrillic Capital Letter A w Diaeresis	Lu	0	L
04d3	Cyrillic Small Letter A w Diaeresis	Ll	0	L
04d4	Cyrillic Capital Lig A Ie	Lu	0	L
04d5	Cyrillic Small Lig A Ie	Ll	0	L
04d6	Cyrillic Capital Letter Ie w Breve	Lu	0	L
04d7	Cyrillic Small Letter Ie w Breve	Ll	0	L
04d8	Cyrillic Capital Letter Schwa	Lu	0	L
04d9	Cyrillic Small Letter Schwa	Ll	0	L
04da	Cyrillic Capital Letter Schwa w Diaeresis	Lu	0	L
04db	Cyrillic Small Letter Schwa w Diaeresis	Ll	0	L
04dc	Cyrillic Capital Letter Zhe w Diaeresis	Lu	0	L
04dd	Cyrillic Small Letter Zhe w Diaeresis	Ll	0	L
04de	Cyrillic Capital Letter Ze w Diaeresis	Lu	0	L
04df	Cyrillic Small Letter Ze w Diaeresis	Ll	0	L
04e0	Cyrillic Capital Letter Abkhasian Dze	Lu	0	L
04e1	Cyrillic Small Letter Abkhasian Dze	Ll	0	L
04e2	Cyrillic Capital Letter I w Macron	Lu	0	L
04e3	Cyrillic Small Letter I w Macron	Ll	0	L
04e4	Cyrillic Capital Letter I w Diaeresis	Lu	0	L
04e5	Cyrillic Small Letter I w Diaeresis	Ll	0	L
04e6	Cyrillic Capital Letter O w Diaeresis	Lu	0	L
04e7	Cyrillic Small Letter O w Diaeresis	Ll	0	L
04e8	Cyrillic Capital Letter Barred O	Lu	0	L
04e9	Cyrillic Small Letter Barred O	Ll	0	L
04ea	Cyrillic Capital Letter Barred O w Diaeresis	Lu	0	L
04eb	Cyrillic Small Letter Barred O w Diaeresis	Ll	0	L
04ec	Cyrillic Capital Letter E w Diaeresis	Lu	0	L
04ed	Cyrillic Small Letter E w Diaeresis	Ll	0	L
04ee	Cyrillic Capital Letter U w Macron	Lu	0	L
04ef	Cyrillic Small Letter U w Macron	Ll	0	L
04f0	Cyrillic Capital Letter U w Diaeresis	Lu	0	L
04f1	Cyrillic Small Letter U w Diaeresis	Ll	0	L
04f2	Cyrillic Capital Letter U w Double Acute	Lu	0	L
04f3	Cyrillic Small Letter U w Double Acute	Ll	0	L
04f4	Cyrillic Capital Letter Che w Diaeresis	Lu	0	L
04f5	Cyrillic Small Letter Che w Diaeresis	Ll	0	L
04f8	Cyrillic Capital Letter Yeru w Diaeresis	Lu	0	L
04f9	Cyrillic Small Letter Yeru w Diaeresis	Ll	0	L

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Cyrillic Supplementary (0500 to 052F)
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Hex	Character	Gen	Cmb	Bid	Map
0500	Cyrillic Capital Letter Komi De	Lu	0	L	
0501	Cyrillic Small Letter Komi De	Ll	0	L	
0502	Cyrillic Capital Letter Komi Dje	Lu	0	L	
0503	Cyrillic Small Letter Komi Dje	Ll	0	L	
0504	Cyrillic Capital Letter Komi Zje	Lu	0	L	
0505	Cyrillic Small Letter Komi Zje	Ll	0	L	
0506	Cyrillic Capital Letter Komi Dkje	Lu	0	L	
0507	Cyrillic Small Letter Komi Dkje	Ll	0	L	
0508	Cyrillic Capital Letter Komi Lje	Lu	0	L	
0509	Cyrillic Small Letter Komi Lje	Ll	0	L	
050a	Cyrillic Capital Letter Komi Nje	Lu	0	L	
050b	Cyrillic Small Letter Komi Nje	Ll	0	L	
050c	Cyrillic Capital Letter Komi Sje	Lu	0	L	
050d	Cyrillic Small Letter Komi Sje	Ll	0	L	
050e	Cyrillic Capital Letter Komi Tje	Lu	0	L	
050f	Cyrillic Small Letter Komi Tje	Ll	0	L	

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Armenian (0530 to 058F)
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Hex	Character	Gen	Cmb	Bid	Map
0531	Armenian Capital Letter Ayb	Lu	0	L	
0532	Armenian Capital Letter Ben	Lu	0	L	
0533	Armenian Capital Letter Gim	Lu	0	L	
0534	Armenian Capital Letter Da	Lu	0	L	
0535	Armenian Capital Letter Ech	Lu	0	L	
0536	Armenian Capital Letter Za	Lu	0	L	
0537	Armenian Capital Letter Eh	Lu	0	L	
0538	Armenian Capital Letter Et	Lu	0	L	
0539	Armenian Capital Letter to	Lu	0	L	
053a	Armenian Capital Letter Zhe	Lu	0	L	
053b	Armenian Capital Letter Ini	Lu	0	L	
053c	Armenian Capital Letter Liwn	Lu	0	L	
053d	Armenian Capital Letter Xeh	Lu	0	L	
053e	Armenian Capital Letter Ca	Lu	0	L	
053f	Armenian Capital Letter Ken	Lu	0	L	
0540	Armenian Capital Letter Ho	Lu	0	L	
0541	Armenian Capital Letter Ja	Lu	0	L	
0542	Armenian Capital Letter Ghad	Lu	0	L	
0543	Armenian Capital Letter Cheh	Lu	0	L	
0544	Armenian Capital Letter Men	Lu	0	L	
0545	Armenian Capital Letter Yi	Lu	0	L	
0546	Armenian Capital Letter Now	Lu	0	L	
0547	Armenian Capital Letter Sha	Lu	0	L	
0548	Armenian Capital Letter Vo	Lu	0	L	
0549	Armenian Capital Letter Cha	Lu	0	L	
054a	Armenian Capital Letter Peh	Lu	0	L	
054b	Armenian Capital Letter Jheh	Lu	0	L	
054c	Armenian Capital Letter Ra	Lu	0	L	

054d	Armenian Capital Letter Seh	Lu	0	L
054e	Armenian Capital Letter Vew	Lu	0	L
054f	Armenian Capital Letter Tiwn	Lu	0	L
0550	Armenian Capital Letter Reh	Lu	0	L
0551	Armenian Capital Letter Co	Lu	0	L
0552	Armenian Capital Letter Yiwn	Lu	0	L
0553	Armenian Capital Letter Piwr	Lu	0	L
0554	Armenian Capital Letter Keh	Lu	0	L
0555	Armenian Capital Letter Oh	Lu	0	L
0556	Armenian Capital Letter Feh	Lu	0	L
0559	Armenian Modifier Letter L Half Ring	Lm	0	L
055a	Armenian Apostrophe	Po	0	L
055b	Armenian Emphasis Mark	Po	0	L
055c	Armenian Exclamation Mark	Po	0	L
055d	Armenian Comma	Po	0	L
055e	Armenian Question Mark	Po	0	L
055f	Armenian Abbreviation Mark	Po	0	L
0561	Armenian Small Letter Ayb	Ll	0	L
0562	Armenian Small Letter Ben	Ll	0	L
0563	Armenian Small Letter Gim	Ll	0	L
0564	Armenian Small Letter Da	Ll	0	L
0565	Armenian Small Letter Ech	Ll	0	L
0566	Armenian Small Letter Za	Ll	0	L
0567	Armenian Small Letter Eh	Ll	0	L
0568	Armenian Small Letter Et	Ll	0	L
0569	Armenian Small Letter to	Ll	0	L
056a	Armenian Small Letter Zhe	Ll	0	L
056b	Armenian Small Letter Ini	Ll	0	L
056c	Armenian Small Letter Liwn	Ll	0	L
056d	Armenian Small Letter Xeh	Ll	0	L
056e	Armenian Small Letter Ca	Ll	0	L
056f	Armenian Small Letter Ken	Ll	0	L
0570	Armenian Small Letter Ho	Ll	0	L
0571	Armenian Small Letter Ja	Ll	0	L
0572	Armenian Small Letter Ghad	Ll	0	L
0573	Armenian Small Letter Cheh	Ll	0	L
0574	Armenian Small Letter Men	Ll	0	L
0575	Armenian Small Letter Yi	Ll	0	L
0576	Armenian Small Letter Now	Ll	0	L
0577	Armenian Small Letter Sha	Ll	0	L
0578	Armenian Small Letter Vo	Ll	0	L
0579	Armenian Small Letter Cha	Ll	0	L
057a	Armenian Small Letter Peh	Ll	0	L
057b	Armenian Small Letter Jheh	Ll	0	L
057c	Armenian Small Letter Ra	Ll	0	L
057d	Armenian Small Letter Seh	Ll	0	L
057e	Armenian Small Letter Vew	Ll	0	L
057f	Armenian Small Letter Tiwn	Ll	0	L
0580	Armenian Small Letter Reh	Ll	0	L
0581	Armenian Small Letter Co	Ll	0	L
0582	Armenian Small Letter Yiwn	Ll	0	L
0583	Armenian Small Letter Piwr	Ll	0	L
0584	Armenian Small Letter Keh	Ll	0	L
0585	Armenian Small Letter Oh	Ll	0	L
0586	Armenian Small Letter Feh	Ll	0	L
0587	Armenian Small Lig Ech Yiwn	Ll	0	L
0589	Armenian Full Stop	Po	0	L
058a	Armenian Hyphen	Pd	0	ON

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Hebrew (0590 to 05FF)
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Hex	Character	Gen	Cmb	Bid	Map
0591	Hebrew Accent Etnahta	Mn	220	NSM	
0592	Hebrew Accent Segol	Mn	230	NSM	
0593	Hebrew Accent Shalsholet	Mn	230	NSM	
0594	Hebrew Accent Zaqef Qatan	Mn	230	NSM	
0595	Hebrew Accent Zaqef Gadol	Mn	230	NSM	
0596	Hebrew Accent Tipeha	Mn	220	NSM	
0597	Hebrew Accent Revia	Mn	230	NSM	
0598	Hebrew Accent Zarqa	Mn	230	NSM	
0599	Hebrew Accent Pashta	Mn	230	NSM	
059a	Hebrew Accent Yetiv	Mn	222	NSM	
059b	Hebrew Accent Tevir	Mn	220	NSM	
059c	Hebrew Accent Geresh	Mn	230	NSM	
059d	Hebrew Accent Geresh Muqdam	Mn	230	NSM	
059e	Hebrew Accent Gershayim	Mn	230	NSM	
059f	Hebrew Accent Qarney Para	Mn	230	NSM	
05a0	Hebrew Accent Telisha Gedola	Mn	230	NSM	
05a1	Hebrew Accent Pazer	Mn	230	NSM	
05a3	Hebrew Accent Munah	Mn	220	NSM	
05a4	Hebrew Accent Mahapakh	Mn	220	NSM	
05a5	Hebrew Accent Merkha	Mn	220	NSM	
05a6	Hebrew Accent Merkha Kefula	Mn	220	NSM	
05a7	Hebrew Accent Darga	Mn	220	NSM	
05a8	Hebrew Accent Qadma	Mn	230	NSM	
05a9	Hebrew Accent Telisha Qetana	Mn	230	NSM	
05aa	Hebrew Accent Yerah Ben Yomo	Mn	220	NSM	
05ab	Hebrew Accent Ole	Mn	230	NSM	
05ac	Hebrew Accent Iluy	Mn	230	NSM	
05ad	Hebrew Accent Dehi	Mn	222	NSM	
05ae	Hebrew Accent Zinor	Mn	228	NSM	
05af	Hebrew Mark Masora Circle	Mn	230	NSM	
05b0	Hebrew Point Sheva	Mn	10	NSM	
05b1	Hebrew Point Hataf Segol	Mn	11	NSM	
05b2	Hebrew Point Hataf Patah	Mn	12	NSM	
05b3	Hebrew Point Hataf Qamats	Mn	13	NSM	
05b4	Hebrew Point Hiriq	Mn	14	NSM	
05b5	Hebrew Point Tsere	Mn	15	NSM	
05b6	Hebrew Point Segol	Mn	16	NSM	
05b7	Hebrew Point Patah	Mn	17	NSM	

05b8	Hebrew Point Qamats	Mn	18	NSM
05b9	Hebrew Point Holam	Mn	19	NSM
05bb	Hebrew Point Qubuts	Mn	20	NSM
05bc	Hebrew Point Dagesh or Mapiq	Mn	21	NSM
05bd	Hebrew Point Meteg	Mn	22	NSM
05be	Hebrew Punctuation Maqaf	Po	0	R
05bf	Hebrew Point Rafe	Mn	23	NSM
05c0	Hebrew Punctuation Paseq	Po	0	R
05c1	Hebrew Point Shin Dot	Mn	24	NSM
05c2	Hebrew Point Sin Dot	Mn	25	NSM
05c3	Hebrew Punctuation Sof Pasuq	Po	0	R
05c4	Hebrew Mark Upper Dot	Mn	230	NSM
05d0	Hebrew Letter Alef	Lo	0	R
05d1	Hebrew Letter Bet	Lo	0	R
05d2	Hebrew Letter Gimel	Lo	0	R
05d3	Hebrew Letter Dalet	Lo	0	R
05d4	Hebrew Letter He	Lo	0	R
05d5	Hebrew Letter Vav	Lo	0	R
05d6	Hebrew Letter Zayin	Lo	0	R
05d7	Hebrew Letter Het	Lo	0	R
05d8	Hebrew Letter Tet	Lo	0	R
05d9	Hebrew Letter Yod	Lo	0	R
05da	Hebrew Letter Final Kaf	Lo	0	R
05db	Hebrew Letter Kaf	Lo	0	R
05dc	Hebrew Letter Lamed	Lo	0	R
05dd	Hebrew Letter Final Mem	Lo	0	R
05de	Hebrew Letter Mem	Lo	0	R
05df	Hebrew Letter Final Nun	Lo	0	R
05e0	Hebrew Letter Nun	Lo	0	R
05e1	Hebrew Letter Samekh	Lo	0	R
05e2	Hebrew Letter Ayin	Lo	0	R
05e3	Hebrew Letter Final Pe	Lo	0	R
05e4	Hebrew Letter Pe	Lo	0	R
05e5	Hebrew Letter Final Tsadi	Lo	0	R
05e6	Hebrew Letter Tsadi	Lo	0	R
05e7	Hebrew Letter Qof	Lo	0	R
05e8	Hebrew Letter Resh	Lo	0	R
05e9	Hebrew Letter Shin	Lo	0	R
05ea	Hebrew Letter Tav	Lo	0	R
05f0	Hebrew Lig Yiddish Double Vav	Lo	0	R
05f1	Hebrew Lig Yiddish Vav Yod	Lo	0	R
05f2	Hebrew Lig Yiddish Double Yod	Lo	0	R
05f3	Hebrew Punctuation Gersesh	Po	0	R
05f4	Hebrew Punctuation Gershayim	Po	0	R

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Arabic (0600-06FF)
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A/ = Arabic

Hex	Character	Gen	Cmb	Bid	Map
060c	A/Comma	Po	0	CS	
061b	A/Semicolon	Po	0	AL	
061f	A/Question Mark	Po	0	AL	
0621	A/Letter Hamza	Lo	0	AL	
0622	A/Letter Alef w Madda Above	Lo	0	AL	
0623	A/Letter Alef w Hamza Above	Lo	0	AL	
0624	A/Letter Waw w Hamza Above	Lo	0	AL	
0625	A/Letter Alef w Hamza Below	Lo	0	AL	
0626	A/Letter Yeh w Hamza Above	Lo	0	AL	
0627	A/Letter Alef	Lo	0	AL	
0628	A/Letter Beh	Lo	0	AL	
0629	A/Letter Teh Marbuta	Lo	0	AL	
062a	A/Letter Teh	Lo	0	AL	
062b	A/Letter Theh	Lo	0	AL	
062c	A/Letter Jeem	Lo	0	AL	
062d	A/Letter Hah	Lo	0	AL	
062e	A/Letter Khah	Lo	0	AL	
062f	A/Letter Dal	Lo	0	AL	
0630	A/Letter Thal	Lo	0	AL	
0631	A/Letter Reh	Lo	0	AL	
0632	A/Letter Zain	Lo	0	AL	
0633	A/Letter Seen	Lo	0	AL	
0634	A/Letter Sheen	Lo	0	AL	
0635	A/Letter Sad	Lo	0	AL	
0636	A/Letter Dad	Lo	0	AL	
0637	A/Letter Tah	Lo	0	AL	
0638	A/Letter Zah	Lo	0	AL	
0639	A/Letter Ain	Lo	0	AL	
063a	A/Letter Ghain	Lo	0	AL	
0640	A/Tatweel	Lm	0	AL	
0641	A/Letter Feh	Lo	0	AL	
0642	A/Letter Qaf	Lo	0	AL	
0643	A/Letter Kaf	Lo	0	AL	
0644	A/Letter Lam	Lo	0	AL	
0645	A/Letter Meem	Lo	0	AL	
0646	A/Letter Noon	Lo	0	AL	
0647	A/Letter Heh	Lo	0	AL	
0648	A/Letter Waw	Lo	0	AL	
0649	A/Letter Alef Maksura	Lo	0	AL	
064a	A/Letter Yeh	Lo	0	AL	
064b	A/Fathatan	Mn	27	NSM	
064c	A/Dammatan	Mn	28	NSM	
064d	A/Kasratan	Mn	29	NSM	
064e	A/Fatha	Mn	30	NSM	
064f	A/Damma	Mn	31	NSM	
0650	A/Kasra	Mn	32	NSM	
0651	A/Shadda	Mn	33	NSM	
0652	A/Sukun	Mn	34	NSM	
0653	A/Maddah Above	Mn	230	NSM	
0654	A/Hamza Above	Mn	230	NSM	
0655	A/Hamza Below	Mn	220	NSM	

0660	Arabic-Indic Digit Zero	Nd	0	AN
0661	Arabic-Indic Digit One	Nd	0	AN
0662	Arabic-Indic Digit Two	Nd	0	AN
0663	Arabic-Indic Digit Three	Nd	0	AN
0664	Arabic-Indic Digit Four	Nd	0	AN
0665	Arabic-Indic Digit Five	Nd	0	AN
0666	Arabic-Indic Digit Six	Nd	0	AN
0667	Arabic-Indic Digit Seven	Nd	0	AN
0668	Arabic-Indic Digit Eight	Nd	0	AN
0669	Arabic-Indic Digit Nine	Nd	0	AN
066a	A/Percent Sign	Po	0	ET
066b	A/Decimal Separator	Po	0	AN
066c	A/Thousands Separator	Po	0	AN
066d	A/Five Pointed Star	Po	0	AL
066e	A/Letter Dotless Beh	Lo	0	AL
066f	A/Letter Dotless Qaf	Lo	0	AL
0670	A/Letter Superscript Alef	Mn	35	NSM
0671	A/Letter Alef Wasla	Lo	0	AL
0672	A/Letter Alef w Wavy Hamza Above	Lo	0	AL
0673	A/Letter Alef w Wavy Hamza Below	Lo	0	AL
0674	A/Letter High Hamza	Lo	0	AL
0675	A/Letter High Hamza Alef	Lo	0	AL
0676	A/Letter High Hamza Waw	Lo	0	C
0677	A/Letter U w Hamza Above	Lo	0	C
0678	A/Letter High Hamza Yeh	Lo	0	C
0679	A/Letter Tteh	Lo	0	AL
067a	A/Letter Tteheh	Lo	0	AL
067b	A/Letter Beeh	Lo	0	AL
067c	A/Letter Teh w Ring	Lo	0	AL
067d	A/Letter Teh w Three Dots above Downwards	Lo	0	AL
067e	A/Letter Peh	Lo	0	AL
067f	A/Letter Teheh	Lo	0	AL
0680	A/Letter Beheh	Lo	0	AL
0681	A/Letter Hah w Hamza Above	Lo	0	AL
0682	A/Letter Hah w Two Dots Vert Above	Lo	0	AL
0683	A/Letter Nyeh	Lo	0	AL
0684	A/Letter Dyeh	Lo	0	AL
0685	A/Letter Hah w Three Dots Above	Lo	0	AL
0686	A/Letter Tcheh	Lo	0	AL
0687	A/Letter Tcheheh	Lo	0	AL
0688	A/Letter Ddal	Lo	0	AL
0689	A/Letter Dal w Ring	Lo	0	AL
068a	A/Letter Dal w Dot Below	Lo	0	AL
068b	A/Letter Dal w Dot Below & Small Tah	Lo	0	AL
068c	A/Letter Dahal	Lo	0	AL
068d	A/Letter Ddahal	Lo	0	AL
068e	A/Letter Du1	Lo	0	AL
068f	A/Letter Dal w Three Dots above Downwards	Lo	0	AL
0690	A/Letter Dal w Four Dots Above	Lo	0	AL
0691	A/Letter Rreh	Lo	0	AL
0692	A/Letter Reh w Small V	Lo	0	AL
0693	A/Letter Reh w Ring	Lo	0	AL
0694	A/Letter Reh w Dot Below	Lo	0	AL
0695	A/Letter Reh w Small V Below	Lo	0	AL
0696	A/Letter Reh w Dot Below & Dot Above	Lo	0	AL
0697	A/Letter Reh w Two Dots Above	Lo	0	AL
0698	A/Letter Jeh	Lo	0	AL
0699	A/Letter Reh w Four Dots Above	Lo	0	AL
069a	A/Letter Seen w Dot Below & Dot Above	Lo	0	AL
069b	A/Letter Seen w Stop Sign Isolated Form Dots Below	Lo	0	AL
069c	A/Letter Seen w Three Dots Below & Three Dots Above	Lo	0	AL
069d	A/Letter Sad w Two Dots Below	Lo	0	AL
069e	A/Letter Sad w Three Dots Above	Lo	0	AL
069f	A/Letter Tah w Three Dots Above	Lo	0	AL
06a0	A/Letter Ain w Three Dots Above	Lo	0	AL
06a1	A/Letter Dotless Feh	Lo	0	AL
06a2	A/Letter Feh w Dot Moved Below	Lo	0	AL
06a3	A/Letter Feh w Dot Below	Lo	0	AL
06a4	A/Letter Veh	Lo	0	AL
06a5	A/Letter Feh w Three Dots Below	Lo	0	AL
06a6	A/Letter Peheh	Lo	0	AL
06a7	A/Letter Qaf w Dot Above	Lo	0	AL
06a8	A/Letter Qaf w Three Dots Above	Lo	0	AL
06a9	A/Letter Keheh	Lo	0	AL
06aa	A/Letter Swash Kaf	Lo	0	AL
06ab	A/Letter Kaf w Ring	Lo	0	AL
06ac	A/Letter Kaf w Dot Above	Lo	0	AL
06ad	A/Letter Ng	Lo	0	AL
06ae	A/Letter Kaf w Three Dots Below	Lo	0	AL
06af	A/Letter Gaf	Lo	0	AL
06b0	A/Letter Gaf w Ring	Lo	0	AL
06b1	A/Letter Ngoeh	Lo	0	AL
06b2	A/Letter Gaf w Two Dots Below	Lo	0	AL
06b3	A/Letter Gueh	Lo	0	AL
06b4	A/Letter Gaf w Three Dots Above	Lo	0	AL
06b5	A/Letter Lam w Small V	Lo	0	AL
06b6	A/Letter Lam w Dot Above	Lo	0	AL
06b7	A/Letter Lam w Three Dots Above	Lo	0	AL
06b8	A/Letter Lam w Three Dots Below	Lo	0	AL
06b9	A/Letter Noon w Dot Below	Lo	0	AL
06ba	A/Letter Noon Ghunna	Lo	0	AL
06bb	A/Letter Rnoon	Lo	0	AL
06bc	A/Letter Noon w Ring	Lo	0	AL
06bd	A/Letter Noon w Three Dots Above	Lo	0	AL
06be	A/Letter Heh Doachashmee	Lo	0	AL
06bf	A/Letter Tcheh w Dot Above	Lo	0	AL
06c0	A/Letter Heh w Yeh Above	Lo	0	AL
06c1	A/Letter Heh Goal	Lo	0	AL
06c2	A/Letter Heh Goal w Hamza Above	Lo	0	AL
06c3	A/Letter Teh Marbuta Goal	Lo	0	AL
06c4	A/Letter Waw w Ring	Lo	0	AL
06c5	A/Letter Kirghiz Oe	Lo	0	AL
06c6	A/Letter Oe	Lo	0	AL

06c7	A/Letter U	Lo	0	AL
06c8	A/Letter Yu	Lo	0	AL
06c9	A/Letter Kirghiz Yu	Lo	0	AL
06ca	A/Letter Waw w Two Dots Above	Lo	0	AL
06cb	A/Letter Ve	Lo	0	AL
06cc	A/Letter Farsi Yeh	Lo	0	AL
06cd	A/Letter Yeh w Tail	Lo	0	AL
06ce	A/Letter Yeh w Small V	Lo	0	AL
06cf	A/Letter Waw w Dot Above	Lo	0	AL
06d0	A/Letter E	Lo	0	AL
06d1	A/Letter Yeh w Three Dots Below	Lo	0	AL
06d2	A/Letter Yeh Barree	Lo	0	AL
06d3	A/Letter Yeh Barree w Hamza Above	Lo	0	AL
06d4	A/Full Stop	Po	0	AL
06d5	A/Letter Ae	Lo	0	AL
06d6	A/Small High Lig Sad w Lam w Alef Maksura	Mn	230	NSM
06d7	A/Small High Lig Qaf w Lam w Alef Maksura	Mn	230	NSM
06d8	A/Small High Meem Initial Form	Mn	230	NSM
06d9	A/Small High Lam Alef	Mn	230	NSM
06da	A/Small High Jeem	Mn	230	NSM
06db	A/Small High Three Dots	Mn	230	NSM
06dc	A/Small High Seen	Mn	230	NSM
06dd	A/End of Ayah	Cf	0	AL
06de	A/Start of Rub El Hizb	Me	0	NSM
06df	A/Small High Rounded Zero	Mn	230	NSM
06e0	A/Small High Upright Rectangular Zero	Mn	230	NSM
06e1	A/Small High Dotless Head of Khah	Mn	230	NSM
06e2	A/Small High Meem Isolated Form	Mn	230	NSM
06e3	A/Small Low Seen	Mn	220	NSM
06e4	A/Small High Madda	Mn	230	NSM
06e5	A/Small Waw	Lm	0	AL
06e6	A/Small Yeh	Lm	0	AL
06e7	A/Small High Yeh	Mn	230	NSM
06e8	A/Small High Noon	Mn	230	NSM
06e9	A/Place of Sajdah	So	0	ON
06ea	A/Empty Centre Low Stop	Mn	220	NSM
06eb	A/Empty Centre High Stop	Mn	230	NSM
06ec	A/Rounded High Stop w Filled Centre	Mn	230	NSM
06ed	A/Small Low Meem	Mn	220	NSM
06f0	Extended Arabic-Indic Digit Zero	Nd	0	EN
06f1	Extended Arabic-Indic Digit One	Nd	0	EN
06f2	Extended Arabic-Indic Digit Two	Nd	0	EN
06f3	Extended Arabic-Indic Digit Three	Nd	0	EN
06f4	Extended Arabic-Indic Digit Four	Nd	0	EN
06f5	Extended Arabic-Indic Digit Five	Nd	0	EN
06f6	Extended Arabic-Indic Digit Six	Nd	0	EN
06f7	Extended Arabic-Indic Digit Seven	Nd	0	EN
06f8	Extended Arabic-Indic Digit Eight	Nd	0	EN
06f9	Extended Arabic-Indic Digit Nine	Nd	0	EN
06fa	A/Letter Sheen w Dot Below	Lo	0	AL
06fb	A/Letter Dad w Dot Below	Lo	0	AL
06fc	A/Letter Ghain w Dot Below	Lo	0	AL
06fd	A/Sign Sindhi Ampersand	So	0	AL
06fe	A/Sign Sindhi Postposition Men	So	0	AL

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Syriac (0700 to 074F)
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Hex	Character	Gen	Cmb	Bid	Map
0700	Syriac End of Paragraph	Po	0	AL	
0701	Syriac Supralinear Full Stop	Po	0	AL	
0702	Syriac Sublinear Full Stop	Po	0	AL	
0703	Syriac Supralinear Colon	Po	0	AL	
0704	Syriac Sublinear Colon	Po	0	AL	
0705	Syriac Horiz Colon	Po	0	AL	
0706	Syriac Colon Skewed L	Po	0	AL	
0707	Syriac Colon Skewed R	Po	0	AL	
0708	Syriac Supralinear Colon Skewed L	Po	0	AL	
0709	Syriac Sublinear Colon Skewed R	Po	0	AL	
070a	Syriac Contraction	Po	0	AL	
070b	Syriac Harklean Obelus	Po	0	AL	
070c	Syriac Harklean Metobelus	Po	0	AL	
070d	Syriac Harklean Asteriscus	Po	0	AL	
070f	Syriac Abbreviation Mark	Cf	0	BN	
0710	Syriac Letter Alaph	Lo	0	AL	
0711	Syriac Letter Superscript Alaph	Mn	36	NSM	
0712	Syriac Letter Beth	Lo	0	AL	
0713	Syriac Letter Gamal	Lo	0	AL	
0714	Syriac Letter Gamal Garshuni	Lo	0	AL	
0715	Syriac Letter Dalath	Lo	0	AL	
0716	Syriac Letter Dotless Dalath Rish	Lo	0	AL	
0717	Syriac Letter He	Lo	0	AL	
0718	Syriac Letter Waw	Lo	0	AL	
0719	Syriac Letter Zain	Lo	0	AL	
071a	Syriac Letter Heth	Lo	0	AL	
071b	Syriac Letter Teth	Lo	0	AL	
071c	Syriac Letter Teth Garshuni	Lo	0	AL	
071d	Syriac Letter Yudh	Lo	0	AL	
071e	Syriac Letter Yudh He	Lo	0	AL	
071f	Syriac Letter Kaph	Lo	0	AL	
0720	Syriac Letter Lamadh	Lo	0	AL	
0721	Syriac Letter Mim	Lo	0	AL	
0722	Syriac Letter Nun	Lo	0	AL	
0723	Syriac Letter Semkath	Lo	0	AL	
0724	Syriac Letter Final Semkath	Lo	0	AL	
0725	Syriac Letter E	Lo	0	AL	
0726	Syriac Letter Pe	Lo	0	AL	
0727	Syriac Letter Reversed Pe	Lo	0	AL	
0728	Syriac Letter Sadhe	Lo	0	AL	
0729	Syriac Letter Qaph	Lo	0	AL	
072a	Syriac Letter Rish	Lo	0	AL	

072b	Syriac Letter Shin	Lo	0	AL
072c	Syriac Letter Taw	Lo	0	AL
0730	Syriac Pthaha Above	Mn	230	NSM
0731	Syriac Pthaha Below	Mn	220	NSM
0732	Syriac Pthaha Dotted	Mn	230	NSM
0733	Syriac Zqapha Above	Mn	230	NSM
0734	Syriac Zqapha Below	Mn	220	NSM
0735	Syriac Zqapha Dotted	Mn	230	NSM
0736	Syriac Rbasa Above	Mn	230	NSM
0737	Syriac Rbasa Below	Mn	220	NSM
0738	Syriac Dotted Zlama Horiz	Mn	220	NSM
0739	Syriac Dotted Zlama Angular	Mn	220	NSM
073a	Syriac Hbasa Above	Mn	230	NSM
073b	Syriac Hbasa Below	Mn	220	NSM
073c	Syriac Hbasa-Esasa Dotted	Mn	220	NSM
073d	Syriac Esasa Above	Mn	230	NSM
073e	Syriac Esasa Below	Mn	220	NSM
073f	Syriac Rwaha	Mn	230	NSM
0740	Syriac Feminine Dot	Mn	230	NSM
0741	Syriac Qushshaya	Mn	230	NSM
0742	Syriac Rukkakha	Mn	220	NSM
0743	Syriac Two Vert Dots Above	Mn	230	NSM
0744	Syriac Two Vert Dots Below	Mn	220	NSM
0745	Syriac Three Dots Above	Mn	230	NSM
0746	Syriac Three Dots Below	Mn	220	NSM
0747	Syriac Oblique Line Above	Mn	230	NSM
0748	Syriac Oblique Line Below	Mn	220	NSM
0749	Syriac Music	Mn	230	NSM
074a	Syriac Barrekh	Mn	230	NSM

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Thaana (0780 to 07BF)
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Hex	Character	Gen	Cmb	Bid	Map
0780	Thaana Letter Haa	Lo	0	AL	
0781	Thaana Letter Shaviyani	Lo	0	AL	
0782	Thaana Letter Noonu	Lo	0	AL	
0783	Thaana Letter Raa	Lo	0	AL	
0784	Thaana Letter Baa	Lo	0	AL	
0785	Thaana Letter Lhaviyani	Lo	0	AL	
0786	Thaana Letter Kaafu	Lo	0	AL	
0787	Thaana Letter Alifu	Lo	0	AL	
0788	Thaana Letter Vaavu	Lo	0	AL	
0789	Thaana Letter Meemu	Lo	0	AL	
078a	Thaana Letter Faafu	Lo	0	AL	
078b	Thaana Letter Dhaalu	Lo	0	AL	
078c	Thaana Letter Thaa	Lo	0	AL	
078d	Thaana Letter Laamu	Lo	0	AL	
078e	Thaana Letter Gaafu	Lo	0	AL	
078f	Thaana Letter Gnaviyani	Lo	0	AL	
0790	Thaana Letter Seenu	Lo	0	AL	
0791	Thaana Letter Daviyani	Lo	0	AL	
0792	Thaana Letter Zaviyani	Lo	0	AL	
0793	Thaana Letter Taviyani	Lo	0	AL	
0794	Thaana Letter Yaa	Lo	0	AL	
0795	Thaana Letter Paviyani	Lo	0	AL	
0796	Thaana Letter Javiyani	Lo	0	AL	
0797	Thaana Letter Chaviyani	Lo	0	AL	
0798	Thaana Letter Ttaa	Lo	0	AL	
0799	Thaana Letter Hhaa	Lo	0	AL	
079a	Thaana Letter Khaa	Lo	0	AL	
079b	Thaana Letter ThaaLu	Lo	0	AL	
079c	Thaana Letter Zaa	Lo	0	AL	
079d	Thaana Letter Sheenu	Lo	0	AL	
079e	Thaana Letter Saadhu	Lo	0	AL	
079f	Thaana Letter Daadhu	Lo	0	AL	
07a0	Thaana Letter to	Lo	0	AL	
07a1	Thaana Letter Zo	Lo	0	AL	
07a2	Thaana Letter AINU	Lo	0	AL	
07a3	Thaana Letter Ghainu	Lo	0	AL	
07a4	Thaana Letter Qaafu	Lo	0	AL	
07a5	Thaana Letter Waavu	Lo	0	AL	
07a6	Thaana Abafili	Mn	0	NSM	
07a7	Thaana Aabaafili	Mn	0	NSM	
07a8	Thaana Ibifili	Mn	0	NSM	
07a9	Thaana Eebeeefili	Mn	0	NSM	
07aa	Thaana Ubufili	Mn	0	NSM	
07ab	Thaana Ooboofili	Mn	0	NSM	
07ac	Thaana Ebeefili	Mn	0	NSM	
07ad	Thaana Eybeyfili	Mn	0	NSM	
07ae	Thaana Obofili	Mn	0	NSM	
07af	Thaana Oaboafili	Mn	0	NSM	
07b0	Thaana Sukun	Mn	0	NSM	
07b1	Thaana Letter Naa	Lo	0	AL	

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Devanagari (0900 to 097F)
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Hex	Character	Gen	Cmb	Bid	Map
0901	Devanagari Sign Candrabindu	Mn	0	NSM	
0902	Devanagari Sign Anusvara	Mn	0	NSM	
0903	Devanagari Sign Visarga	Mc	0	L	
0905	Devanagari Letter A	Lo	0	L	
0906	Devanagari Letter Aa	Lo	0	L	
0907	Devanagari Letter I	Lo	0	L	
0908	Devanagari Letter Ii	Lo	0	L	
0909	Devanagari Letter U	Lo	0	L	
090a	Devanagari Letter Uu	Lo	0	L	

090b	Devanagari Letter Vocalic R	Lo	0	L
090c	Devanagari Letter Vocalic L	Lo	0	L
090d	Devanagari Letter Candra E	Lo	0	L
090e	Devanagari Letter Short E	Lo	0	L
090f	Devanagari Letter E	Lo	0	L
0910	Devanagari Letter Ai	Lo	0	L
0911	Devanagari Letter Candra O	Lo	0	L
0912	Devanagari Letter Short O	Lo	0	L
0913	Devanagari Letter O	Lo	0	L
0914	Devanagari Letter Au	Lo	0	L
0915	Devanagari Letter Ka	Lo	0	L
0916	Devanagari Letter Kha	Lo	0	L
0917	Devanagari Letter Ga	Lo	0	L
0918	Devanagari Letter Gha	Lo	0	L
0919	Devanagari Letter Nga	Lo	0	L
091a	Devanagari Letter Ca	Lo	0	L
091b	Devanagari Letter Cha	Lo	0	L
091c	Devanagari Letter Ja	Lo	0	L
091d	Devanagari Letter Jha	Lo	0	L
091e	Devanagari Letter Nya	Lo	0	L
091f	Devanagari Letter Tta	Lo	0	L
0920	Devanagari Letter Ttha	Lo	0	L
0921	Devanagari Letter Dda	Lo	0	L
0922	Devanagari Letter Ddha	Lo	0	L
0923	Devanagari Letter Nna	Lo	0	L
0924	Devanagari Letter Ta	Lo	0	L
0925	Devanagari Letter Tha	Lo	0	L
0926	Devanagari Letter Da	Lo	0	L
0927	Devanagari Letter Dha	Lo	0	L
0928	Devanagari Letter Na	Lo	0	L
0929	Devanagari Letter Nna	Lo	0	L
092a	Devanagari Letter Pa	Lo	0	L
092b	Devanagari Letter Pha	Lo	0	L
092c	Devanagari Letter Ba	Lo	0	L
092d	Devanagari Letter Bha	Lo	0	L
092e	Devanagari Letter Ma	Lo	0	L
092f	Devanagari Letter Ya	Lo	0	L
0930	Devanagari Letter Ra	Lo	0	L
0931	Devanagari Letter Rra	Lo	0	L
0932	Devanagari Letter La	Lo	0	L
0933	Devanagari Letter Lla	Lo	0	L
0934	Devanagari Letter Llla	Lo	0	L
0935	Devanagari Letter Va	Lo	0	L
0936	Devanagari Letter Sha	Lo	0	L
0937	Devanagari Letter Ssa	Lo	0	L
0938	Devanagari Letter Sa	Lo	0	L
0939	Devanagari Letter Ha	Lo	0	L
093c	Devanagari Sign Nukta	Mn	7	NSM
093d	Devanagari Sign Avagraha	Lo	0	L
093e	Devanagari Vowel Sign Aa	Mc	0	L
093f	Devanagari Vowel Sign I	Mc	0	L
0940	Devanagari Vowel Sign Ii	Mc	0	L
0941	Devanagari Vowel Sign U	Mn	0	NSM
0942	Devanagari Vowel Sign Uu	Mn	0	NSM
0943	Devanagari Vowel Sign Vocalic R	Mn	0	NSM
0944	Devanagari Vowel Sign Vocalic Rr	Mn	0	NSM
0945	Devanagari Vowel Sign Candra E	Mn	0	NSM
0946	Devanagari Vowel Sign Short E	Mn	0	NSM
0947	Devanagari Vowel Sign E	Mn	0	NSM
0948	Devanagari Vowel Sign Ai	Mn	0	NSM
0949	Devanagari Vowel Sign Candra O	Mc	0	L
094a	Devanagari Vowel Sign Short O	Mc	0	L
094b	Devanagari Vowel Sign O	Mc	0	L
094c	Devanagari Vowel Sign Au	Mc	0	L
094d	Devanagari Sign Virama	Mn	9	NSM
0950	Devanagari Om	Lo	0	L
0951	Devanagari Stress Sign Udatta	Mn	230	NSM
0952	Devanagari Stress Sign Anudatta	Mn	220	NSM
0953	Devanagari Grave Accent	Mn	230	NSM
0954	Devanagari Acute Accent	Mn	230	NSM
0958	Devanagari Letter Qa	Lo	0	L
0959	Devanagari Letter Khha	Lo	0	L
095a	Devanagari Letter Ghha	Lo	0	L
095b	Devanagari Letter Za	Lo	0	L
095c	Devanagari Letter Dddha	Lo	0	L
095d	Devanagari Letter Rha	Lo	0	L
095e	Devanagari Letter Fa	Lo	0	L
095f	Devanagari Letter Yya	Lo	0	L
0960	Devanagari Letter Vocalic Rr	Lo	0	L
0961	Devanagari Letter Vocalic Ll	Lo	0	L
0962	Devanagari Vowel Sign Vocalic L	Mn	0	NSM
0963	Devanagari Vowel Sign Vocalic Ll	Mn	0	NSM
0964	Devanagari Danda	Po	0	L
0965	Devanagari Double Danda	Po	0	L
0966	Devanagari Digit Zero	Nd	0	L
0967	Devanagari Digit One	Nd	0	L
0968	Devanagari Digit Two	Nd	0	L
0969	Devanagari Digit Three	Nd	0	L
096a	Devanagari Digit Four	Nd	0	L
096b	Devanagari Digit Five	Nd	0	L
096c	Devanagari Digit Six	Nd	0	L
096d	Devanagari Digit Seven	Nd	0	L
096e	Devanagari Digit Eight	Nd	0	L
096f	Devanagari Digit Nine	Nd	0	L
0970	Devanagari Abbreviation Sign	Po	0	L

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Bengali (0980 to 09FF)
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Hex	Character	Gen	Cmb	Bid	Map
0981	Bengali Sign Candrabindu	Mn	0	NSM	

0982	Bengali Sign Anusvara	Mc	0	L
0983	Bengali Sign Visarga	Mc	0	L
0985	Bengali Letter A	Lo	0	L
0986	Bengali Letter Aa	Lo	0	L
0987	Bengali Letter I	Lo	0	L
0988	Bengali Letter Ii	Lo	0	L
0989	Bengali Letter U	Lo	0	L
098a	Bengali Letter Uu	Lo	0	L
098b	Bengali Letter Vocalic R	Lo	0	L
098c	Bengali Letter Vocalic L	Lo	0	L
098f	Bengali Letter E	Lo	0	L
0990	Bengali Letter Ai	Lo	0	L
0993	Bengali Letter O	Lo	0	L
0994	Bengali Letter Au	Lo	0	L
0995	Bengali Letter Ka	Lo	0	L
0996	Bengali Letter Kha	Lo	0	L
0997	Bengali Letter Ga	Lo	0	L
0998	Bengali Letter Gha	Lo	0	L
0999	Bengali Letter Nga	Lo	0	L
099a	Bengali Letter Ca	Lo	0	L
099b	Bengali Letter Cha	Lo	0	L
099c	Bengali Letter Ja	Lo	0	L
099d	Bengali Letter Jha	Lo	0	L
099e	Bengali Letter Nya	Lo	0	L
099f	Bengali Letter Tta	Lo	0	L
09a0	Bengali Letter Ttha	Lo	0	L
09a1	Bengali Letter Dda	Lo	0	L
09a2	Bengali Letter Ddha	Lo	0	L
09a3	Bengali Letter Nna	Lo	0	L
09a4	Bengali Letter Ta	Lo	0	L
09a5	Bengali Letter Tha	Lo	0	L
09a6	Bengali Letter Da	Lo	0	L
09a7	Bengali Letter Dha	Lo	0	L
09a8	Bengali Letter Na	Lo	0	L
09aa	Bengali Letter Pa	Lo	0	L
09ab	Bengali Letter Pha	Lo	0	L
09ac	Bengali Letter Ba	Lo	0	L
09ad	Bengali Letter Bha	Lo	0	L
09ae	Bengali Letter Ma	Lo	0	L
09af	Bengali Letter Ya	Lo	0	L
09b0	Bengali Letter Ra	Lo	0	L
09b2	Bengali Letter La	Lo	0	L
09b6	Bengali Letter Sha	Lo	0	L
09b7	Bengali Letter Ssa	Lo	0	L
09b8	Bengali Letter Sa	Lo	0	L
09b9	Bengali Letter Ha	Lo	0	L
09bc	Bengali Sign Nukta	Mn	7	NSM
09be	Bengali Vowel Sign Aa	Mc	0	L
09bf	Bengali Vowel Sign I	Mc	0	L
09c0	Bengali Vowel Sign Ii	Mc	0	L
09c1	Bengali Vowel Sign U	Mn	0	NSM
09c2	Bengali Vowel Sign Uu	Mn	0	NSM
09c3	Bengali Vowel Sign Vocalic R	Mn	0	NSM
09c4	Bengali Vowel Sign Vocalic Rr	Mn	0	NSM
09c7	Bengali Vowel Sign E	Mc	0	L
09c8	Bengali Vowel Sign Ai	Mc	0	L
09cb	Bengali Vowel Sign O	Mc	0	L
09cc	Bengali Vowel Sign Au	Mc	0	L
09cd	Bengali Sign Virama	Mn	9	NSM
09d7	Bengali Au Length Mark	Mc	0	L
09dc	Bengali Letter Rra	Lo	0	L
09dd	Bengali Letter Rha	Lo	0	L
09df	Bengali Letter Yya	Lo	0	L
09e0	Bengali Letter Vocalic Rr	Lo	0	L
09e1	Bengali Letter Vocalic Ll	Lo	0	L
09e2	Bengali Vowel Sign Vocalic L	Mn	0	NSM
09e3	Bengali Vowel Sign Vocalic Ll	Mn	0	NSM
09e6	Bengali Digit Zero	Nd	0	L
09e7	Bengali Digit One	Nd	0	L
09e8	Bengali Digit Two	Nd	0	L
09e9	Bengali Digit Three	Nd	0	L
09ea	Bengali Digit Four	Nd	0	L
09eb	Bengali Digit Five	Nd	0	L
09ec	Bengali Digit Six	Nd	0	L
09ed	Bengali Digit Seven	Nd	0	L
09ee	Bengali Digit Eight	Nd	0	L
09ef	Bengali Digit Nine	Nd	0	L
09f0	Bengali Letter Ra w Middle Diagonal	Lo	0	L
09f1	Bengali Letter Ra w Lower Diagonal	Lo	0	L
09f2	Bengali Rupee Mark	Sc	0	ET
09f3	Bengali Rupee Sign	Sc	0	ET
09f4	Bengali Currency Numerator One	No	0	L
09f5	Bengali Currency Numerator Two	No	0	L
09f6	Bengali Currency Numerator Three	No	0	L
09f7	Bengali Currency Numerator Four	No	0	L
09f8	Bengali Currency Numerator One Less Than Denominator	No	0	L
09f9	Bengali Currency Denominator Sixteen	No	0	L
09fa	Bengali Isshar	So	0	L

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Gurmukhi (0A00 to 0A7F)
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Hex	Character	Gen	Cmb	Bid	Map
0a02	Gurmukhi Sign Bindī	Mn	0	NSM	
0a05	Gurmukhi Letter A	Lo	0	L	
0a06	Gurmukhi Letter Aa	Lo	0	L	
0a07	Gurmukhi Letter I	Lo	0	L	
0a08	Gurmukhi Letter Ii	Lo	0	L	
0a09	Gurmukhi Letter U	Lo	0	L	
0a0a	Gurmukhi Letter Uu	Lo	0	L	
0a0f	Gurmukhi Letter Ee	Lo	0	L	

0a10	Gurmukhi Letter Ai	Lo	0	L
0a13	Gurmukhi Letter Oo	Lo	0	L
0a14	Gurmukhi Letter Au	Lo	0	L
0a15	Gurmukhi Letter Ka	Lo	0	L
0a16	Gurmukhi Letter Kha	Lo	0	L
0a17	Gurmukhi Letter Ga	Lo	0	L
0a18	Gurmukhi Letter Gha	Lo	0	L
0a19	Gurmukhi Letter Nga	Lo	0	L
0a1a	Gurmukhi Letter Ca	Lo	0	L
0a1b	Gurmukhi Letter Cha	Lo	0	L
0a1c	Gurmukhi Letter Ja	Lo	0	L
0a1d	Gurmukhi Letter Jha	Lo	0	L
0a1e	Gurmukhi Letter Nya	Lo	0	L
0a1f	Gurmukhi Letter Tta	Lo	0	L
0a20	Gurmukhi Letter Ttha	Lo	0	L
0a21	Gurmukhi Letter Dda	Lo	0	L
0a22	Gurmukhi Letter Ddha	Lo	0	L
0a23	Gurmukhi Letter Nna	Lo	0	L
0a24	Gurmukhi Letter Ta	Lo	0	L
0a25	Gurmukhi Letter Tha	Lo	0	L
0a26	Gurmukhi Letter Da	Lo	0	L
0a27	Gurmukhi Letter Dha	Lo	0	L
0a28	Gurmukhi Letter Na	Lo	0	L
0a2a	Gurmukhi Letter Pa	Lo	0	L
0a2b	Gurmukhi Letter Pha	Lo	0	L
0a2c	Gurmukhi Letter Ba	Lo	0	L
0a2d	Gurmukhi Letter Bha	Lo	0	L
0a2e	Gurmukhi Letter Ma	Lo	0	L
0a2f	Gurmukhi Letter Ya	Lo	0	L
0a30	Gurmukhi Letter Ra	Lo	0	L
0a32	Gurmukhi Letter La	Lo	0	L
0a33	Gurmukhi Letter Lla	Lo	0	L
0a35	Gurmukhi Letter Va	Lo	0	L
0a36	Gurmukhi Letter Sha	Lo	0	L
0a38	Gurmukhi Letter Sa	Lo	0	L
0a39	Gurmukhi Letter Ha	Lo	0	L
0a3c	Gurmukhi Sign Nukta	Mn	7	NSM
0a3e	Gurmukhi Vowel Sign Aa	Mc	0	L
0a3f	Gurmukhi Vowel Sign I	Mc	0	L
0a40	Gurmukhi Vowel Sign Ii	Mc	0	L
0a41	Gurmukhi Vowel Sign U	Mn	0	NSM
0a42	Gurmukhi Vowel Sign Uu	Mn	0	NSM
0a47	Gurmukhi Vowel Sign Ee	Mn	0	NSM
0a48	Gurmukhi Vowel Sign Ai	Mn	0	NSM
0a4b	Gurmukhi Vowel Sign Oo	Mn	0	NSM
0a4c	Gurmukhi Vowel Sign Au	Mn	0	NSM
0a4d	Gurmukhi Sign Virama	Mn	9	NSM
0a59	Gurmukhi Letter Khha	Lo	0	L
0a5a	Gurmukhi Letter Ghha	Lo	0	L
0a5b	Gurmukhi Letter Za	Lo	0	L
0a5c	Gurmukhi Letter Rra	Lo	0	L
0a5e	Gurmukhi Letter Fa	Lo	0	L
0a66	Gurmukhi Digit Zero	Nd	0	L
0a67	Gurmukhi Digit One	Nd	0	L
0a68	Gurmukhi Digit Two	Nd	0	L
0a69	Gurmukhi Digit Three	Nd	0	L
0a6a	Gurmukhi Digit Four	Nd	0	L
0a6b	Gurmukhi Digit Five	Nd	0	L
0a6c	Gurmukhi Digit Six	Nd	0	L
0a6d	Gurmukhi Digit Seven	Nd	0	L
0a6e	Gurmukhi Digit Eight	Nd	0	L
0a6f	Gurmukhi Digit Nine	Nd	0	L
0a70	Gurmukhi Tippi	Mn	0	NSM
0a71	Gurmukhi Addak	Mn	0	NSM
0a72	Gurmukhi Iri	Lo	0	L
0a73	Gurmukhi Ura	Lo	0	L
0a74	Gurmukhi Ek Onkar	Lo	0	L

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Gujarati (0A80 to 0AFF)

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Hex	Character	Gen	Cmb	Bid	Map
0a81	Gujarati Sign Candrabindu	Mn	0	NSM	
0a82	Gujarati Sign Anusvara	Mn	0	NSM	
0a83	Gujarati Sign Visarga	Mc	0	L	
0a85	Gujarati Letter A	Lo	0	L	
0a86	Gujarati Letter Aa	Lo	0	L	
0a87	Gujarati Letter I	Lo	0	L	
0a88	Gujarati Letter Ii	Lo	0	L	
0a89	Gujarati Letter U	Lo	0	L	
0a8a	Gujarati Letter Uu	Lo	0	L	
0a8b	Gujarati Letter Vocalic R	Lo	0	L	
0a8d	Gujarati Vowel Candra E	Lo	0	L	
0a8f	Gujarati Letter E	Lo	0	L	
0a90	Gujarati Letter Ai	Lo	0	L	
0a91	Gujarati Vowel Candra O	Lo	0	L	
0a93	Gujarati Letter O	Lo	0	L	
0a94	Gujarati Letter Au	Lo	0	L	
0a95	Gujarati Letter Ka	Lo	0	L	
0a96	Gujarati Letter Kha	Lo	0	L	
0a97	Gujarati Letter Ga	Lo	0	L	
0a98	Gujarati Letter Gha	Lo	0	L	
0a99	Gujarati Letter Nga	Lo	0	L	
0a9a	Gujarati Letter Ca	Lo	0	L	
0a9b	Gujarati Letter Cha	Lo	0	L	
0a9c	Gujarati Letter Ja	Lo	0	L	
0a9d	Gujarati Letter Jha	Lo	0	L	
0a9e	Gujarati Letter Nya	Lo	0	L	
0a9f	Gujarati Letter Tta	Lo	0	L	
0aa0	Gujarati Letter Ttha	Lo	0	L	
0aa1	Gujarati Letter Dda	Lo	0	L	

0aa2	Gujarati Letter Ddha	Lo	0	L
0aa3	Gujarati Letter Nna	Lo	0	L
0aa4	Gujarati Letter Ta	Lo	0	L
0aa5	Gujarati Letter Tha	Lo	0	L
0aa6	Gujarati Letter Da	Lo	0	L
0aa7	Gujarati Letter Dha	Lo	0	L
0aa8	Gujarati Letter Na	Lo	0	L
0aaa	Gujarati Letter Pa	Lo	0	L
0aab	Gujarati Letter Pha	Lo	0	L
0aac	Gujarati Letter Ba	Lo	0	L
0aad	Gujarati Letter Bha	Lo	0	L
0aae	Gujarati Letter Ma	Lo	0	L
0aaf	Gujarati Letter Ya	Lo	0	L
0ab0	Gujarati Letter Ra	Lo	0	L
0ab2	Gujarati Letter La	Lo	0	L
0ab3	Gujarati Letter Lla	Lo	0	L
0ab5	Gujarati Letter Va	Lo	0	L
0ab6	Gujarati Letter Sha	Lo	0	L
0ab7	Gujarati Letter Ssa	Lo	0	L
0ab8	Gujarati Letter Sa	Lo	0	L
0ab9	Gujarati Letter Ha	Lo	0	L
0abc	Gujarati Sign Nukta	Mn	7	NSM
0abd	Gujarati Sign Avagraha	Lo	0	L
0abe	Gujarati Vowel Sign Aa	Mc	0	L
0abf	Gujarati Vowel Sign I	Mc	0	L
0ac0	Gujarati Vowel Sign Ii	Mc	0	L
0ac1	Gujarati Vowel Sign U	Mn	0	NSM
0ac2	Gujarati Vowel Sign Uu	Mn	0	NSM
0ac3	Gujarati Vowel Sign Vocalic R	Mn	0	NSM
0ac4	Gujarati Vowel Sign Vocalic Rr	Mn	0	NSM
0ac5	Gujarati Vowel Sign Candra E	Mn	0	NSM
0ac7	Gujarati Vowel Sign E	Mn	0	NSM
0ac8	Gujarati Vowel Sign Ai	Mn	0	NSM
0ac9	Gujarati Vowel Sign Candra O	Mc	0	L
0acb	Gujarati Vowel Sign O	Mc	0	L
0acc	Gujarati Vowel Sign Au	Mc	0	L
0acd	Gujarati Sign Virama	Mn	9	NSM
0ad0	Gujarati Om	Lo	0	L
0ae0	Gujarati Letter Vocalic Rr	Lo	0	L
0ae6	Gujarati Digit Zero	Nd	0	L
0ae7	Gujarati Digit One	Nd	0	L
0ae8	Gujarati Digit Two	Nd	0	L
0ae9	Gujarati Digit Three	Nd	0	L
0aea	Gujarati Digit Four	Nd	0	L
0aeb	Gujarati Digit Five	Nd	0	L
0aec	Gujarati Digit Six	Nd	0	L
0aed	Gujarati Digit Seven	Nd	0	L
0aee	Gujarati Digit Eight	Nd	0	L
0aef	Gujarati Digit Nine	Nd	0	L

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Oriya (0B00 to 0B7F)
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Hex	Character	Gen	Cmb	Bid	Map
0b01	Oriya Sign Candrabindu	Mn	0	NSM	
0b02	Oriya Sign Anusvara	Mc	0	L	
0b03	Oriya Sign Visarga	Mc	0	L	
0b05	Oriya Letter A	Lo	0	L	
0b06	Oriya Letter Aa	Lo	0	L	
0b07	Oriya Letter I	Lo	0	L	
0b08	Oriya Letter Ii	Lo	0	L	
0b09	Oriya Letter U	Lo	0	L	
0b0a	Oriya Letter Uu	Lo	0	L	
0b0b	Oriya Letter Vocalic R	Lo	0	L	
0b0c	Oriya Letter Vocalic L	Lo	0	L	
0b0f	Oriya Letter E	Lo	0	L	
0b10	Oriya Letter Ai	Lo	0	L	
0b13	Oriya Letter O	Lo	0	L	
0b14	Oriya Letter Au	Lo	0	L	
0b15	Oriya Letter Ka	Lo	0	L	
0b16	Oriya Letter Kha	Lo	0	L	
0b17	Oriya Letter Ga	Lo	0	L	
0b18	Oriya Letter Gha	Lo	0	L	
0b19	Oriya Letter Nga	Lo	0	L	
0b1a	Oriya Letter Ca	Lo	0	L	
0b1b	Oriya Letter Cha	Lo	0	L	
0b1c	Oriya Letter Ja	Lo	0	L	
0b1d	Oriya Letter Jha	Lo	0	L	
0b1e	Oriya Letter Nya	Lo	0	L	
0b1f	Oriya Letter Tta	Lo	0	L	
0b20	Oriya Letter Ttha	Lo	0	L	
0b21	Oriya Letter Dda	Lo	0	L	
0b22	Oriya Letter Ddha	Lo	0	L	
0b23	Oriya Letter Nna	Lo	0	L	
0b24	Oriya Letter Ta	Lo	0	L	
0b25	Oriya Letter Tha	Lo	0	L	
0b26	Oriya Letter Da	Lo	0	L	
0b27	Oriya Letter Dha	Lo	0	L	
0b28	Oriya Letter Na	Lo	0	L	
0b2a	Oriya Letter Pa	Lo	0	L	
0b2b	Oriya Letter Pha	Lo	0	L	
0b2c	Oriya Letter Ba	Lo	0	L	
0b2d	Oriya Letter Bha	Lo	0	L	
0b2e	Oriya Letter Ma	Lo	0	L	
0b2f	Oriya Letter Ya	Lo	0	L	
0b30	Oriya Letter Ra	Lo	0	L	
0b32	Oriya Letter La	Lo	0	L	
0b33	Oriya Letter Lla	Lo	0	L	
0b36	Oriya Letter Sha	Lo	0	L	
0b37	Oriya Letter Ssa	Lo	0	L	
0b38	Oriya Letter Sa	Lo	0	L	

0b39	Oriya Letter Ha	Lo	0	L
0b3c	Oriya Sign Nukta	Mn	7	NSM
0b3d	Oriya Sign Avagraha	Lo	0	L
0b3e	Oriya Vowel Sign Aa	Mc	0	L
0b3f	Oriya Vowel Sign I	Mn	0	NSM
0b40	Oriya Vowel Sign Ii	Mc	0	L
0b41	Oriya Vowel Sign U	Mn	0	NSM
0b42	Oriya Vowel Sign Uu	Mn	0	NSM
0b43	Oriya Vowel Sign Vocalic R	Mn	0	NSM
0b47	Oriya Vowel Sign E	Mc	0	L
0b48	Oriya Vowel Sign Ai	Mc	0	L
0b4b	Oriya Vowel Sign O	Mc	0	L
0b4c	Oriya Vowel Sign Au	Mc	0	L
0b4d	Oriya Sign Virama	Mn	9	NSM
0b56	Oriya Ai Length Mark	Mn	0	NSM
0b57	Oriya Au Length Mark	Mc	0	L
0b5c	Oriya Letter Rra	Lo	0	L
0b5d	Oriya Letter Rha	Lo	0	L
0b5f	Oriya Letter Yya	Lo	0	L
0b60	Oriya Letter Vocalic Rr	Lo	0	L
0b61	Oriya Letter Vocalic Ll	Lo	0	L
0b66	Oriya Digit Zero	Nd	0	L
0b67	Oriya Digit One	Nd	0	L
0b68	Oriya Digit Two	Nd	0	L
0b69	Oriya Digit Three	Nd	0	L
0b6a	Oriya Digit Four	Nd	0	L
0b6b	Oriya Digit Five	Nd	0	L
0b6c	Oriya Digit Six	Nd	0	L
0b6d	Oriya Digit Seven	Nd	0	L
0b6e	Oriya Digit Eight	Nd	0	L
0b6f	Oriya Digit Nine	Nd	0	L
0b70	Oriya Isshar	So	0	L

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Tamil (0B80 to 0BFF)
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Hex	Character	Gen	Cmb	Bid	Map
0b82	Tamil Sign Anusvara	Mn	0	NSM	
0b83	Tamil Sign Visarga	Lo	0	L	
0b85	Tamil Letter A	Lo	0	L	
0b86	Tamil Letter Aa	Lo	0	L	
0b87	Tamil Letter I	Lo	0	L	
0b88	Tamil Letter Ii	Lo	0	L	
0b89	Tamil Letter U	Lo	0	L	
0b8a	Tamil Letter Uu	Lo	0	L	
0b8e	Tamil Letter E	Lo	0	L	
0b8f	Tamil Letter Ee	Lo	0	L	
0b90	Tamil Letter Ai	Lo	0	L	
0b92	Tamil Letter O	Lo	0	L	
0b93	Tamil Letter Oo	Lo	0	L	
0b94	Tamil Letter Au	Lo	0	L	
0b95	Tamil Letter Ka	Lo	0	L	
0b99	Tamil Letter Nga	Lo	0	L	
0b9a	Tamil Letter Ca	Lo	0	L	
0b9c	Tamil Letter Ja	Lo	0	L	
0b9e	Tamil Letter Nya	Lo	0	L	
0b9f	Tamil Letter Tta	Lo	0	L	
0ba3	Tamil Letter Nna	Lo	0	L	
0ba4	Tamil Letter Ta	Lo	0	L	
0ba8	Tamil Letter Na	Lo	0	L	
0ba9	Tamil Letter Nnna	Lo	0	L	
0baa	Tamil Letter Pa	Lo	0	L	
0bae	Tamil Letter Ma	Lo	0	L	
0baf	Tamil Letter Ya	Lo	0	L	
0bb0	Tamil Letter Ra	Lo	0	L	
0bb1	Tamil Letter Rra	Lo	0	L	
0bb2	Tamil Letter La	Lo	0	L	
0bb3	Tamil Letter Lla	Lo	0	L	
0bb4	Tamil Letter Llla	Lo	0	L	
0bb5	Tamil Letter Va	Lo	0	L	
0bb7	Tamil Letter Ssa	Lo	0	L	
0bb8	Tamil Letter Sa	Lo	0	L	
0bb9	Tamil Letter Ha	Lo	0	L	
0bbe	Tamil Vowel Sign Aa	Mc	0	L	
0bbf	Tamil Vowel Sign I	Mc	0	L	
0bc0	Tamil Vowel Sign Ii	Mn	0	NSM	
0bc1	Tamil Vowel Sign U	Mc	0	L	
0bc2	Tamil Vowel Sign Uu	Mc	0	L	
0bc6	Tamil Vowel Sign E	Mc	0	L	
0bc7	Tamil Vowel Sign Ee	Mc	0	L	
0bc8	Tamil Vowel Sign Ai	Mc	0	L	
0bca	Tamil Vowel Sign O	Mc	0	L	
0bcb	Tamil Vowel Sign Oo	Mc	0	L	
0bcc	Tamil Vowel Sign Au	Mc	0	L	
0bcd	Tamil Sign Virama	Mn	9	NSM	
0bd7	Tamil Au Length Mark	Mc	0	L	
0be7	Tamil Digit One	Nd	0	L	
0be8	Tamil Digit Two	Nd	0	L	
0be9	Tamil Digit Three	Nd	0	L	
0bea	Tamil Digit Four	Nd	0	L	
0beb	Tamil Digit Five	Nd	0	L	
0bec	Tamil Digit Six	Nd	0	L	
0bed	Tamil Digit Seven	Nd	0	L	
0bee	Tamil Digit Eight	Nd	0	L	
0bef	Tamil Digit Nine	Nd	0	L	
0bf0	Tamil Number Ten	No	0	L	
0bf1	Tamil Number One Hundred	No	0	L	
0bf2	Tamil Number One Thousand	No	0	L	

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Telugu (0C00 to 0C7F)

Hex	Character	Gen	Cmb	Bid	Map
0c01	Telugu Sign Candrabindu	Mc	0	L	
0c02	Telugu Sign Anusvara	Mc	0	L	
0c03	Telugu Sign Visarga	Mc	0	L	
0c05	Telugu Letter A	Lo	0	L	
0c06	Telugu Letter Aa	Lo	0	L	
0c07	Telugu Letter I	Lo	0	L	
0c08	Telugu Letter Ii	Lo	0	L	
0c09	Telugu Letter U	Lo	0	L	
0c0a	Telugu Letter Uu	Lo	0	L	
0c0b	Telugu Letter Vocalic R	Lo	0	L	
0c0c	Telugu Letter Vocalic L	Lo	0	L	
0c0e	Telugu Letter E	Lo	0	L	
0c0f	Telugu Letter Ee	Lo	0	L	
0c10	Telugu Letter Ai	Lo	0	L	
0c12	Telugu Letter O	Lo	0	L	
0c13	Telugu Letter Oo	Lo	0	L	
0c14	Telugu Letter Au	Lo	0	L	
0c15	Telugu Letter Ka	Lo	0	L	
0c16	Telugu Letter Kha	Lo	0	L	
0c17	Telugu Letter Ga	Lo	0	L	
0c18	Telugu Letter Gha	Lo	0	L	
0c19	Telugu Letter Nga	Lo	0	L	
0c1a	Telugu Letter Ca	Lo	0	L	
0c1b	Telugu Letter Cha	Lo	0	L	
0c1c	Telugu Letter Ja	Lo	0	L	
0c1d	Telugu Letter Jha	Lo	0	L	
0c1e	Telugu Letter Nya	Lo	0	L	
0c1f	Telugu Letter Tta	Lo	0	L	
0c20	Telugu Letter Ttha	Lo	0	L	
0c21	Telugu Letter Dda	Lo	0	L	
0c22	Telugu Letter Ddha	Lo	0	L	
0c23	Telugu Letter Nna	Lo	0	L	
0c24	Telugu Letter Ta	Lo	0	L	
0c25	Telugu Letter Tha	Lo	0	L	
0c26	Telugu Letter Da	Lo	0	L	
0c27	Telugu Letter Dha	Lo	0	L	
0c28	Telugu Letter Na	Lo	0	L	
0c2a	Telugu Letter Pa	Lo	0	L	
0c2b	Telugu Letter Pha	Lo	0	L	
0c2c	Telugu Letter Ba	Lo	0	L	
0c2d	Telugu Letter Bha	Lo	0	L	
0c2e	Telugu Letter Ma	Lo	0	L	
0c2f	Telugu Letter Ya	Lo	0	L	
0c30	Telugu Letter Ra	Lo	0	L	
0c31	Telugu Letter Rra	Lo	0	L	
0c32	Telugu Letter La	Lo	0	L	
0c33	Telugu Letter Lla	Lo	0	L	
0c35	Telugu Letter Va	Lo	0	L	
0c36	Telugu Letter Sha	Lo	0	L	
0c37	Telugu Letter Ssa	Lo	0	L	
0c38	Telugu Letter Sa	Lo	0	L	
0c39	Telugu Letter Ha	Lo	0	L	
0c3e	Telugu Vowel Sign Aa	Mn	0	NSM	
0c3f	Telugu Vowel Sign I	Mn	0	NSM	
0c40	Telugu Vowel Sign Ii	Mn	0	NSM	
0c41	Telugu Vowel Sign U	Mc	0	L	
0c42	Telugu Vowel Sign Uu	Mc	0	L	
0c43	Telugu Vowel Sign Vocalic R	Mc	0	L	
0c44	Telugu Vowel Sign Vocalic Rr	Mc	0	L	
0c46	Telugu Vowel Sign E	Mn	0	NSM	
0c47	Telugu Vowel Sign Ee	Mn	0	NSM	
0c48	Telugu Vowel Sign Ai	Mn	0	NSM	
0c4a	Telugu Vowel Sign O	Mn	0	NSM	
0c4b	Telugu Vowel Sign Oo	Mn	0	NSM	
0c4c	Telugu Vowel Sign Au	Mn	0	NSM	
0c4d	Telugu Sign Virama	Mn	9	NSM	
0c55	Telugu Length Mark	Mn	84	NSM	
0c56	Telugu Ai Length Mark	Mn	91	NSM	
0c60	Telugu Letter Vocalic Rr	Lo	0	L	
0c61	Telugu Letter Vocalic Ll	Lo	0	L	
0c66	Telugu Digit Zero	Nd	0	L	
0c67	Telugu Digit One	Nd	0	L	
0c68	Telugu Digit Two	Nd	0	L	
0c69	Telugu Digit Three	Nd	0	L	
0c6a	Telugu Digit Four	Nd	0	L	
0c6b	Telugu Digit Five	Nd	0	L	
0c6c	Telugu Digit Six	Nd	0	L	
0c6d	Telugu Digit Seven	Nd	0	L	
0c6e	Telugu Digit Eight	Nd	0	L	
0c6f	Telugu Digit Nine	Nd	0	L	

Kannada (0C80 to 0CFF)

Hex	Character	Gen	Cmb	Bid	Map
0c82	Kannada Sign Anusvara	Mc	0	L	
0c83	Kannada Sign Visarga	Mc	0	L	
0c85	Kannada Letter A	Lo	0	L	
0c86	Kannada Letter Aa	Lo	0	L	
0c87	Kannada Letter I	Lo	0	L	
0c88	Kannada Letter Ii	Lo	0	L	
0c89	Kannada Letter U	Lo	0	L	
0c8a	Kannada Letter Uu	Lo	0	L	
0c8b	Kannada Letter Vocalic R	Lo	0	L	
0c8c	Kannada Letter Vocalic L	Lo	0	L	
0c8e	Kannada Letter E	Lo	0	L	

0c8f	Kannada Letter Ee	Lo	0	L
0c90	Kannada Letter Ai	Lo	0	L
0c92	Kannada Letter O	Lo	0	L
0c93	Kannada Letter Oo	Lo	0	L
0c94	Kannada Letter Au	Lo	0	L
0c95	Kannada Letter Ka	Lo	0	L
0c96	Kannada Letter Kha	Lo	0	L
0c97	Kannada Letter Ga	Lo	0	L
0c98	Kannada Letter Gha	Lo	0	L
0c99	Kannada Letter Nga	Lo	0	L
0c9a	Kannada Letter Ca	Lo	0	L
0c9b	Kannada Letter Cha	Lo	0	L
0c9c	Kannada Letter Ja	Lo	0	L
0c9d	Kannada Letter Jha	Lo	0	L
0c9e	Kannada Letter Nya	Lo	0	L
0c9f	Kannada Letter Tta	Lo	0	L
0ca0	Kannada Letter Ttha	Lo	0	L
0ca1	Kannada Letter Dda	Lo	0	L
0ca2	Kannada Letter Ddha	Lo	0	L
0ca3	Kannada Letter Nna	Lo	0	L
0ca4	Kannada Letter Ta	Lo	0	L
0ca5	Kannada Letter Tha	Lo	0	L
0ca6	Kannada Letter Da	Lo	0	L
0ca7	Kannada Letter Dha	Lo	0	L
0ca8	Kannada Letter Na	Lo	0	L
0caa	Kannada Letter Pa	Lo	0	L
0cab	Kannada Letter Pha	Lo	0	L
0cac	Kannada Letter Ba	Lo	0	L
0cad	Kannada Letter Bha	Lo	0	L
0cae	Kannada Letter Ma	Lo	0	L
0caf	Kannada Letter Ya	Lo	0	L
0cb0	Kannada Letter Ra	Lo	0	L
0cb1	Kannada Letter Rra	Lo	0	L
0cb2	Kannada Letter La	Lo	0	L
0cb3	Kannada Letter Lla	Lo	0	L
0cb5	Kannada Letter Va	Lo	0	L
0cb6	Kannada Letter Sha	Lo	0	L
0cb7	Kannada Letter Ssa	Lo	0	L
0cb8	Kannada Letter Sa	Lo	0	L
0cb9	Kannada Letter Ha	Lo	0	L
0cbe	Kannada Vowel Sign Aa	Mc	0	L
0cbf	Kannada Vowel Sign I	Mn	0	NSM
0cc0	Kannada Vowel Sign Ii	Mc	0	L
0cc1	Kannada Vowel Sign U	Mc	0	L
0cc2	Kannada Vowel Sign Uu	Mc	0	L
0cc3	Kannada Vowel Sign Vocalic R	Mc	0	L
0cc4	Kannada Vowel Sign Vocalic Rr	Mc	0	L
0cc6	Kannada Vowel Sign E	Mn	0	NSM
0cc7	Kannada Vowel Sign Ee	Mc	0	L
0cc8	Kannada Vowel Sign Ai	Mc	0	L
0cca	Kannada Vowel Sign O	Mc	0	L
0ccb	Kannada Vowel Sign Oo	Mc	0	L
0ccc	Kannada Vowel Sign Au	Mn	0	NSM
0ccd	Kannada Sign Virama	Mn	9	NSM
0cd5	Kannada Length Mark	Mc	0	L
0cd6	Kannada Ai Length Mark	Mc	0	L
0cde	Kannada Letter Fa	Lo	0	L
0ce0	Kannada Letter Vocalic Rr	Lo	0	L
0ce1	Kannada Letter Vocalic Ll	Lo	0	L
0ce6	Kannada Digit Zero	Nd	0	L
0ce7	Kannada Digit One	Nd	0	L
0ce8	Kannada Digit Two	Nd	0	L
0ce9	Kannada Digit Three	Nd	0	L
0cea	Kannada Digit Four	Nd	0	L
0ceb	Kannada Digit Five	Nd	0	L
0cec	Kannada Digit Six	Nd	0	L
0ced	Kannada Digit Seven	Nd	0	L
0cee	Kannada Digit Eight	Nd	0	L
0cef	Kannada Digit Nine	Nd	0	L

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Malayalam (0D00 to 0D7F)
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Hex	Character	Gen	Cmb	Bid	Map
0d02	Malayalam Sign Anusvara	Mc	0	L	
0d03	Malayalam Sign Visarga	Mc	0	L	
0d05	Malayalam Letter A	Lo	0	L	
0d06	Malayalam Letter Aa	Lo	0	L	
0d07	Malayalam Letter I	Lo	0	L	
0d08	Malayalam Letter Ii	Lo	0	L	
0d09	Malayalam Letter U	Lo	0	L	
0d0a	Malayalam Letter Uu	Lo	0	L	
0d0b	Malayalam Letter Vocalic R	Lo	0	L	
0d0c	Malayalam Letter Vocalic L	Lo	0	L	
0d0e	Malayalam Letter E	Lo	0	L	
0d0f	Malayalam Letter Ee	Lo	0	L	
0d10	Malayalam Letter Ai	Lo	0	L	
0d12	Malayalam Letter O	Lo	0	L	
0d13	Malayalam Letter Oo	Lo	0	L	
0d14	Malayalam Letter Au	Lo	0	L	
0d15	Malayalam Letter Ka	Lo	0	L	
0d16	Malayalam Letter Kha	Lo	0	L	
0d17	Malayalam Letter Ga	Lo	0	L	
0d18	Malayalam Letter Gha	Lo	0	L	
0d19	Malayalam Letter Nga	Lo	0	L	
0d1a	Malayalam Letter Ca	Lo	0	L	
0d1b	Malayalam Letter Cha	Lo	0	L	
0d1c	Malayalam Letter Ja	Lo	0	L	
0d1d	Malayalam Letter Jha	Lo	0	L	
0d1e	Malayalam Letter Nya	Lo	0	L	
0d1f	Malayalam Letter Tta	Lo	0	L	

0d20	Malayalam Letter Ttha	Lo	0	L
0d21	Malayalam Letter Dda	Lo	0	L
0d22	Malayalam Letter Ddha	Lo	0	L
0d23	Malayalam Letter Nna	Lo	0	L
0d24	Malayalam Letter Ta	Lo	0	L
0d25	Malayalam Letter Tha	Lo	0	L
0d26	Malayalam Letter Da	Lo	0	L
0d27	Malayalam Letter Dha	Lo	0	L
0d28	Malayalam Letter Na	Lo	0	L
0d2a	Malayalam Letter Pa	Lo	0	L
0d2b	Malayalam Letter Pha	Lo	0	L
0d2c	Malayalam Letter Ba	Lo	0	L
0d2d	Malayalam Letter Bha	Lo	0	L
0d2e	Malayalam Letter Ma	Lo	0	L
0d2f	Malayalam Letter Ya	Lo	0	L
0d30	Malayalam Letter Ra	Lo	0	L
0d31	Malayalam Letter Rra	Lo	0	L
0d32	Malayalam Letter La	Lo	0	L
0d33	Malayalam Letter Lla	Lo	0	L
0d34	Malayalam Letter Llla	Lo	0	L
0d35	Malayalam Letter Va	Lo	0	L
0d36	Malayalam Letter Sha	Lo	0	L
0d37	Malayalam Letter Ssa	Lo	0	L
0d38	Malayalam Letter Sa	Lo	0	L
0d39	Malayalam Letter Ha	Lo	0	L
0d3e	Malayalam Vowel Sign Aa	Mc	0	L
0d3f	Malayalam Vowel Sign I	Mc	0	L
0d40	Malayalam Vowel Sign Ii	Mc	0	L
0d41	Malayalam Vowel Sign U	Mn	0	NSM
0d42	Malayalam Vowel Sign Uu	Mn	0	NSM
0d43	Malayalam Vowel Sign Vocalic R	Mn	0	NSM
0d46	Malayalam Vowel Sign E	Mc	0	L
0d47	Malayalam Vowel Sign Ee	Mc	0	L
0d48	Malayalam Vowel Sign Ai	Mc	0	L
0d4a	Malayalam Vowel Sign O	Mc	0	L
0d4b	Malayalam Vowel Sign Oo	Mc	0	L
0d4c	Malayalam Vowel Sign Au	Mc	0	L
0d4d	Malayalam Sign Virama	Mn	9	NSM
0d57	Malayalam Au Length Mark	Mc	0	L
0d60	Malayalam Letter Vocalic Rr	Lo	0	L
0d61	Malayalam Letter Vocalic Ll	Lo	0	L
0d66	Malayalam Digit Zero	Nd	0	L
0d67	Malayalam Digit One	Nd	0	L
0d68	Malayalam Digit Two	Nd	0	L
0d69	Malayalam Digit Three	Nd	0	L
0d6a	Malayalam Digit Four	Nd	0	L
0d6b	Malayalam Digit Five	Nd	0	L
0d6c	Malayalam Digit Six	Nd	0	L
0d6d	Malayalam Digit Seven	Nd	0	L
0d6e	Malayalam Digit Eight	Nd	0	L
0d6f	Malayalam Digit Nine	Nd	0	L

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Sinhala (0D80 to 0DFF)
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Hex	Character	Gen	Cmb	Bid	Map
0d82	Sinhala Sign Anusvaraya	Mc	0	L	
0d83	Sinhala Sign Visargaya	Mc	0	L	
0d85	Sinhala Letter Ayanna	Lo	0	L	
0d86	Sinhala Letter Aayanna	Lo	0	L	
0d87	Sinhala Letter Aeyanna	Lo	0	L	
0d88	Sinhala Letter Aeeyanna	Lo	0	L	
0d89	Sinhala Letter Iyanna	Lo	0	L	
0d8a	Sinhala Letter Iiyanna	Lo	0	L	
0d8b	Sinhala Letter Uyanna	Lo	0	L	
0d8c	Sinhala Letter Uuyanna	Lo	0	L	
0d8d	Sinhala Letter Iruyanna	Lo	0	L	
0d8e	Sinhala Letter Iruyanna	Lo	0	L	
0d8f	Sinhala Letter Iluyanna	Lo	0	L	
0d90	Sinhala Letter Iluuyanna	Lo	0	L	
0d91	Sinhala Letter Eyanna	Lo	0	L	
0d92	Sinhala Letter Eeyanna	Lo	0	L	
0d93	Sinhala Letter Aiyanna	Lo	0	L	
0d94	Sinhala Letter Oyanna	Lo	0	L	
0d95	Sinhala Letter Ooyanna	Lo	0	L	
0d96	Sinhala Letter Auyanna	Lo	0	L	
0d9a	Sinhala Letter Alpapaana Kayanna	Lo	0	L	
0d9b	Sinhala Letter Mahaapraana Kayanna	Lo	0	L	
0d9c	Sinhala Letter Alpapaana Gayanna	Lo	0	L	
0d9d	Sinhala Letter Mahaapraana Gayanna	Lo	0	L	
0d9e	Sinhala Letter Kantaja Naasikyaya	Lo	0	L	
0d9f	Sinhala Letter Sanyaka Gayanna	Lo	0	L	
0da0	Sinhala Letter Alpapaana Cayanna	Lo	0	L	
0da1	Sinhala Letter Mahaapraana Cayanna	Lo	0	L	
0da2	Sinhala Letter Alpapaana Jayanna	Lo	0	L	
0da3	Sinhala Letter Mahaapraana Jayanna	Lo	0	L	
0da4	Sinhala Letter TaaLuja Naasikyaya	Lo	0	L	
0da5	Sinhala Letter TaaLuja Sanyooga Naasikyaya	Lo	0	L	
0da6	Sinhala Letter Sanyaka Jayanna	Lo	0	L	
0da7	Sinhala Letter Alpapaana Ttayanna	Lo	0	L	
0da8	Sinhala Letter Mahaapraana Ttayanna	Lo	0	L	
0da9	Sinhala Letter Alpapaana Ddayanna	Lo	0	L	
0daa	Sinhala Letter Mahaapraana Ddayanna	Lo	0	L	
0dab	Sinhala Letter Muurdhaja Nayanna	Lo	0	L	
0dac	Sinhala Letter Sanyaka Ddayanna	Lo	0	L	
0dad	Sinhala Letter Alpapaana Tayanna	Lo	0	L	
0dae	Sinhala Letter Mahaapraana Tayanna	Lo	0	L	
0daf	Sinhala Letter Alpapaana Dayanna	Lo	0	L	
0db0	Sinhala Letter Mahaapraana Dayanna	Lo	0	L	
0db1	Sinhala Letter Dantaja Nayanna	Lo	0	L	
0db3	Sinhala Letter Sanyaka Dayanna	Lo	0	L	

0db4	Sinhala Letter Alpapraana Payanna	Lo	0	L
0db5	Sinhala Letter Mahaapraana Payanna	Lo	0	L
0db6	Sinhala Letter Alpapraana Bayanna	Lo	0	L
0db7	Sinhala Letter Mahaapraana Bayanna	Lo	0	L
0db8	Sinhala Letter Mayanna	Lo	0	L
0db9	Sinhala Letter Amba Bayanna	Lo	0	L
0dba	Sinhala Letter Yayanna	Lo	0	L
0dbb	Sinhala Letter Rayanna	Lo	0	L
0dbd	Sinhala Letter Dantaja Layanna	Lo	0	L
0dc0	Sinhala Letter Vayanna	Lo	0	L
0dc1	Sinhala Letter TaaLuja Sayanna	Lo	0	L
0dc2	Sinhala Letter Muurdhaja Sayanna	Lo	0	L
0dc3	Sinhala Letter Dantaja Sayanna	Lo	0	L
0dc4	Sinhala Letter Hayanna	Lo	0	L
0dc5	Sinhala Letter Muurdhaja Layanna	Lo	0	L
0dc6	Sinhala Letter Fayanna	Lo	0	L
0dca	Sinhala Sign Al-Lakuna	Mn	9	NSM
0dcf	Sinhala Vowel Sign Aela-Pilla	Mc	0	L
0dd0	Sinhala Vowel Sign Ketti Aeda-Pilla	Mc	0	L
0dd1	Sinhala Vowel Sign Diga Aeda-Pilla	Mc	0	L
0dd2	Sinhala Vowel Sign Ketti Is-Pilla	Mn	0	NSM
0dd3	Sinhala Vowel Sign Diga Is-Pilla	Mn	0	NSM
0dd4	Sinhala Vowel Sign Ketti Paa-Pilla	Mn	0	NSM
0dd6	Sinhala Vowel Sign Diga Paa-Pilla	Mn	0	NSM
0dd8	Sinhala Vowel Sign Gaetta-Pilla	Mc	0	L
0dd9	Sinhala Vowel Sign Kombuva	Mc	0	L
0dda	Sinhala Vowel Sign Diga Kombuva	Mc	0	L
0ddb	Sinhala Vowel Sign Kombu Dekka	Mc	0	L
0ddc	Sinhala Vowel Sign Kombuva Haa Aela-Pilla	Mc	0	L
0ddd	Sinhala Vowel Sign Kombuva Haa Diga Aela-Pilla	Mc	0	L
0dde	Sinhala Vowel Sign Kombuva Haa Gayanukitta	Mc	0	L
0ddf	Sinhala Vowel Sign Gayanukitta	Mc	0	L
0df2	Sinhala Vowel Sign Diga Gaetta-Pilla	Mc	0	L
0df3	Sinhala Vowel Sign Diga Gayanukitta	Mc	0	L
0df4	Sinhala Punctuation Kunddaliya	Po	0	L

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 Thai (0E00 to 0E7F)
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Hex	Character	Gen	Cmb	Bid	Map
0e01	Thai Character Ko Kai	Lo	0	L	
0e02	Thai Character Kho Khai	Lo	0	L	
0e03	Thai Character Kho Khuat	Lo	0	L	
0e04	Thai Character Kho Khwai	Lo	0	L	
0e05	Thai Character Kho Khon	Lo	0	L	
0e06	Thai Character Kho Rakhang	Lo	0	L	
0e07	Thai Character Ngo Ngu	Lo	0	L	
0e08	Thai Character Cho Chan	Lo	0	L	
0e09	Thai Character Cho Ching	Lo	0	L	
0e0a	Thai Character Cho Chang	Lo	0	L	
0e0b	Thai Character So So	Lo	0	L	
0e0c	Thai Character Cho Choe	Lo	0	L	
0e0d	Thai Character Yo Ying	Lo	0	L	
0e0e	Thai Character Do Chada	Lo	0	L	
0e0f	Thai Character to Patak	Lo	0	L	
0e10	Thai Character Tho Than	Lo	0	L	
0e11	Thai Character Tho Nangmontho	Lo	0	L	
0e12	Thai Character Tho Phuthao	Lo	0	L	
0e13	Thai Character No Nen	Lo	0	L	
0e14	Thai Character Do Dek	Lo	0	L	
0e15	Thai Character to Tao	Lo	0	L	
0e16	Thai Character Tho Thung	Lo	0	L	
0e17	Thai Character Tho Thahan	Lo	0	L	
0e18	Thai Character Tho Thong	Lo	0	L	
0e19	Thai Character No Nu	Lo	0	L	
0e1a	Thai Character Bo Baimai	Lo	0	L	
0e1b	Thai Character Po Pla	Lo	0	L	
0e1c	Thai Character Pho Phung	Lo	0	L	
0e1d	Thai Character Fo Fa	Lo	0	L	
0e1e	Thai Character Pho Phan	Lo	0	L	
0e1f	Thai Character Fo Fan	Lo	0	L	
0e20	Thai Character Pho Samphao	Lo	0	L	
0e21	Thai Character Mo Ma	Lo	0	L	
0e22	Thai Character Yo Yak	Lo	0	L	
0e23	Thai Character Ro Rua	Lo	0	L	
0e24	Thai Character Ru	Lo	0	L	
0e25	Thai Character Lo Ling	Lo	0	L	
0e26	Thai Character Lu	Lo	0	L	
0e27	Thai Character Wo Waen	Lo	0	L	
0e28	Thai Character So Sala	Lo	0	L	
0e29	Thai Character So Rusi	Lo	0	L	
0e2a	Thai Character So Sua	Lo	0	L	
0e2b	Thai Character Ho Hip	Lo	0	L	
0e2c	Thai Character Lo Chula	Lo	0	L	
0e2d	Thai Character O Ang	Lo	0	L	
0e2e	Thai Character Ho Nokhuk	Lo	0	L	
0e2f	Thai Character Paiyannoi	Lo	0	L	
0e30	Thai Character Sara A	Lo	0	L	
0e31	Thai Character Mai Han-Akat	Mn	0	NSM	
0e32	Thai Character Sara Aa	Lo	0	L	
0e33	Thai Character Sara Am	Lo	0	L	C
0e34	Thai Character Sara I	Mn	0	NSM	
0e35	Thai Character Sara Ii	Mn	0	NSM	
0e36	Thai Character Sara Ue	Mn	0	NSM	
0e37	Thai Character Sara Uee	Mn	0	NSM	
0e38	Thai Character Sara U	Mn	103	NSM	
0e39	Thai Character Sara Uu	Mn	103	NSM	
0e3a	Thai Character Phinthu	Mn	9	NSM	
0e3f	Thai Currency Symbol Baht	Sc	0	ET	
0e40	Thai Character Sara E	Lo	0	L	
0e41	Thai Character Sara Ae	Lo	0	L	

0e42	Thai Character Sara O	Lo	0	L
0e43	Thai Character Sara Ai Maimuan	Lo	0	L
0e44	Thai Character Sara Ai Maimalai	Lo	0	L
0e45	Thai Character Lakkhangyao	Lo	0	L
0e46	Thai Character Maiyamok	Lm	0	L
0e47	Thai Character Maitaikhu	Mn	0	NSM
0e48	Thai Character Mai Ek	Mn	107	NSM
0e49	Thai Character Mai Tho	Mn	107	NSM
0e4a	Thai Character Mai Tri	Mn	107	NSM
0e4b	Thai Character Mai Chattawa	Mn	107	NSM
0e4c	Thai Character Thanthakhat	Mn	0	NSM
0e4d	Thai Character Nikhahit	Mn	0	NSM
0e4e	Thai Character Yamakkan	Mn	0	NSM
0e4f	Thai Character Fongman	Po	0	L
0e50	Thai Digit Zero	Nd	0	L
0e51	Thai Digit One	Nd	0	L
0e52	Thai Digit Two	Nd	0	L
0e53	Thai Digit Three	Nd	0	L
0e54	Thai Digit Four	Nd	0	L
0e55	Thai Digit Five	Nd	0	L
0e56	Thai Digit Six	Nd	0	L
0e57	Thai Digit Seven	Nd	0	L
0e58	Thai Digit Eight	Nd	0	L
0e59	Thai Digit Nine	Nd	0	L
0e5a	Thai Character Angkhankhu	Po	0	L
0e5b	Thai Character Khomut	Po	0	L

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Lao (0E80 to 0EFF)
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Hex	Character	Gen	Cmb	Bid	Map
0e81	Lao Letter Ko	Lo	0	L	
0e82	Lao Letter Kho Sung	Lo	0	L	
0e84	Lao Letter Kho Tam	Lo	0	L	
0e87	Lao Letter Ngo	Lo	0	L	
0e88	Lao Letter Co	Lo	0	L	
0e8a	Lao Letter So Tam	Lo	0	L	
0e8d	Lao Letter Nyo	Lo	0	L	
0e94	Lao Letter Do	Lo	0	L	
0e95	Lao Letter to	Lo	0	L	
0e96	Lao Letter Tho Sung	Lo	0	L	
0e97	Lao Letter Tho Tam	Lo	0	L	
0e99	Lao Letter No	Lo	0	L	
0e9a	Lao Letter Bo	Lo	0	L	
0e9b	Lao Letter Po	Lo	0	L	
0e9c	Lao Letter Pho Sung	Lo	0	L	
0e9d	Lao Letter Fo Tam	Lo	0	L	
0e9e	Lao Letter Pho Tam	Lo	0	L	
0e9f	Lao Letter Fo Sung	Lo	0	L	
0ea1	Lao Letter Mo	Lo	0	L	
0ea2	Lao Letter Yo	Lo	0	L	
0ea3	Lao Letter Lo Ling	Lo	0	L	
0ea5	Lao Letter Lo Loot	Lo	0	L	
0ea7	Lao Letter Wo	Lo	0	L	
0eaa	Lao Letter So Sung	Lo	0	L	
0eab	Lao Letter Ho Sung	Lo	0	L	
0ead	Lao Letter O	Lo	0	L	
0eae	Lao Letter Ho Tam	Lo	0	L	
0eaf	Lao Ellipsis	Lo	0	L	
0eb0	Lao Vowel Sign A	Lo	0	L	
0eb1	Lao Vowel Sign Mai Kan	Mn	0	NSM	
0eb2	Lao Vowel Sign Aa	Lo	0	L	
0eb3	Lao Vowel Sign Am	Lo	0	L	
0eb4	Lao Vowel Sign I	Mn	0	NSM	C
0eb5	Lao Vowel Sign Ii	Mn	0	NSM	
0eb6	Lao Vowel Sign Y	Mn	0	NSM	
0eb7	Lao Vowel Sign Yy	Mn	0	NSM	
0eb8	Lao Vowel Sign U	Mn	118	NSM	
0eb9	Lao Vowel Sign Uu	Mn	118	NSM	
0ebb	Lao Vowel Sign Mai Kon	Mn	0	NSM	
0ebc	Lao Semivowel Sign Lo	Mn	0	NSM	
0ebd	Lao Semivowel Sign Nyo	Lo	0	L	
0ec0	Lao Vowel Sign E	Lo	0	L	
0ec1	Lao Vowel Sign Ei	Lo	0	L	
0ec2	Lao Vowel Sign O	Lo	0	L	
0ec3	Lao Vowel Sign Ay	Lo	0	L	
0ec4	Lao Vowel Sign Ai	Lo	0	L	
0ec6	Lao Ko La	Lm	0	L	
0ec8	Lao Tone Mai Ek	Mn	122	NSM	
0ec9	Lao Tone Mai Tho	Mn	122	NSM	
0eca	Lao Tone Mai Ti	Mn	122	NSM	
0ecb	Lao Tone Mai Catawa	Mn	122	NSM	
0ecc	Lao Cancellation Mark	Mn	0	NSM	
0ecd	Lao Niggahita	Mn	0	NSM	
0ed0	Lao Digit Zero	Nd	0	L	
0ed1	Lao Digit One	Nd	0	L	
0ed2	Lao Digit Two	Nd	0	L	
0ed3	Lao Digit Three	Nd	0	L	
0ed4	Lao Digit Four	Nd	0	L	
0ed5	Lao Digit Five	Nd	0	L	
0ed6	Lao Digit Six	Nd	0	L	
0ed7	Lao Digit Seven	Nd	0	L	
0ed8	Lao Digit Eight	Nd	0	L	
0ed9	Lao Digit Nine	Nd	0	L	
0edc	Lao Ho No	Lo	0	L	C
0edd	Lao Ho Mo	Lo	0	L	C

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Tibetan (0F00 to 0FFF)
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Hex	Character	Gen	Cmb	Bid	Map
0f00	Tibetan Syllable Om	Lo	0	L	
0f01	Tibetan Mark Gter Yig Mgo Truncated A	So	0	L	
0f02	Tibetan Mark Gter Yig Mgo -Um Rnam Bcad Ma	So	0	L	
0f03	Tibetan Mark Gter Yig Mgo -Um Gter Tsheg Ma	So	0	L	
0f04	Tibetan Mark Initial Yig Mgo Mdun Ma	Po	0	L	
0f05	Tibetan Mark Closing Yig Mgo Sgab Ma	Po	0	L	
0f06	Tibetan Mark Caret Yig Mgo Phur Shad Ma	Po	0	L	
0f07	Tibetan Mark Yig Mgo Tsheg Shad Ma	Po	0	L	
0f08	Tibetan Mark Sbrul Shad	Po	0	L	
0f09	Tibetan Mark Bskur Yig Mgo	Po	0	L	
0f0a	Tibetan Mark Bka- Shog Yig Mgo	Po	0	L	
0f0b	Tibetan Mark Intersyllabic Tsheg	Po	0	L	
0f0c	Tibetan Mark Delimiter Tsheg Bstar	Po	0	L	NB
0f0d	Tibetan Mark Shad	Po	0	L	
0f0e	Tibetan Mark Nyis Shad	Po	0	L	
0f0f	Tibetan Mark Tsheg Shad	Po	0	L	
0f10	Tibetan Mark Nyis Tsheg Shad	Po	0	L	
0f11	Tibetan Mark Rin Chen Spungs Shad	Po	0	L	
0f12	Tibetan Mark Rgya Gram Shad	Po	0	L	
0f13	Tibetan Mark Caret -Dzud Rtags Me Long Can	So	0	L	
0f14	Tibetan Mark Gter Tsheg	So	0	L	
0f15	Tibetan Logotype Sign Chad Rtags	So	0	L	
0f16	Tibetan Logotype Sign Lhag Rtags	So	0	L	
0f17	Tibetan Astrological Sign Sgra Gcan -Char Rtags	So	0	L	
0f18	Tibetan Astrological Sign -Khyud Pa	Mn	220	NSM	
0f19	Tibetan Astrological Sign Sdong Tshugs	Mn	220	NSM	
0f1a	Tibetan Sign Rdel Dkar Gcig	So	0	L	
0f1b	Tibetan Sign Rdel Dkar Gnyis	So	0	L	
0f1c	Tibetan Sign Rdel Dkar Gsum	So	0	L	
0f1d	Tibetan Sign Rdel Nag Gcig	So	0	L	
0f1e	Tibetan Sign Rdel Nag Gnyis	So	0	L	
0f1f	Tibetan Sign Rdel Dkar Rdel Nag	So	0	L	
0f20	Tibetan Digit Zero	Nd	0	L	
0f21	Tibetan Digit One	Nd	0	L	
0f22	Tibetan Digit Two	Nd	0	L	
0f23	Tibetan Digit Three	Nd	0	L	
0f24	Tibetan Digit Four	Nd	0	L	
0f25	Tibetan Digit Five	Nd	0	L	
0f26	Tibetan Digit Six	Nd	0	L	
0f27	Tibetan Digit Seven	Nd	0	L	
0f28	Tibetan Digit Eight	Nd	0	L	
0f29	Tibetan Digit Nine	Nd	0	L	
0f2a	Tibetan Digit Half One	No	0	L	
0f2b	Tibetan Digit Half Two	No	0	L	
0f2c	Tibetan Digit Half Three	No	0	L	
0f2d	Tibetan Digit Half Four	No	0	L	
0f2e	Tibetan Digit Half Five	No	0	L	
0f2f	Tibetan Digit Half Six	No	0	L	
0f30	Tibetan Digit Half Seven	No	0	L	
0f31	Tibetan Digit Half Eight	No	0	L	
0f32	Tibetan Digit Half Nine	No	0	L	
0f33	Tibetan Digit Half Zero	No	0	L	
0f34	Tibetan Mark Bsdsu Rtags	So	0	L	
0f35	Tibetan Mark Ngas Bzung Nyi Zla	Mn	220	NSM	
0f36	Tibetan Mark Caret -Dzud Rtags Bzhi Mig Can	So	0	L	
0f37	Tibetan Mark Ngas Bzung Sgor Rtags	Mn	220	NSM	
0f38	Tibetan Mark Che Mgo	So	0	L	
0f39	Tibetan Mark Tsa -Phru	Mn	216	NSM	
0f3a	Tibetan Mark Gug Rtags Gyon	Ps	0	ON	
0f3b	Tibetan Mark Gug Rtags Gyas	Pe	0	ON	
0f3c	Tibetan Mark Ang Khang Gyon	Ps	0	ON	
0f3d	Tibetan Mark Ang Khang Gyas	Pe	0	ON	
0f3e	Tibetan Sign Yar Tshes	Mc	0	L	
0f3f	Tibetan Sign Mar Tshes	Mc	0	L	
0f40	Tibetan Letter Ka	Lo	0	L	
0f41	Tibetan Letter Kha	Lo	0	L	
0f42	Tibetan Letter Ga	Lo	0	L	
0f43	Tibetan Letter Gha	Lo	0	L	
0f44	Tibetan Letter Nga	Lo	0	L	
0f45	Tibetan Letter Ca	Lo	0	L	
0f46	Tibetan Letter Cha	Lo	0	L	
0f47	Tibetan Letter Ja	Lo	0	L	
0f49	Tibetan Letter Nya	Lo	0	L	
0f4a	Tibetan Letter Tta	Lo	0	L	
0f4b	Tibetan Letter Ttha	Lo	0	L	
0f4c	Tibetan Letter Dda	Lo	0	L	
0f4d	Tibetan Letter Ddha	Lo	0	L	
0f4e	Tibetan Letter Nna	Lo	0	L	
0f4f	Tibetan Letter Ta	Lo	0	L	
0f50	Tibetan Letter Tha	Lo	0	L	
0f51	Tibetan Letter Da	Lo	0	L	
0f52	Tibetan Letter Dha	Lo	0	L	
0f53	Tibetan Letter Na	Lo	0	L	
0f54	Tibetan Letter Pa	Lo	0	L	
0f55	Tibetan Letter Pha	Lo	0	L	
0f56	Tibetan Letter Ba	Lo	0	L	
0f57	Tibetan Letter Bha	Lo	0	L	
0f58	Tibetan Letter Ma	Lo	0	L	
0f59	Tibetan Letter Tsa	Lo	0	L	
0f5a	Tibetan Letter Tsha	Lo	0	L	
0f5b	Tibetan Letter Dza	Lo	0	L	
0f5c	Tibetan Letter Dzha	Lo	0	L	
0f5d	Tibetan Letter Wa	Lo	0	L	
0f5e	Tibetan Letter Zha	Lo	0	L	
0f5f	Tibetan Letter Za	Lo	0	L	
0f60	Tibetan Letter -A	Lo	0	L	
0f61	Tibetan Letter Ya	Lo	0	L	
0f62	Tibetan Letter Ra	Lo	0	L	
0f63	Tibetan Letter La	Lo	0	L	
0f64	Tibetan Letter Sha	Lo	0	L	
0f65	Tibetan Letter Ssa	Lo	0	L	

0f66	Tibetan Letter Sa	Lo	0	L
0f67	Tibetan Letter Ha	Lo	0	L
0f68	Tibetan Letter A	Lo	0	L
0f69	Tibetan Letter Kssa	Lo	0	L
0f6a	Tibetan Letter Fixed-Form Ra	Lo	0	L
0f71	Tibetan Vowel Sign Aa	Mn	129	NSM
0f72	Tibetan Vowel Sign I	Mn	130	NSM
0f73	Tibetan Vowel Sign Ii	Mn	0	NSM
0f74	Tibetan Vowel Sign U	Mn	132	NSM
0f75	Tibetan Vowel Sign Uu	Mn	0	NSM
0f76	Tibetan Vowel Sign Vocalic R	Mn	0	NSM
0f77	Tibetan Vowel Sign Vocalic Rr	Mn	0	NSM C
0f78	Tibetan Vowel Sign Vocalic L	Mn	0	NSM
0f79	Tibetan Vowel Sign Vocalic Ll	Mn	0	NSM C
0f7a	Tibetan Vowel Sign E	Mn	130	NSM
0f7b	Tibetan Vowel Sign Ee	Mn	130	NSM
0f7c	Tibetan Vowel Sign O	Mn	130	NSM
0f7d	Tibetan Vowel Sign Oo	Mn	130	NSM
0f7e	Tibetan Sign Rjes Su Nga Ro	Mn	0	NSM
0f7f	Tibetan Sign Rnam Bcad	Mc	0	L
0f80	Tibetan Vowel Sign Reversed I	Mn	130	NSM
0f81	Tibetan Vowel Sign Reversed Ii	Mn	0	NSM
0f82	Tibetan Sign Nyi Zla Naa Da	Mn	230	NSM
0f83	Tibetan Sign Sna Ldan	Mn	230	NSM
0f84	Tibetan Mark Halanta	Mn	9	NSM
0f85	Tibetan Mark Paluta	Po	0	L
0f86	Tibetan Sign Lci Rtags	Mn	230	NSM
0f87	Tibetan Sign Yang Rtags	Mn	230	NSM
0f88	Tibetan Sign Lce Tsa Can	Lo	0	L
0f89	Tibetan Sign Mchu Can	Lo	0	L
0f8a	Tibetan Sign Gru Can Rgyings	Lo	0	L
0f8b	Tibetan Sign Gru Med Rgyings	Lo	0	L
0f90	Tibetan Subjoined Letter Ka	Mn	0	NSM
0f91	Tibetan Subjoined Letter Kha	Mn	0	NSM
0f92	Tibetan Subjoined Letter Ga	Mn	0	NSM
0f93	Tibetan Subjoined Letter Gha	Mn	0	NSM
0f94	Tibetan Subjoined Letter Nga	Mn	0	NSM
0f95	Tibetan Subjoined Letter Ca	Mn	0	NSM
0f96	Tibetan Subjoined Letter Cha	Mn	0	NSM
0f97	Tibetan Subjoined Letter Ja	Mn	0	NSM
0f99	Tibetan Subjoined Letter Nya	Mn	0	NSM
0f9a	Tibetan Subjoined Letter Tta	Mn	0	NSM
0f9b	Tibetan Subjoined Letter Ttha	Mn	0	NSM
0f9c	Tibetan Subjoined Letter Dda	Mn	0	NSM
0f9d	Tibetan Subjoined Letter Ddha	Mn	0	NSM
0f9e	Tibetan Subjoined Letter Nna	Mn	0	NSM
0f9f	Tibetan Subjoined Letter Ta	Mn	0	NSM
0fa0	Tibetan Subjoined Letter Tha	Mn	0	NSM
0fa1	Tibetan Subjoined Letter Da	Mn	0	NSM
0fa2	Tibetan Subjoined Letter Dha	Mn	0	NSM
0fa3	Tibetan Subjoined Letter Na	Mn	0	NSM
0fa4	Tibetan Subjoined Letter Pa	Mn	0	NSM
0fa5	Tibetan Subjoined Letter Pha	Mn	0	NSM
0fa6	Tibetan Subjoined Letter Ba	Mn	0	NSM
0fa7	Tibetan Subjoined Letter Bha	Mn	0	NSM
0fa8	Tibetan Subjoined Letter Ma	Mn	0	NSM
0fa9	Tibetan Subjoined Letter Tsa	Mn	0	NSM
0faa	Tibetan Subjoined Letter Tsha	Mn	0	NSM
0fab	Tibetan Subjoined Letter Dza	Mn	0	NSM
0fac	Tibetan Subjoined Letter Dzha	Mn	0	NSM
0fad	Tibetan Subjoined Letter Wa	Mn	0	NSM
0fae	Tibetan Subjoined Letter Zha	Mn	0	NSM
0faf	Tibetan Subjoined Letter Za	Mn	0	NSM
0fb0	Tibetan Subjoined Letter -A	Mn	0	NSM
0fb1	Tibetan Subjoined Letter Ya	Mn	0	NSM
0fb2	Tibetan Subjoined Letter Ra	Mn	0	NSM
0fb3	Tibetan Subjoined Letter La	Mn	0	NSM
0fb4	Tibetan Subjoined Letter Sha	Mn	0	NSM
0fb5	Tibetan Subjoined Letter Ssa	Mn	0	NSM
0fb6	Tibetan Subjoined Letter Sa	Mn	0	NSM
0fb7	Tibetan Subjoined Letter Ha	Mn	0	NSM
0fb8	Tibetan Subjoined Letter A	Mn	0	NSM
0fb9	Tibetan Subjoined Letter Kssa	Mn	0	NSM
0fba	Tibetan Subjoined Letter Fixed-Form Wa	Mn	0	NSM
0fbb	Tibetan Subjoined Letter Fixed-Form Ya	Mn	0	NSM
0fbc	Tibetan Subjoined Letter Fixed-Form Ra	Mn	0	NSM
0fbe	Tibetan Ku Ru Kha	So	0	L
0fbf	Tibetan Ku Ru Kha Bzhi Mig Can	So	0	L
0fc0	Tibetan Cantillation Sign Heavy Beat	So	0	L
0fc1	Tibetan Cantillation Sign Light Beat	So	0	L
0fc2	Tibetan Cantillation Sign Cang Te-U	So	0	L
0fc3	Tibetan Cantillation Sign Sbsub -Chal	So	0	L
0fc4	Tibetan Symbol Dril Bu	So	0	L
0fc5	Tibetan Symbol Rdo Rje	So	0	L
0fc6	Tibetan Symbol Padma Gdan	Mn	220	NSM
0fc7	Tibetan Symbol Rdo Rje Rgya Gram	So	0	L
0fc8	Tibetan Symbol Phur Pa	So	0	L
0fc9	Tibetan Symbol nor Bu	So	0	L
0fca	Tibetan Symbol nor Bu Nyis -Khyil	So	0	L
0fcb	Tibetan Symbol nor Bu Gsum -Khyil	So	0	L
0fcc	Tibetan Symbol nor Bu Bzhi -Khyil	So	0	L
0fcf	Tibetan Sign Rdel Nag Gsum	So	0	L

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Myanmar (1000 to 109F)
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Hex	Character	Gen	Cmb	Bid	Map
1000	Myanmar Letter Ka	Lo	0	L	
1001	Myanmar Letter Kha	Lo	0	L	
1002	Myanmar Letter Ga	Lo	0	L	
1003	Myanmar Letter Gha	Lo	0	L	

1004	Myanmar Letter Nga	Lo	0	L
1005	Myanmar Letter Ca	Lo	0	L
1006	Myanmar Letter Cha	Lo	0	L
1007	Myanmar Letter Ja	Lo	0	L
1008	Myanmar Letter Jha	Lo	0	L
1009	Myanmar Letter Nya	Lo	0	L
100a	Myanmar Letter Nnya	Lo	0	L
100b	Myanmar Letter Tta	Lo	0	L
100c	Myanmar Letter Ttha	Lo	0	L
100d	Myanmar Letter Dda	Lo	0	L
100e	Myanmar Letter Ddha	Lo	0	L
100f	Myanmar Letter Nna	Lo	0	L
1010	Myanmar Letter Ta	Lo	0	L
1011	Myanmar Letter Tha	Lo	0	L
1012	Myanmar Letter Da	Lo	0	L
1013	Myanmar Letter Dha	Lo	0	L
1014	Myanmar Letter Na	Lo	0	L
1015	Myanmar Letter Pa	Lo	0	L
1016	Myanmar Letter Pha	Lo	0	L
1017	Myanmar Letter Ba	Lo	0	L
1018	Myanmar Letter Bha	Lo	0	L
1019	Myanmar Letter Ma	Lo	0	L
101a	Myanmar Letter Ya	Lo	0	L
101b	Myanmar Letter Ra	Lo	0	L
101c	Myanmar Letter La	Lo	0	L
101d	Myanmar Letter Wa	Lo	0	L
101e	Myanmar Letter Sa	Lo	0	L
101f	Myanmar Letter Ha	Lo	0	L
1020	Myanmar Letter Lla	Lo	0	L
1021	Myanmar Letter A	Lo	0	L
1023	Myanmar Letter I	Lo	0	L
1024	Myanmar Letter Ii	Lo	0	L
1025	Myanmar Letter U	Lo	0	L
1026	Myanmar Letter Uu	Lo	0	L
1027	Myanmar Letter E	Lo	0	L
1029	Myanmar Letter O	Lo	0	L
102a	Myanmar Letter Au	Lo	0	L
102c	Myanmar Vowel Sign Aa	Mc	0	L
102d	Myanmar Vowel Sign I	Mn	0	NSM
102e	Myanmar Vowel Sign Ii	Mn	0	NSM
102f	Myanmar Vowel Sign U	Mn	0	NSM
1030	Myanmar Vowel Sign Uu	Mn	0	NSM
1031	Myanmar Vowel Sign E	Mc	0	L
1032	Myanmar Vowel Sign Ai	Mn	0	NSM
1036	Myanmar Sign Anusvara	Mn	0	NSM
1037	Myanmar Sign Dot Below	Mn	7	NSM
1038	Myanmar Sign Visarga	Mc	0	L
1039	Myanmar Sign Virama	Mn	9	NSM
1040	Myanmar Digit Zero	Nd	0	L
1041	Myanmar Digit One	Nd	0	L
1042	Myanmar Digit Two	Nd	0	L
1043	Myanmar Digit Three	Nd	0	L
1044	Myanmar Digit Four	Nd	0	L
1045	Myanmar Digit Five	Nd	0	L
1046	Myanmar Digit Six	Nd	0	L
1047	Myanmar Digit Seven	Nd	0	L
1048	Myanmar Digit Eight	Nd	0	L
1049	Myanmar Digit Nine	Nd	0	L
104a	Myanmar Sign Little Section	Po	0	L
104b	Myanmar Sign Section	Po	0	L
104c	Myanmar Symbol Locative	Po	0	L
104d	Myanmar Symbol Completed	Po	0	L
104e	Myanmar Symbol Aforementioned	Po	0	L
104f	Myanmar Symbol Genitive	Po	0	L
1050	Myanmar Letter Sha	Lo	0	L
1051	Myanmar Letter Ssa	Lo	0	L
1052	Myanmar Letter Vocalic R	Lo	0	L
1053	Myanmar Letter Vocalic Rr	Lo	0	L
1054	Myanmar Letter Vocalic L	Lo	0	L
1055	Myanmar Letter Vocalic Ll	Lo	0	L
1056	Myanmar Vowel Sign Vocalic R	Mc	0	L
1057	Myanmar Vowel Sign Vocalic Rr	Mc	0	L
1058	Myanmar Vowel Sign Vocalic L	Mn	0	NSM
1059	Myanmar Vowel Sign Vocalic Ll	Mn	0	NSM

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Georgian (10A0 to 10FF)
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Hex	Character	Gen	Cmb	Bid	Map
10a0	Georgian Capital Letter An	Lu	0	L	
10a1	Georgian Capital Letter Ban	Lu	0	L	
10a2	Georgian Capital Letter Gan	Lu	0	L	
10a3	Georgian Capital Letter Don	Lu	0	L	
10a4	Georgian Capital Letter En	Lu	0	L	
10a5	Georgian Capital Letter Vin	Lu	0	L	
10a6	Georgian Capital Letter Zen	Lu	0	L	
10a7	Georgian Capital Letter Tan	Lu	0	L	
10a8	Georgian Capital Letter In	Lu	0	L	
10a9	Georgian Capital Letter Kan	Lu	0	L	
10aa	Georgian Capital Letter Las	Lu	0	L	
10ab	Georgian Capital Letter Man	Lu	0	L	
10ac	Georgian Capital Letter Nar	Lu	0	L	
10ad	Georgian Capital Letter On	Lu	0	L	
10ae	Georgian Capital Letter Par	Lu	0	L	
10af	Georgian Capital Letter Zhar	Lu	0	L	
10b0	Georgian Capital Letter Rae	Lu	0	L	
10b1	Georgian Capital Letter San	Lu	0	L	
10b2	Georgian Capital Letter Tar	Lu	0	L	
10b3	Georgian Capital Letter Un	Lu	0	L	
10b4	Georgian Capital Letter Phar	Lu	0	L	
10b5	Georgian Capital Letter Khar	Lu	0	L	

10b6	Georgian Capital Letter Ghan	Lu	0	L
10b7	Georgian Capital Letter Qar	Lu	0	L
10b8	Georgian Capital Letter Shin	Lu	0	L
10b9	Georgian Capital Letter Chin	Lu	0	L
10ba	Georgian Capital Letter Can	Lu	0	L
10bb	Georgian Capital Letter Jil	Lu	0	L
10bc	Georgian Capital Letter Cil	Lu	0	L
10bd	Georgian Capital Letter Char	Lu	0	L
10be	Georgian Capital Letter Xan	Lu	0	L
10bf	Georgian Capital Letter Jhan	Lu	0	L
10c0	Georgian Capital Letter Hae	Lu	0	L
10c1	Georgian Capital Letter He	Lu	0	L
10c2	Georgian Capital Letter Hie	Lu	0	L
10c3	Georgian Capital Letter We	Lu	0	L
10c4	Georgian Capital Letter Har	Lu	0	L
10c5	Georgian Capital Letter Hoe	Lu	0	L
10d0	Georgian Letter An	Lo	0	L
10d1	Georgian Letter Ban	Lo	0	L
10d2	Georgian Letter Gan	Lo	0	L
10d3	Georgian Letter Don	Lo	0	L
10d4	Georgian Letter En	Lo	0	L
10d5	Georgian Letter Vin	Lo	0	L
10d6	Georgian Letter Zen	Lo	0	L
10d7	Georgian Letter Tan	Lo	0	L
10d8	Georgian Letter In	Lo	0	L
10d9	Georgian Letter Kan	Lo	0	L
10da	Georgian Letter Las	Lo	0	L
10db	Georgian Letter Man	Lo	0	L
10dc	Georgian Letter Nar	Lo	0	L
10dd	Georgian Letter On	Lo	0	L
10de	Georgian Letter Par	Lo	0	L
10df	Georgian Letter Zhar	Lo	0	L
10e0	Georgian Letter Rae	Lo	0	L
10e1	Georgian Letter San	Lo	0	L
10e2	Georgian Letter Tar	Lo	0	L
10e3	Georgian Letter Un	Lo	0	L
10e4	Georgian Letter Phar	Lo	0	L
10e5	Georgian Letter Khar	Lo	0	L
10e6	Georgian Letter Ghan	Lo	0	L
10e7	Georgian Letter Qar	Lo	0	L
10e8	Georgian Letter Shin	Lo	0	L
10e9	Georgian Letter Chin	Lo	0	L
10ea	Georgian Letter Can	Lo	0	L
10eb	Georgian Letter Jil	Lo	0	L
10ec	Georgian Letter Cil	Lo	0	L
10ed	Georgian Letter Char	Lo	0	L
10ee	Georgian Letter Xan	Lo	0	L
10ef	Georgian Letter Jhan	Lo	0	L
10f0	Georgian Letter Hae	Lo	0	L
10f1	Georgian Letter He	Lo	0	L
10f2	Georgian Letter Hie	Lo	0	L
10f3	Georgian Letter We	Lo	0	L
10f4	Georgian Letter Har	Lo	0	L
10f5	Georgian Letter Hoe	Lo	0	L
10f6	Georgian Letter Fi	Lo	0	L
10f7	Georgian Letter Yn	Lo	0	L
10f8	Georgian Letter Elifi	Lo	0	L
10fb	Georgian Paragraph Separator	Po	0	L

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Hangul Jamo (1100 to 11FF)
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Hex	Character	Gen	Cmb	Bid	Map
1100	Hangul Choseong Kiyеok	Lo	0	L	
1101	Hangul Choseong Ssangkiyeok	Lo	0	L	
1102	Hangul Choseong Nieun	Lo	0	L	
1103	Hangul Choseong Tikeut	Lo	0	L	
1104	Hangul Choseong Ssangtikeut	Lo	0	L	
1105	Hangul Choseong Rieul	Lo	0	L	
1106	Hangul Choseong Mieum	Lo	0	L	
1107	Hangul Choseong Pieup	Lo	0	L	
1108	Hangul Choseong Ssangpieup	Lo	0	L	
1109	Hangul Choseong Sios	Lo	0	L	
110a	Hangul Choseong Ssangsios	Lo	0	L	
110b	Hangul Choseong Ieung	Lo	0	L	
110c	Hangul Choseong Cieuc	Lo	0	L	
110d	Hangul Choseong Ssangcieuc	Lo	0	L	
110e	Hangul Choseong Chieuch	Lo	0	L	
110f	Hangul Choseong Khieukh	Lo	0	L	
1110	Hangul Choseong Thieuth	Lo	0	L	
1111	Hangul Choseong Phieuph	Lo	0	L	
1112	Hangul Choseong Hieuh	Lo	0	L	
1113	Hangul Choseong Nieun-Kiyеok	Lo	0	L	
1114	Hangul Choseong Ssangnieun	Lo	0	L	
1115	Hangul Choseong Nieun-Tikeut	Lo	0	L	
1116	Hangul Choseong Nieun-Pieup	Lo	0	L	
1117	Hangul Choseong Tikeut-Kiyеok	Lo	0	L	
1118	Hangul Choseong Rieul-Nieun	Lo	0	L	
1119	Hangul Choseong Ssangrieul	Lo	0	L	
111a	Hangul Choseong Rieul-Hieuh	Lo	0	L	
111b	Hangul Choseong Kapyeounrieul	Lo	0	L	
111c	Hangul Choseong Mieum-Pieup	Lo	0	L	
111d	Hangul Choseong Kapyeounmieum	Lo	0	L	
111e	Hangul Choseong Pieup-Kiyеok	Lo	0	L	
111f	Hangul Choseong Pieup-Nieun	Lo	0	L	
1120	Hangul Choseong Pieup-Tikeut	Lo	0	L	
1121	Hangul Choseong Pieup-Sios	Lo	0	L	
1122	Hangul Choseong Pieup-Sios-Kiyеok	Lo	0	L	
1123	Hangul Choseong Pieup-Sios-Tikeut	Lo	0	L	
1124	Hangul Choseong Pieup-Sios-Pieup	Lo	0	L	
1125	Hangul Choseong Pieup-Ssangsios	Lo	0	L	

1126	Hangul	Choseong	Pieup-Sios-Cieuc	Lo	0	L
1127	Hangul	Choseong	Pieup-Cieuc	Lo	0	L
1128	Hangul	Choseong	Pieup-Chieuch	Lo	0	L
1129	Hangul	Choseong	Pieup-Thieuth	Lo	0	L
112a	Hangul	Choseong	Pieup-Phieuph	Lo	0	L
112b	Hangul	Choseong	Kapyeounpieup	Lo	0	L
112c	Hangul	Choseong	Kapyeounssangpieup	Lo	0	L
112d	Hangul	Choseong	Sios-Kiyeok	Lo	0	L
112e	Hangul	Choseong	Sios-Nieun	Lo	0	L
112f	Hangul	Choseong	Sios-Tikeut	Lo	0	L
1130	Hangul	Choseong	Sios-Rieul	Lo	0	L
1131	Hangul	Choseong	Sios-Mieum	Lo	0	L
1132	Hangul	Choseong	Sios-Pieup	Lo	0	L
1133	Hangul	Choseong	Sios-Pieup-Kiyeok	Lo	0	L
1134	Hangul	Choseong	Sios-Ssangsios	Lo	0	L
1135	Hangul	Choseong	Sios-Ieung	Lo	0	L
1136	Hangul	Choseong	Sios-Cieuc	Lo	0	L
1137	Hangul	Choseong	Sios-Chieuch	Lo	0	L
1138	Hangul	Choseong	Sios-Khieukh	Lo	0	L
1139	Hangul	Choseong	Sios-Thieuth	Lo	0	L
113a	Hangul	Choseong	Sios-Phieuph	Lo	0	L
113b	Hangul	Choseong	Sios-Hieuh	Lo	0	L
113c	Hangul	Choseong	Chitueumsios	Lo	0	L
113d	Hangul	Choseong	Chitueumssangsios	Lo	0	L
113e	Hangul	Choseong	Ceongchieumsios	Lo	0	L
113f	Hangul	Choseong	Ceongchieumssangsios	Lo	0	L
1140	Hangul	Choseong	Pansios	Lo	0	L
1141	Hangul	Choseong	Ieung-Kiyeok	Lo	0	L
1142	Hangul	Choseong	Ieung-Tikeut	Lo	0	L
1143	Hangul	Choseong	Ieung-Mieum	Lo	0	L
1144	Hangul	Choseong	Ieung-Pieup	Lo	0	L
1145	Hangul	Choseong	Ieung-Sios	Lo	0	L
1146	Hangul	Choseong	Ieung-Pansios	Lo	0	L
1147	Hangul	Choseong	Ssangieung	Lo	0	L
1148	Hangul	Choseong	Ieung-Cieuc	Lo	0	L
1149	Hangul	Choseong	Ieung-Chieuch	Lo	0	L
114a	Hangul	Choseong	Ieung-Thieuth	Lo	0	L
114b	Hangul	Choseong	Ieung-Phieuph	Lo	0	L
114c	Hangul	Choseong	Yesieung	Lo	0	L
114d	Hangul	Choseong	Cieuc-Ieung	Lo	0	L
114e	Hangul	Choseong	Chitueumcieuc	Lo	0	L
114f	Hangul	Choseong	Chitueumssangcieuc	Lo	0	L
1150	Hangul	Choseong	Ceongchieumcieuc	Lo	0	L
1151	Hangul	Choseong	Ceongchieumssangcieuc	Lo	0	L
1152	Hangul	Choseong	Chieuch-Khieukh	Lo	0	L
1153	Hangul	Choseong	Chieuch-Hieuh	Lo	0	L
1154	Hangul	Choseong	Chitueumchieuch	Lo	0	L
1155	Hangul	Choseong	Ceongchieumchieuch	Lo	0	L
1156	Hangul	Choseong	Phieuph-Pieup	Lo	0	L
1157	Hangul	Choseong	Kapyeounphieuph	Lo	0	L
1158	Hangul	Choseong	Ssanghieuh	Lo	0	L
1159	Hangul	Choseong	Yeorinhieuh	Lo	0	L
115f	Hangul	Choseong	Filler	Lo	0	L
1160	Hangul	Jungseong	Filler	Lo	0	L
1161	Hangul	Jungseong	A	Lo	0	L
1162	Hangul	Jungseong	Ae	Lo	0	L
1163	Hangul	Jungseong	Ya	Lo	0	L
1164	Hangul	Jungseong	Yae	Lo	0	L
1165	Hangul	Jungseong	Eo	Lo	0	L
1166	Hangul	Jungseong	E	Lo	0	L
1167	Hangul	Jungseong	Yeo	Lo	0	L
1168	Hangul	Jungseong	Ye	Lo	0	L
1169	Hangul	Jungseong	O	Lo	0	L
116a	Hangul	Jungseong	Wa	Lo	0	L
116b	Hangul	Jungseong	Wae	Lo	0	L
116c	Hangul	Jungseong	Oe	Lo	0	L
116d	Hangul	Jungseong	Yo	Lo	0	L
116e	Hangul	Jungseong	U	Lo	0	L
116f	Hangul	Jungseong	Weo	Lo	0	L
1170	Hangul	Jungseong	We	Lo	0	L
1171	Hangul	Jungseong	Wi	Lo	0	L
1172	Hangul	Jungseong	Yu	Lo	0	L
1173	Hangul	Jungseong	Eu	Lo	0	L
1174	Hangul	Jungseong	Yi	Lo	0	L
1175	Hangul	Jungseong	I	Lo	0	L
1176	Hangul	Jungseong	A-0	Lo	0	L
1177	Hangul	Jungseong	A-U	Lo	0	L
1178	Hangul	Jungseong	Ya-0	Lo	0	L
1179	Hangul	Jungseong	Ya-Yo	Lo	0	L
117a	Hangul	Jungseong	Eo-0	Lo	0	L
117b	Hangul	Jungseong	Eo-U	Lo	0	L
117c	Hangul	Jungseong	Eo-Eu	Lo	0	L
117d	Hangul	Jungseong	Yeo-0	Lo	0	L
117e	Hangul	Jungseong	Yeo-U	Lo	0	L
117f	Hangul	Jungseong	O-Eo	Lo	0	L
1180	Hangul	Jungseong	O-E	Lo	0	L
1181	Hangul	Jungseong	O-Ye	Lo	0	L
1182	Hangul	Jungseong	O-0	Lo	0	L
1183	Hangul	Jungseong	O-U	Lo	0	L
1184	Hangul	Jungseong	Yo-Ya	Lo	0	L
1185	Hangul	Jungseong	Yo-Yae	Lo	0	L
1186	Hangul	Jungseong	Yo-Yeo	Lo	0	L
1187	Hangul	Jungseong	Yo-0	Lo	0	L
1188	Hangul	Jungseong	Yo-I	Lo	0	L
1189	Hangul	Jungseong	U-A	Lo	0	L
118a	Hangul	Jungseong	U-Ae	Lo	0	L
118b	Hangul	Jungseong	U-Eo-Eu	Lo	0	L
118c	Hangul	Jungseong	U-Ye	Lo	0	L
118d	Hangul	Jungseong	U-U	Lo	0	L
118e	Hangul	Jungseong	Yu-A	Lo	0	L
118f	Hangul	Jungseong	Yu-Eo	Lo	0	L
1190	Hangul	Jungseong	Yu-E	Lo	0	L
1191	Hangul	Jungseong	Yu-Yeo	Lo	0	L
1192	Hangul	Jungseong	Yu-Ye	Lo	0	L

1193	Hangul	Jungseong	Yu-U	Lo	0	L
1194	Hangul	Jungseong	Yu-I	Lo	0	L
1195	Hangul	Jungseong	Eu-U	Lo	0	L
1196	Hangul	Jungseong	Eu-Eu	Lo	0	L
1197	Hangul	Jungseong	Yi-U	Lo	0	L
1198	Hangul	Jungseong	I-A	Lo	0	L
1199	Hangul	Jungseong	I-Ya	Lo	0	L
119a	Hangul	Jungseong	I-O	Lo	0	L
119b	Hangul	Jungseong	I-U	Lo	0	L
119c	Hangul	Jungseong	I-Eu	Lo	0	L
119d	Hangul	Jungseong	I-Araea	Lo	0	L
119e	Hangul	Jungseong	Araea	Lo	0	L
119f	Hangul	Jungseong	Araea-Eo	Lo	0	L
11a0	Hangul	Jungseong	Araea-U	Lo	0	L
11a1	Hangul	Jungseong	Araea-I	Lo	0	L
11a2	Hangul	Jungseong	Ssangaraea	Lo	0	L
11a8	Hangul	Jongseong	Kiyeok	Lo	0	L
11a9	Hangul	Jongseong	Ssangkiyeok	Lo	0	L
11aa	Hangul	Jongseong	Kiyeok-Sios	Lo	0	L
11ab	Hangul	Jongseong	Nieun	Lo	0	L
11ac	Hangul	Jongseong	Nieun-Cieuc	Lo	0	L
11ad	Hangul	Jongseong	Nieun-Hieuh	Lo	0	L
11ae	Hangul	Jongseong	Tikeut	Lo	0	L
11af	Hangul	Jongseong	Rieul	Lo	0	L
11b0	Hangul	Jongseong	Rieul-Kiyeok	Lo	0	L
11b1	Hangul	Jongseong	Rieul-Mieum	Lo	0	L
11b2	Hangul	Jongseong	Rieul-Pieup	Lo	0	L
11b3	Hangul	Jongseong	Rieul-Sios	Lo	0	L
11b4	Hangul	Jongseong	Rieul-Thieuth	Lo	0	L
11b5	Hangul	Jongseong	Rieul-Phieuph	Lo	0	L
11b6	Hangul	Jongseong	Rieul-Hieuh	Lo	0	L
11b7	Hangul	Jongseong	Mieum	Lo	0	L
11b8	Hangul	Jongseong	Pieup	Lo	0	L
11b9	Hangul	Jongseong	Pieup-Sios	Lo	0	L
11ba	Hangul	Jongseong	Sios	Lo	0	L
11bb	Hangul	Jongseong	Ssangsios	Lo	0	L
11bc	Hangul	Jongseong	Ieung	Lo	0	L
11bd	Hangul	Jongseong	Cieuc	Lo	0	L
11be	Hangul	Jongseong	Chieuch	Lo	0	L
11bf	Hangul	Jongseong	Khieukh	Lo	0	L
11c0	Hangul	Jongseong	Thieuth	Lo	0	L
11c1	Hangul	Jongseong	Phieuph	Lo	0	L
11c2	Hangul	Jongseong	Hieuh	Lo	0	L
11c3	Hangul	Jongseong	Kiyeok-Rieul	Lo	0	L
11c4	Hangul	Jongseong	Kiyeok-Sios-Kiyeok	Lo	0	L
11c5	Hangul	Jongseong	Nieun-Kiyeok	Lo	0	L
11c6	Hangul	Jongseong	Nieun-Tikeut	Lo	0	L
11c7	Hangul	Jongseong	Nieun-Sios	Lo	0	L
11c8	Hangul	Jongseong	Nieun-Pansios	Lo	0	L
11c9	Hangul	Jongseong	Nieun-Thieuth	Lo	0	L
11ca	Hangul	Jongseong	Tikeut-Kiyeok	Lo	0	L
11cb	Hangul	Jongseong	Tikeut-Rieul	Lo	0	L
11cc	Hangul	Jongseong	Rieul-Kiyeok-Sios	Lo	0	L
11cd	Hangul	Jongseong	Rieul-Nieun	Lo	0	L
11ce	Hangul	Jongseong	Rieul-Tikeut	Lo	0	L
11cf	Hangul	Jongseong	Rieul-Tikeut-Hieuh	Lo	0	L
11d0	Hangul	Jongseong	Ssangrieul	Lo	0	L
11d1	Hangul	Jongseong	Rieul-Mieum-Kiyeok	Lo	0	L
11d2	Hangul	Jongseong	Rieul-Mieum-Sios	Lo	0	L
11d3	Hangul	Jongseong	Rieul-Pieup-Sios	Lo	0	L
11d4	Hangul	Jongseong	Rieul-Pieup-Hieuh	Lo	0	L
11d5	Hangul	Jongseong	Rieul-Kapyeounpieup	Lo	0	L
11d6	Hangul	Jongseong	Rieul-Ssangsios	Lo	0	L
11d7	Hangul	Jongseong	Rieul-Pansios	Lo	0	L
11d8	Hangul	Jongseong	Rieul-Khieukh	Lo	0	L
11d9	Hangul	Jongseong	Rieul-Yeorinhieuh	Lo	0	L
11da	Hangul	Jongseong	Mieum-Kiyeok	Lo	0	L
11db	Hangul	Jongseong	Mieum-Rieul	Lo	0	L
11dc	Hangul	Jongseong	Mieum-Pieup	Lo	0	L
11dd	Hangul	Jongseong	Mieum-Sios	Lo	0	L
11de	Hangul	Jongseong	Mieum-Ssangsios	Lo	0	L
11df	Hangul	Jongseong	Mieum-Pansios	Lo	0	L
11e0	Hangul	Jongseong	Mieum-Chieuch	Lo	0	L
11e1	Hangul	Jongseong	Mieum-Hieuh	Lo	0	L
11e2	Hangul	Jongseong	Kapyeounmieum	Lo	0	L
11e3	Hangul	Jongseong	Pieup-Rieul	Lo	0	L
11e4	Hangul	Jongseong	Pieup-Phieuph	Lo	0	L
11e5	Hangul	Jongseong	Pieup-Hieuh	Lo	0	L
11e6	Hangul	Jongseong	Kapyeounpieup	Lo	0	L
11e7	Hangul	Jongseong	Sios-Kiyeok	Lo	0	L
11e8	Hangul	Jongseong	Sios-Tikeut	Lo	0	L
11e9	Hangul	Jongseong	Sios-Rieul	Lo	0	L
11ea	Hangul	Jongseong	Sios-Pieup	Lo	0	L
11eb	Hangul	Jongseong	Pansios	Lo	0	L
11ec	Hangul	Jongseong	Ieung-Kiyeok	Lo	0	L
11ed	Hangul	Jongseong	Ieung-Ssangkiyeok	Lo	0	L
11ee	Hangul	Jongseong	Ssangieung	Lo	0	L
11ef	Hangul	Jongseong	Ieung-Khieukh	Lo	0	L
11f0	Hangul	Jongseong	Yesieung	Lo	0	L
11f1	Hangul	Jongseong	Yesieung-Sios	Lo	0	L
11f2	Hangul	Jongseong	Yesieung-Pansios	Lo	0	L
11f3	Hangul	Jongseong	Phieuph-Pieup	Lo	0	L
11f4	Hangul	Jongseong	Kapyeounphieuph	Lo	0	L
11f5	Hangul	Jongseong	Hieuh-Nieun	Lo	0	L
11f6	Hangul	Jongseong	Hieuh-Rieul	Lo	0	L
11f7	Hangul	Jongseong	Hieuh-Mieum	Lo	0	L
11f8	Hangul	Jongseong	Hieuh-Pieup	Lo	0	L
11f9	Hangul	Jongseong	Yeorinhieuh	Lo	0	L

Hex	Character	Gen	Cmb	Bid	Map
1200	Ethiopic Syllable Ha	Lo	0	L	
1201	Ethiopic Syllable Hu	Lo	0	L	
1202	Ethiopic Syllable Hi	Lo	0	L	
1203	Ethiopic Syllable Haa	Lo	0	L	
1204	Ethiopic Syllable Hee	Lo	0	L	
1205	Ethiopic Syllable He	Lo	0	L	
1206	Ethiopic Syllable Ho	Lo	0	L	
1208	Ethiopic Syllable La	Lo	0	L	
1209	Ethiopic Syllable Lu	Lo	0	L	
120a	Ethiopic Syllable Li	Lo	0	L	
120b	Ethiopic Syllable Laa	Lo	0	L	
120c	Ethiopic Syllable Lee	Lo	0	L	
120d	Ethiopic Syllable Le	Lo	0	L	
120e	Ethiopic Syllable Lo	Lo	0	L	
120f	Ethiopic Syllable Lwa	Lo	0	L	
1210	Ethiopic Syllable Hha	Lo	0	L	
1211	Ethiopic Syllable Hhu	Lo	0	L	
1212	Ethiopic Syllable Hhi	Lo	0	L	
1213	Ethiopic Syllable Hhaa	Lo	0	L	
1214	Ethiopic Syllable Hhee	Lo	0	L	
1215	Ethiopic Syllable Hhe	Lo	0	L	
1216	Ethiopic Syllable Hho	Lo	0	L	
1217	Ethiopic Syllable Hhwa	Lo	0	L	
1218	Ethiopic Syllable Ma	Lo	0	L	
1219	Ethiopic Syllable Mu	Lo	0	L	
121a	Ethiopic Syllable Mi	Lo	0	L	
121b	Ethiopic Syllable Maa	Lo	0	L	
121c	Ethiopic Syllable Mee	Lo	0	L	
121d	Ethiopic Syllable Me	Lo	0	L	
121e	Ethiopic Syllable Mo	Lo	0	L	
121f	Ethiopic Syllable Mwa	Lo	0	L	
1220	Ethiopic Syllable Sza	Lo	0	L	
1221	Ethiopic Syllable Szu	Lo	0	L	
1222	Ethiopic Syllable Szi	Lo	0	L	
1223	Ethiopic Syllable Szaa	Lo	0	L	
1224	Ethiopic Syllable Szee	Lo	0	L	
1225	Ethiopic Syllable Sze	Lo	0	L	
1226	Ethiopic Syllable Szo	Lo	0	L	
1227	Ethiopic Syllable Szwa	Lo	0	L	
1228	Ethiopic Syllable Ra	Lo	0	L	
1229	Ethiopic Syllable Ru	Lo	0	L	
122a	Ethiopic Syllable Ri	Lo	0	L	
122b	Ethiopic Syllable Raa	Lo	0	L	
122c	Ethiopic Syllable Ree	Lo	0	L	
122d	Ethiopic Syllable Re	Lo	0	L	
122e	Ethiopic Syllable Ro	Lo	0	L	
122f	Ethiopic Syllable Rwa	Lo	0	L	
1230	Ethiopic Syllable Sa	Lo	0	L	
1231	Ethiopic Syllable Su	Lo	0	L	
1232	Ethiopic Syllable Si	Lo	0	L	
1233	Ethiopic Syllable Saa	Lo	0	L	
1234	Ethiopic Syllable See	Lo	0	L	
1235	Ethiopic Syllable Se	Lo	0	L	
1236	Ethiopic Syllable So	Lo	0	L	
1237	Ethiopic Syllable Swa	Lo	0	L	
1238	Ethiopic Syllable Sha	Lo	0	L	
1239	Ethiopic Syllable Shu	Lo	0	L	
123a	Ethiopic Syllable Shi	Lo	0	L	
123b	Ethiopic Syllable Shaa	Lo	0	L	
123c	Ethiopic Syllable Shee	Lo	0	L	
123d	Ethiopic Syllable She	Lo	0	L	
123e	Ethiopic Syllable Sho	Lo	0	L	
123f	Ethiopic Syllable Shwa	Lo	0	L	
1240	Ethiopic Syllable Qa	Lo	0	L	
1241	Ethiopic Syllable Qu	Lo	0	L	
1242	Ethiopic Syllable Qi	Lo	0	L	
1243	Ethiopic Syllable Qaa	Lo	0	L	
1244	Ethiopic Syllable Qee	Lo	0	L	
1245	Ethiopic Syllable Qe	Lo	0	L	
1246	Ethiopic Syllable Qo	Lo	0	L	
1248	Ethiopic Syllable Qwa	Lo	0	L	
124a	Ethiopic Syllable Qwi	Lo	0	L	
124b	Ethiopic Syllable Qwaa	Lo	0	L	
124c	Ethiopic Syllable Qwee	Lo	0	L	
124d	Ethiopic Syllable Qwe	Lo	0	L	
1250	Ethiopic Syllable Qha	Lo	0	L	
1251	Ethiopic Syllable Qhu	Lo	0	L	
1252	Ethiopic Syllable Qhi	Lo	0	L	
1253	Ethiopic Syllable Qhaa	Lo	0	L	
1254	Ethiopic Syllable Qhee	Lo	0	L	
1255	Ethiopic Syllable Qhe	Lo	0	L	
1256	Ethiopic Syllable Qho	Lo	0	L	
1258	Ethiopic Syllable Qhwa	Lo	0	L	
125a	Ethiopic Syllable Qhwi	Lo	0	L	
125b	Ethiopic Syllable Qhwaa	Lo	0	L	
125c	Ethiopic Syllable Qhwee	Lo	0	L	
125d	Ethiopic Syllable Qhwe	Lo	0	L	
1260	Ethiopic Syllable Ba	Lo	0	L	
1261	Ethiopic Syllable Bu	Lo	0	L	
1262	Ethiopic Syllable Bi	Lo	0	L	
1263	Ethiopic Syllable Baa	Lo	0	L	
1264	Ethiopic Syllable Bee	Lo	0	L	
1265	Ethiopic Syllable Be	Lo	0	L	
1266	Ethiopic Syllable Bo	Lo	0	L	
1267	Ethiopic Syllable Bwa	Lo	0	L	
1268	Ethiopic Syllable Va	Lo	0	L	
1269	Ethiopic Syllable Vu	Lo	0	L	
126a	Ethiopic Syllable Vi	Lo	0	L	
126b	Ethiopic Syllable Vaa	Lo	0	L	
126c	Ethiopic Syllable Vee	Lo	0	L	
126d	Ethiopic Syllable Ve	Lo	0	L	
126e	Ethiopic Syllable Vo	Lo	0	L	

126f	Ethiopic Syllable	Vwa	Lo	0	L
1270	Ethiopic Syllable	Ta	Lo	0	L
1271	Ethiopic Syllable	Tu	Lo	0	L
1272	Ethiopic Syllable	Ti	Lo	0	L
1273	Ethiopic Syllable	Taa	Lo	0	L
1274	Ethiopic Syllable	Tee	Lo	0	L
1275	Ethiopic Syllable	Te	Lo	0	L
1276	Ethiopic Syllable	to	Lo	0	L
1277	Ethiopic Syllable	Twa	Lo	0	L
1278	Ethiopic Syllable	Ca	Lo	0	L
1279	Ethiopic Syllable	Cu	Lo	0	L
127a	Ethiopic Syllable	Ci	Lo	0	L
127b	Ethiopic Syllable	Caa	Lo	0	L
127c	Ethiopic Syllable	Cee	Lo	0	L
127d	Ethiopic Syllable	Ce	Lo	0	L
127e	Ethiopic Syllable	Co	Lo	0	L
127f	Ethiopic Syllable	Cwa	Lo	0	L
1280	Ethiopic Syllable	Xa	Lo	0	L
1281	Ethiopic Syllable	Xu	Lo	0	L
1282	Ethiopic Syllable	Xi	Lo	0	L
1283	Ethiopic Syllable	Xaa	Lo	0	L
1284	Ethiopic Syllable	Xee	Lo	0	L
1285	Ethiopic Syllable	Xe	Lo	0	L
1286	Ethiopic Syllable	Xo	Lo	0	L
1288	Ethiopic Syllable	Xwa	Lo	0	L
128a	Ethiopic Syllable	Xwi	Lo	0	L
128b	Ethiopic Syllable	Xwaa	Lo	0	L
128c	Ethiopic Syllable	Xwee	Lo	0	L
128d	Ethiopic Syllable	Xwe	Lo	0	L
1290	Ethiopic Syllable	Na	Lo	0	L
1291	Ethiopic Syllable	Nu	Lo	0	L
1292	Ethiopic Syllable	Ni	Lo	0	L
1293	Ethiopic Syllable	Naa	Lo	0	L
1294	Ethiopic Syllable	Nee	Lo	0	L
1295	Ethiopic Syllable	Ne	Lo	0	L
1296	Ethiopic Syllable	No	Lo	0	L
1297	Ethiopic Syllable	Nwa	Lo	0	L
1298	Ethiopic Syllable	Nya	Lo	0	L
1299	Ethiopic Syllable	Nyu	Lo	0	L
129a	Ethiopic Syllable	Nyi	Lo	0	L
129b	Ethiopic Syllable	Nyaa	Lo	0	L
129c	Ethiopic Syllable	Nyee	Lo	0	L
129d	Ethiopic Syllable	Nye	Lo	0	L
129e	Ethiopic Syllable	Nyo	Lo	0	L
129f	Ethiopic Syllable	Nywa	Lo	0	L
12a0	Ethiopic Syllable	Glottal A	Lo	0	L
12a1	Ethiopic Syllable	Glottal U	Lo	0	L
12a2	Ethiopic Syllable	Glottal I	Lo	0	L
12a3	Ethiopic Syllable	Glottal Aa	Lo	0	L
12a4	Ethiopic Syllable	Glottal Ee	Lo	0	L
12a5	Ethiopic Syllable	Glottal E	Lo	0	L
12a6	Ethiopic Syllable	Glottal O	Lo	0	L
12a7	Ethiopic Syllable	Glottal Wa	Lo	0	L
12a8	Ethiopic Syllable	Ka	Lo	0	L
12a9	Ethiopic Syllable	Ku	Lo	0	L
12aa	Ethiopic Syllable	Ki	Lo	0	L
12ab	Ethiopic Syllable	Kaa	Lo	0	L
12ac	Ethiopic Syllable	Kee	Lo	0	L
12ad	Ethiopic Syllable	Ke	Lo	0	L
12ae	Ethiopic Syllable	Ko	Lo	0	L
12b0	Ethiopic Syllable	Kwa	Lo	0	L
12b2	Ethiopic Syllable	Kwi	Lo	0	L
12b3	Ethiopic Syllable	Kwaa	Lo	0	L
12b4	Ethiopic Syllable	Kwee	Lo	0	L
12b5	Ethiopic Syllable	Kwe	Lo	0	L
12b8	Ethiopic Syllable	Kxa	Lo	0	L
12b9	Ethiopic Syllable	Kxu	Lo	0	L
12ba	Ethiopic Syllable	Kxi	Lo	0	L
12bb	Ethiopic Syllable	Kxaa	Lo	0	L
12bc	Ethiopic Syllable	Kxee	Lo	0	L
12bd	Ethiopic Syllable	Kxe	Lo	0	L
12be	Ethiopic Syllable	Kxo	Lo	0	L
12c0	Ethiopic Syllable	Kxwa	Lo	0	L
12c2	Ethiopic Syllable	Kxwi	Lo	0	L
12c3	Ethiopic Syllable	Kxwaa	Lo	0	L
12c4	Ethiopic Syllable	Kxwee	Lo	0	L
12c5	Ethiopic Syllable	Kxwe	Lo	0	L
12c8	Ethiopic Syllable	Wa	Lo	0	L
12c9	Ethiopic Syllable	Wu	Lo	0	L
12ca	Ethiopic Syllable	Wi	Lo	0	L
12cb	Ethiopic Syllable	Waa	Lo	0	L
12cc	Ethiopic Syllable	Wee	Lo	0	L
12cd	Ethiopic Syllable	We	Lo	0	L
12ce	Ethiopic Syllable	Wo	Lo	0	L
12d0	Ethiopic Syllable	Pharyngeal A	Lo	0	L
12d1	Ethiopic Syllable	Pharyngeal U	Lo	0	L
12d2	Ethiopic Syllable	Pharyngeal I	Lo	0	L
12d3	Ethiopic Syllable	Pharyngeal Aa	Lo	0	L
12d4	Ethiopic Syllable	Pharyngeal Ee	Lo	0	L
12d5	Ethiopic Syllable	Pharyngeal E	Lo	0	L
12d6	Ethiopic Syllable	Pharyngeal O	Lo	0	L
12d8	Ethiopic Syllable	Za	Lo	0	L
12d9	Ethiopic Syllable	Zu	Lo	0	L
12da	Ethiopic Syllable	Zi	Lo	0	L
12db	Ethiopic Syllable	Zaa	Lo	0	L
12dc	Ethiopic Syllable	Zee	Lo	0	L
12dd	Ethiopic Syllable	Ze	Lo	0	L
12de	Ethiopic Syllable	Zo	Lo	0	L
12df	Ethiopic Syllable	Zwa	Lo	0	L
12e0	Ethiopic Syllable	Zha	Lo	0	L
12e1	Ethiopic Syllable	Zhu	Lo	0	L
12e2	Ethiopic Syllable	Zhi	Lo	0	L
12e3	Ethiopic Syllable	Zhaa	Lo	0	L
12e4	Ethiopic Syllable	Zhee	Lo	0	L

12e5	Ethiopic Syllable	Zhe	Lo	0	L
12e6	Ethiopic Syllable	Zho	Lo	0	L
12e7	Ethiopic Syllable	Zhwa	Lo	0	L
12e8	Ethiopic Syllable	Ya	Lo	0	L
12e9	Ethiopic Syllable	Yu	Lo	0	L
12ea	Ethiopic Syllable	Yi	Lo	0	L
12eb	Ethiopic Syllable	Yaa	Lo	0	L
12ec	Ethiopic Syllable	Yee	Lo	0	L
12ed	Ethiopic Syllable	Ye	Lo	0	L
12ee	Ethiopic Syllable	Yo	Lo	0	L
12f0	Ethiopic Syllable	Da	Lo	0	L
12f1	Ethiopic Syllable	Du	Lo	0	L
12f2	Ethiopic Syllable	Di	Lo	0	L
12f3	Ethiopic Syllable	Daa	Lo	0	L
12f4	Ethiopic Syllable	Dee	Lo	0	L
12f5	Ethiopic Syllable	De	Lo	0	L
12f6	Ethiopic Syllable	Do	Lo	0	L
12f7	Ethiopic Syllable	Dwa	Lo	0	L
12f8	Ethiopic Syllable	Dda	Lo	0	L
12f9	Ethiopic Syllable	Ddu	Lo	0	L
12fa	Ethiopic Syllable	Ddi	Lo	0	L
12fb	Ethiopic Syllable	Ddaa	Lo	0	L
12fc	Ethiopic Syllable	Ddee	Lo	0	L
12fd	Ethiopic Syllable	Dde	Lo	0	L
12fe	Ethiopic Syllable	Ddo	Lo	0	L
12ff	Ethiopic Syllable	Ddwa	Lo	0	L
1300	Ethiopic Syllable	Ja	Lo	0	L
1301	Ethiopic Syllable	Ju	Lo	0	L
1302	Ethiopic Syllable	Ji	Lo	0	L
1303	Ethiopic Syllable	Jaa	Lo	0	L
1304	Ethiopic Syllable	Jee	Lo	0	L
1305	Ethiopic Syllable	Je	Lo	0	L
1306	Ethiopic Syllable	Jo	Lo	0	L
1307	Ethiopic Syllable	Jwa	Lo	0	L
1308	Ethiopic Syllable	Ga	Lo	0	L
1309	Ethiopic Syllable	Gu	Lo	0	L
130a	Ethiopic Syllable	Gi	Lo	0	L
130b	Ethiopic Syllable	Gaa	Lo	0	L
130c	Ethiopic Syllable	Gee	Lo	0	L
130d	Ethiopic Syllable	Ge	Lo	0	L
130e	Ethiopic Syllable	Go	Lo	0	L
1310	Ethiopic Syllable	Gwa	Lo	0	L
1312	Ethiopic Syllable	Gwi	Lo	0	L
1313	Ethiopic Syllable	Gwaa	Lo	0	L
1314	Ethiopic Syllable	Gwee	Lo	0	L
1315	Ethiopic Syllable	Gwe	Lo	0	L
1318	Ethiopic Syllable	Gga	Lo	0	L
1319	Ethiopic Syllable	Ggu	Lo	0	L
131a	Ethiopic Syllable	Ggi	Lo	0	L
131b	Ethiopic Syllable	Ggaa	Lo	0	L
131c	Ethiopic Syllable	Ggee	Lo	0	L
131d	Ethiopic Syllable	Gge	Lo	0	L
131e	Ethiopic Syllable	Ggo	Lo	0	L
1320	Ethiopic Syllable	Tha	Lo	0	L
1321	Ethiopic Syllable	Thu	Lo	0	L
1322	Ethiopic Syllable	Thi	Lo	0	L
1323	Ethiopic Syllable	Thaa	Lo	0	L
1324	Ethiopic Syllable	Thee	Lo	0	L
1325	Ethiopic Syllable	The	Lo	0	L
1326	Ethiopic Syllable	Tho	Lo	0	L
1327	Ethiopic Syllable	Thwa	Lo	0	L
1328	Ethiopic Syllable	Cha	Lo	0	L
1329	Ethiopic Syllable	Chu	Lo	0	L
132a	Ethiopic Syllable	Chi	Lo	0	L
132b	Ethiopic Syllable	Chaa	Lo	0	L
132c	Ethiopic Syllable	Chee	Lo	0	L
132d	Ethiopic Syllable	Che	Lo	0	L
132e	Ethiopic Syllable	Cho	Lo	0	L
132f	Ethiopic Syllable	Chwa	Lo	0	L
1330	Ethiopic Syllable	Pha	Lo	0	L
1331	Ethiopic Syllable	Phu	Lo	0	L
1332	Ethiopic Syllable	Phi	Lo	0	L
1333	Ethiopic Syllable	Phaa	Lo	0	L
1334	Ethiopic Syllable	Phee	Lo	0	L
1335	Ethiopic Syllable	Phe	Lo	0	L
1336	Ethiopic Syllable	Pho	Lo	0	L
1337	Ethiopic Syllable	Phwa	Lo	0	L
1338	Ethiopic Syllable	Tsa	Lo	0	L
1339	Ethiopic Syllable	Tsu	Lo	0	L
133a	Ethiopic Syllable	Tsi	Lo	0	L
133b	Ethiopic Syllable	Tsaa	Lo	0	L
133c	Ethiopic Syllable	Tsee	Lo	0	L
133d	Ethiopic Syllable	Tse	Lo	0	L
133e	Ethiopic Syllable	Tso	Lo	0	L
133f	Ethiopic Syllable	Tswa	Lo	0	L
1340	Ethiopic Syllable	Tza	Lo	0	L
1341	Ethiopic Syllable	Tzu	Lo	0	L
1342	Ethiopic Syllable	Tzi	Lo	0	L
1343	Ethiopic Syllable	Tzaa	Lo	0	L
1344	Ethiopic Syllable	Tzee	Lo	0	L
1345	Ethiopic Syllable	Tze	Lo	0	L
1346	Ethiopic Syllable	Tzo	Lo	0	L
1348	Ethiopic Syllable	Fa	Lo	0	L
1349	Ethiopic Syllable	Fu	Lo	0	L
134a	Ethiopic Syllable	Fi	Lo	0	L
134b	Ethiopic Syllable	Faa	Lo	0	L
134c	Ethiopic Syllable	Fee	Lo	0	L
134d	Ethiopic Syllable	Fe	Lo	0	L
134e	Ethiopic Syllable	Fo	Lo	0	L
134f	Ethiopic Syllable	Fwa	Lo	0	L
1350	Ethiopic Syllable	Pa	Lo	0	L
1351	Ethiopic Syllable	Pu	Lo	0	L
1352	Ethiopic Syllable	Pi	Lo	0	L
1353	Ethiopic Syllable	Paa	Lo	0	L

1354	Ethiopic Syllable Pee	Lo	0	L
1355	Ethiopic Syllable Pe	Lo	0	L
1356	Ethiopic Syllable Po	Lo	0	L
1357	Ethiopic Syllable Pwa	Lo	0	L
1358	Ethiopic Syllable Rya	Lo	0	L
1359	Ethiopic Syllable Mya	Lo	0	L
135a	Ethiopic Syllable Fya	Lo	0	L
1361	Ethiopic Wordspace	Po	0	L
1362	Ethiopic Full Stop	Po	0	L
1363	Ethiopic Comma	Po	0	L
1364	Ethiopic Semicolon	Po	0	L
1365	Ethiopic Colon	Po	0	L
1366	Ethiopic Preface Colon	Po	0	L
1367	Ethiopic Question Mark	Po	0	L
1368	Ethiopic Paragraph Separator	Po	0	L
1369	Ethiopic Digit One	Nd	0	L
136a	Ethiopic Digit Two	Nd	0	L
136b	Ethiopic Digit Three	Nd	0	L
136c	Ethiopic Digit Four	Nd	0	L
136d	Ethiopic Digit Five	Nd	0	L
136e	Ethiopic Digit Six	Nd	0	L
136f	Ethiopic Digit Seven	Nd	0	L
1370	Ethiopic Digit Eight	Nd	0	L
1371	Ethiopic Digit Nine	Nd	0	L
1372	Ethiopic Number Ten	No	0	L
1373	Ethiopic Number Twenty	No	0	L
1374	Ethiopic Number Thirty	No	0	L
1375	Ethiopic Number Forty	No	0	L
1376	Ethiopic Number Fifty	No	0	L
1377	Ethiopic Number Sixty	No	0	L
1378	Ethiopic Number Seventy	No	0	L
1379	Ethiopic Number Eighty	No	0	L
137a	Ethiopic Number Ninety	No	0	L
137b	Ethiopic Number Hundred	No	0	L
137c	Ethiopic Number Ten Thousand	No	0	L

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Cherokee (13A0 to 13FF)
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Hex	Character	Gen	Cmb	Bid	Map
13a1	Cherokee Letter E	Lo	0	L	13a0 Cherokee Letter A
13a2	Cherokee Letter I	Lo	0	L	
13a3	Cherokee Letter O	Lo	0	L	
13a4	Cherokee Letter U	Lo	0	L	
13a5	Cherokee Letter V	Lo	0	L	
13a6	Cherokee Letter Ga	Lo	0	L	
13a7	Cherokee Letter Ka	Lo	0	L	
13a8	Cherokee Letter Ge	Lo	0	L	
13a9	Cherokee Letter Gi	Lo	0	L	
13aa	Cherokee Letter Go	Lo	0	L	
13ab	Cherokee Letter Gu	Lo	0	L	
13ac	Cherokee Letter Gv	Lo	0	L	
13ad	Cherokee Letter Ha	Lo	0	L	
13ae	Cherokee Letter He	Lo	0	L	
13af	Cherokee Letter Hi	Lo	0	L	
13b0	Cherokee Letter Ho	Lo	0	L	
13b1	Cherokee Letter Hu	Lo	0	L	
13b2	Cherokee Letter Hv	Lo	0	L	
13b3	Cherokee Letter La	Lo	0	L	
13b4	Cherokee Letter Le	Lo	0	L	
13b5	Cherokee Letter Li	Lo	0	L	
13b6	Cherokee Letter Lo	Lo	0	L	
13b7	Cherokee Letter Lu	Lo	0	L	
13b8	Cherokee Letter Lv	Lo	0	L	
13b9	Cherokee Letter Ma	Lo	0	L	
13ba	Cherokee Letter Me	Lo	0	L	
13bb	Cherokee Letter Mi	Lo	0	L	
13bc	Cherokee Letter Mo	Lo	0	L	
13bd	Cherokee Letter Mu	Lo	0	L	
13be	Cherokee Letter Na	Lo	0	L	
13bf	Cherokee Letter Hna	Lo	0	L	
13c0	Cherokee Letter Nah	Lo	0	L	
13c1	Cherokee Letter Ne	Lo	0	L	
13c2	Cherokee Letter Ni	Lo	0	L	
13c3	Cherokee Letter No	Lo	0	L	
13c4	Cherokee Letter Nu	Lo	0	L	
13c5	Cherokee Letter Nv	Lo	0	L	
13c6	Cherokee Letter Qua	Lo	0	L	
13c7	Cherokee Letter Que	Lo	0	L	
13c8	Cherokee Letter Qui	Lo	0	L	
13c9	Cherokee Letter Quo	Lo	0	L	
13ca	Cherokee Letter Quu	Lo	0	L	
13cb	Cherokee Letter Quv	Lo	0	L	
13cc	Cherokee Letter Sa	Lo	0	L	
13cd	Cherokee Letter S	Lo	0	L	
13ce	Cherokee Letter Se	Lo	0	L	
13cf	Cherokee Letter Si	Lo	0	L	
13d0	Cherokee Letter So	Lo	0	L	
13d1	Cherokee Letter Su	Lo	0	L	
13d2	Cherokee Letter Sv	Lo	0	L	
13d3	Cherokee Letter Da	Lo	0	L	
13d4	Cherokee Letter Ta	Lo	0	L	
13d5	Cherokee Letter De	Lo	0	L	
13d6	Cherokee Letter Te	Lo	0	L	
13d7	Cherokee Letter Di	Lo	0	L	
13d8	Cherokee Letter Ti	Lo	0	L	
13d9	Cherokee Letter Do	Lo	0	L	
13da	Cherokee Letter Du	Lo	0	L	
13db	Cherokee Letter Dv	Lo	0	L	
13dc	Cherokee Letter Dla	Lo	0	L	
13dd	Cherokee Letter Tla	Lo	0	L	

13de	Cherokee Letter Tle	Lo	0	L
13df	Cherokee Letter Tli	Lo	0	L
13e0	Cherokee Letter Tlo	Lo	0	L
13e1	Cherokee Letter Tlu	Lo	0	L
13e2	Cherokee Letter Tlv	Lo	0	L
13e3	Cherokee Letter Tsa	Lo	0	L
13e4	Cherokee Letter Tse	Lo	0	L
13e5	Cherokee Letter Tsi	Lo	0	L
13e6	Cherokee Letter Tso	Lo	0	L
13e7	Cherokee Letter Tsu	Lo	0	L
13e8	Cherokee Letter Tsv	Lo	0	L
13e9	Cherokee Letter Wa	Lo	0	L
13ea	Cherokee Letter We	Lo	0	L
13eb	Cherokee Letter Wi	Lo	0	L
13ec	Cherokee Letter Wo	Lo	0	L
13ed	Cherokee Letter Wu	Lo	0	L
13ee	Cherokee Letter Wv	Lo	0	L
13ef	Cherokee Letter Ya	Lo	0	L
13f0	Cherokee Letter Ye	Lo	0	L
13f1	Cherokee Letter Yi	Lo	0	L
13f2	Cherokee Letter Yo	Lo	0	L
13f3	Cherokee Letter Yu	Lo	0	L
13f4	Cherokee Letter Yv	Lo	0	L

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Unified Canadian Aboriginal Syllabics (1400 to 167F)
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Hex	Character	Gen	Cmb	Bid	Map	
1402	Canadian Syllabics Aai	Lo	0	L	1401	Canadian Syllabics E
1403	Canadian Syllabics I	Lo	0	L		
1404	Canadian Syllabics Ii	Lo	0	L		
1405	Canadian Syllabics O	Lo	0	L		
1406	Canadian Syllabics Oo	Lo	0	L		
1407	Canadian Syllabics Y-Cree Oo	Lo	0	L		
1408	Canadian Syllabics Carrier Ee	Lo	0	L		
1409	Canadian Syllabics Carrier I	Lo	0	L		
140a	Canadian Syllabics A	Lo	0	L		
140b	Canadian Syllabics Aa	Lo	0	L		
140c	Canadian Syllabics We	Lo	0	L		
140d	Canadian Syllabics West-Cree We	Lo	0	L		
140e	Canadian Syllabics Wi	Lo	0	L		
140f	Canadian Syllabics West-Cree Wi	Lo	0	L		
1410	Canadian Syllabics Wii	Lo	0	L		
1411	Canadian Syllabics West-Cree Wii	Lo	0	L		
1412	Canadian Syllabics Wo	Lo	0	L		
1413	Canadian Syllabics West-Cree Wo	Lo	0	L		
1414	Canadian Syllabics Woo	Lo	0	L		
1415	Canadian Syllabics West-Cree Woo	Lo	0	L		
1416	Canadian Syllabics Naskapi Woo	Lo	0	L		
1417	Canadian Syllabics Wa	Lo	0	L		
1418	Canadian Syllabics West-Cree Wa	Lo	0	L		
1419	Canadian Syllabics Waa	Lo	0	L		
141a	Canadian Syllabics West-Cree Waa	Lo	0	L		
141b	Canadian Syllabics Naskapi Waa	Lo	0	L		
141c	Canadian Syllabics Ai	Lo	0	L		
141d	Canadian Syllabics Y-Cree W	Lo	0	L		
141e	Canadian Syllabics Glottal Stop	Lo	0	L		
141f	Canadian Syllabics Final Acute	Lo	0	L		
1420	Canadian Syllabics Final Grave	Lo	0	L		
1421	Canadian Syllabics Final Bottom Half Ring	Lo	0	L		
1422	Canadian Syllabics Final Top Half Ring	Lo	0	L		
1423	Canadian Syllabics Final R Half Ring	Lo	0	L		
1424	Canadian Syllabics Final Ring	Lo	0	L		
1425	Canadian Syllabics Final Double Acute	Lo	0	L		
1426	Canadian Syllabics Final Double Short Vert Strokes	Lo	0	L		
1427	Canadian Syllabics Final Middle Dot	Lo	0	L		
1428	Canadian Syllabics Final Short Horiz Stroke	Lo	0	L		
1429	Canadian Syllabics Final Plus	Lo	0	L		
142a	Canadian Syllabics Final Down Tack	Lo	0	L		
142b	Canadian Syllabics En	Lo	0	L		
142c	Canadian Syllabics In	Lo	0	L		
142d	Canadian Syllabics On	Lo	0	L		
142e	Canadian Syllabics An	Lo	0	L		
142f	Canadian Syllabics Pe	Lo	0	L		
1430	Canadian Syllabics Paai	Lo	0	L		
1431	Canadian Syllabics Pi	Lo	0	L		
1432	Canadian Syllabics Pii	Lo	0	L		
1433	Canadian Syllabics Po	Lo	0	L		
1434	Canadian Syllabics Poo	Lo	0	L		
1435	Canadian Syllabics Y-Cree Poo	Lo	0	L		
1436	Canadian Syllabics Carrier Hee	Lo	0	L		
1437	Canadian Syllabics Carrier Hi	Lo	0	L		
1438	Canadian Syllabics Pa	Lo	0	L		
1439	Canadian Syllabics Paa	Lo	0	L		
143a	Canadian Syllabics Pwe	Lo	0	L		
143b	Canadian Syllabics West-Cree Pwe	Lo	0	L		
143c	Canadian Syllabics Pwi	Lo	0	L		
143d	Canadian Syllabics West-Cree Pwi	Lo	0	L		
143e	Canadian Syllabics Pwii	Lo	0	L		
143f	Canadian Syllabics West-Cree Pwii	Lo	0	L		
1440	Canadian Syllabics Pwo	Lo	0	L		
1441	Canadian Syllabics West-Cree Pwo	Lo	0	L		
1442	Canadian Syllabics Pwoo	Lo	0	L		
1443	Canadian Syllabics West-Cree Pwoo	Lo	0	L		
1444	Canadian Syllabics Pwa	Lo	0	L		
1445	Canadian Syllabics West-Cree Pwa	Lo	0	L		
1446	Canadian Syllabics Pwaa	Lo	0	L		
1447	Canadian Syllabics West-Cree Pwaa	Lo	0	L		
1448	Canadian Syllabics Y-Cree Pwaa	Lo	0	L		
1449	Canadian Syllabics P	Lo	0	L		
144a	Canadian Syllabics West-Cree P	Lo	0	L		

144b	Canadian Syllabics Carrier H	Lo 0	L
144c	Canadian Syllabics Te	Lo 0	L
144d	Canadian Syllabics Taai	Lo 0	L
144e	Canadian Syllabics Ti	Lo 0	L
144f	Canadian Syllabics Tii	Lo 0	L
1450	Canadian Syllabics to	Lo 0	L
1451	Canadian Syllabics Too	Lo 0	L
1452	Canadian Syllabics Y-Cree Too	Lo 0	L
1453	Canadian Syllabics Carrier Dee	Lo 0	L
1454	Canadian Syllabics Carrier Di	Lo 0	L
1455	Canadian Syllabics Ta	Lo 0	L
1456	Canadian Syllabics Taa	Lo 0	L
1457	Canadian Syllabics Twe	Lo 0	L
1458	Canadian Syllabics West-Cree Twe	Lo 0	L
1459	Canadian Syllabics Twi	Lo 0	L
145a	Canadian Syllabics West-Cree Twi	Lo 0	L
145b	Canadian Syllabics Twii	Lo 0	L
145c	Canadian Syllabics West-Cree Twii	Lo 0	L
145d	Canadian Syllabics Two	Lo 0	L
145e	Canadian Syllabics West-Cree Two	Lo 0	L
145f	Canadian Syllabics Twoo	Lo 0	L
1460	Canadian Syllabics West-Cree Twoo	Lo 0	L
1461	Canadian Syllabics Twa	Lo 0	L
1462	Canadian Syllabics West-Cree Twa	Lo 0	L
1463	Canadian Syllabics Twaa	Lo 0	L
1464	Canadian Syllabics West-Cree Twaa	Lo 0	L
1465	Canadian Syllabics Naskapi Twaa	Lo 0	L
1466	Canadian Syllabics T	Lo 0	L
1467	Canadian Syllabics Tte	Lo 0	L
1468	Canadian Syllabics Tti	Lo 0	L
1469	Canadian Syllabics Tto	Lo 0	L
146a	Canadian Syllabics Tta	Lo 0	L
146b	Canadian Syllabics Ke	Lo 0	L
146c	Canadian Syllabics Kaai	Lo 0	L
146d	Canadian Syllabics Ki	Lo 0	L
146e	Canadian Syllabics Kii	Lo 0	L
146f	Canadian Syllabics Ko	Lo 0	L
1470	Canadian Syllabics Koo	Lo 0	L
1471	Canadian Syllabics Y-Cree Koo	Lo 0	L
1472	Canadian Syllabics Ka	Lo 0	L
1473	Canadian Syllabics Kaa	Lo 0	L
1474	Canadian Syllabics Kwe	Lo 0	L
1475	Canadian Syllabics West-Cree Kwe	Lo 0	L
1476	Canadian Syllabics Kwi	Lo 0	L
1477	Canadian Syllabics West-Cree Kwi	Lo 0	L
1478	Canadian Syllabics Kwii	Lo 0	L
1479	Canadian Syllabics West-Cree Kwii	Lo 0	L
147a	Canadian Syllabics Kwo	Lo 0	L
147b	Canadian Syllabics West-Cree Kwo	Lo 0	L
147c	Canadian Syllabics Kwoo	Lo 0	L
147d	Canadian Syllabics West-Cree Kwoo	Lo 0	L
147e	Canadian Syllabics Kwa	Lo 0	L
147f	Canadian Syllabics West-Cree Kwa	Lo 0	L
1480	Canadian Syllabics Kwaa	Lo 0	L
1481	Canadian Syllabics West-Cree Kwaa	Lo 0	L
1482	Canadian Syllabics Naskapi Kwaa	Lo 0	L
1483	Canadian Syllabics K	Lo 0	L
1484	Canadian Syllabics Kw	Lo 0	L
1485	Canadian Syllabics South-Slavey Keh	Lo 0	L
1486	Canadian Syllabics South-Slavey Kih	Lo 0	L
1487	Canadian Syllabics South-Slavey Koh	Lo 0	L
1488	Canadian Syllabics South-Slavey Kah	Lo 0	L
1489	Canadian Syllabics Ce	Lo 0	L
148a	Canadian Syllabics Caai	Lo 0	L
148b	Canadian Syllabics Ci	Lo 0	L
148c	Canadian Syllabics Cii	Lo 0	L
148d	Canadian Syllabics Co	Lo 0	L
148e	Canadian Syllabics Coo	Lo 0	L
148f	Canadian Syllabics Y-Cree Coo	Lo 0	L
1490	Canadian Syllabics Ca	Lo 0	L
1491	Canadian Syllabics Caa	Lo 0	L
1492	Canadian Syllabics Cwe	Lo 0	L
1493	Canadian Syllabics West-Cree Cwe	Lo 0	L
1494	Canadian Syllabics Cwi	Lo 0	L
1495	Canadian Syllabics West-Cree Cwi	Lo 0	L
1496	Canadian Syllabics Cwii	Lo 0	L
1497	Canadian Syllabics West-Cree Cwii	Lo 0	L
1498	Canadian Syllabics Cwo	Lo 0	L
1499	Canadian Syllabics West-Cree Cwo	Lo 0	L
149a	Canadian Syllabics Cwoo	Lo 0	L
149b	Canadian Syllabics West-Cree Cwoo	Lo 0	L
149c	Canadian Syllabics Cwa	Lo 0	L
149d	Canadian Syllabics West-Cree Cwa	Lo 0	L
149e	Canadian Syllabics Cwaa	Lo 0	L
149f	Canadian Syllabics West-Cree Cwaa	Lo 0	L
14a0	Canadian Syllabics Naskapi Cwaa	Lo 0	L
14a1	Canadian Syllabics C	Lo 0	L
14a2	Canadian Syllabics Sayisi Th	Lo 0	L
14a3	Canadian Syllabics Me	Lo 0	L
14a4	Canadian Syllabics Maai	Lo 0	L
14a5	Canadian Syllabics Mi	Lo 0	L
14a6	Canadian Syllabics Mii	Lo 0	L
14a7	Canadian Syllabics Mo	Lo 0	L
14a8	Canadian Syllabics Moo	Lo 0	L
14a9	Canadian Syllabics Y-Cree Moo	Lo 0	L
14aa	Canadian Syllabics Ma	Lo 0	L
14ab	Canadian Syllabics Maa	Lo 0	L
14ac	Canadian Syllabics Mwe	Lo 0	L
14ad	Canadian Syllabics West-Cree Mwe	Lo 0	L
14ae	Canadian Syllabics Mwi	Lo 0	L
14af	Canadian Syllabics West-Cree Mwi	Lo 0	L
14b0	Canadian Syllabics Mwii	Lo 0	L
14b1	Canadian Syllabics West-Cree Mwii	Lo 0	L
14b2	Canadian Syllabics Mwo	Lo 0	L

14b3	Canadian Syllabics West-Cree Mwo	Lo 0	L
14b4	Canadian Syllabics Mwo	Lo 0	L
14b5	Canadian Syllabics West-Cree Mwo	Lo 0	L
14b6	Canadian Syllabics Mwa	Lo 0	L
14b7	Canadian Syllabics West-Cree Mwa	Lo 0	L
14b8	Canadian Syllabics Mwaa	Lo 0	L
14b9	Canadian Syllabics West-Cree Mwaa	Lo 0	L
14ba	Canadian Syllabics Naskapi Mwaa	Lo 0	L
14bb	Canadian Syllabics M	Lo 0	L
14bc	Canadian Syllabics West-Cree M	Lo 0	L
14bd	Canadian Syllabics Mh	Lo 0	L
14be	Canadian Syllabics Athapascan M	Lo 0	L
14bf	Canadian Syllabics Sayisi M	Lo 0	L
14c0	Canadian Syllabics Ne	Lo 0	L
14c1	Canadian Syllabics Naai	Lo 0	L
14c2	Canadian Syllabics Ni	Lo 0	L
14c3	Canadian Syllabics Nii	Lo 0	L
14c4	Canadian Syllabics No	Lo 0	L
14c5	Canadian Syllabics Noo	Lo 0	L
14c6	Canadian Syllabics Y-Cree Noo	Lo 0	L
14c7	Canadian Syllabics Na	Lo 0	L
14c8	Canadian Syllabics Naa	Lo 0	L
14c9	Canadian Syllabics Nwe	Lo 0	L
14ca	Canadian Syllabics West-Cree Nwe	Lo 0	L
14cb	Canadian Syllabics Nwa	Lo 0	L
14cc	Canadian Syllabics West-Cree Nwa	Lo 0	L
14cd	Canadian Syllabics Nwaa	Lo 0	L
14ce	Canadian Syllabics West-Cree Nwaa	Lo 0	L
14cf	Canadian Syllabics Naskapi Nwaa	Lo 0	L
14d0	Canadian Syllabics N	Lo 0	L
14d1	Canadian Syllabics Carrier Ng	Lo 0	L
14d2	Canadian Syllabics Nh	Lo 0	L
14d3	Canadian Syllabics Le	Lo 0	L
14d4	Canadian Syllabics Laai	Lo 0	L
14d5	Canadian Syllabics Li	Lo 0	L
14d6	Canadian Syllabics Lii	Lo 0	L
14d7	Canadian Syllabics Lo	Lo 0	L
14d8	Canadian Syllabics Loo	Lo 0	L
14d9	Canadian Syllabics Y-Cree Loo	Lo 0	L
14da	Canadian Syllabics La	Lo 0	L
14db	Canadian Syllabics Laa	Lo 0	L
14dc	Canadian Syllabics Lwe	Lo 0	L
14dd	Canadian Syllabics West-Cree Lwe	Lo 0	L
14de	Canadian Syllabics Lwi	Lo 0	L
14df	Canadian Syllabics West-Cree Lwi	Lo 0	L
14e0	Canadian Syllabics Lwii	Lo 0	L
14e1	Canadian Syllabics West-Cree Lwii	Lo 0	L
14e2	Canadian Syllabics Lwo	Lo 0	L
14e3	Canadian Syllabics West-Cree Lwo	Lo 0	L
14e4	Canadian Syllabics Lwoo	Lo 0	L
14e5	Canadian Syllabics West-Cree Lwoo	Lo 0	L
14e6	Canadian Syllabics Lwa	Lo 0	L
14e7	Canadian Syllabics West-Cree Lwa	Lo 0	L
14e8	Canadian Syllabics Lwaa	Lo 0	L
14e9	Canadian Syllabics West-Cree Lwaa	Lo 0	L
14ea	Canadian Syllabics L	Lo 0	L
14eb	Canadian Syllabics West-Cree L	Lo 0	L
14ec	Canadian Syllabics Medial L	Lo 0	L
14ed	Canadian Syllabics Se	Lo 0	L
14ee	Canadian Syllabics Saai	Lo 0	L
14ef	Canadian Syllabics Si	Lo 0	L
14f0	Canadian Syllabics Sii	Lo 0	L
14f1	Canadian Syllabics So	Lo 0	L
14f2	Canadian Syllabics Soo	Lo 0	L
14f3	Canadian Syllabics Y-Cree Soo	Lo 0	L
14f4	Canadian Syllabics Sa	Lo 0	L
14f5	Canadian Syllabics Saa	Lo 0	L
14f6	Canadian Syllabics Swe	Lo 0	L
14f7	Canadian Syllabics West-Cree Swe	Lo 0	L
14f8	Canadian Syllabics Swi	Lo 0	L
14f9	Canadian Syllabics West-Cree Swi	Lo 0	L
14fa	Canadian Syllabics Swii	Lo 0	L
14fb	Canadian Syllabics West-Cree Swii	Lo 0	L
14fc	Canadian Syllabics Swo	Lo 0	L
14fd	Canadian Syllabics West-Cree Swo	Lo 0	L
14fe	Canadian Syllabics Swoo	Lo 0	L
14ff	Canadian Syllabics West-Cree Swoo	Lo 0	L
1500	Canadian Syllabics Swa	Lo 0	L
1501	Canadian Syllabics West-Cree Swa	Lo 0	L
1502	Canadian Syllabics Swaa	Lo 0	L
1503	Canadian Syllabics West-Cree Swaa	Lo 0	L
1504	Canadian Syllabics Naskapi Swaa	Lo 0	L
1505	Canadian Syllabics S	Lo 0	L
1506	Canadian Syllabics Athapascan S	Lo 0	L
1507	Canadian Syllabics Sw	Lo 0	L
1508	Canadian Syllabics Blackfoot S	Lo 0	L
1509	Canadian Syllabics Moose-Cree Sk	Lo 0	L
150a	Canadian Syllabics Naskapi Skw	Lo 0	L
150b	Canadian Syllabics Naskapi S-W	Lo 0	L
150c	Canadian Syllabics Naskapi Spwa	Lo 0	L
150d	Canadian Syllabics Naskapi Stwa	Lo 0	L
150e	Canadian Syllabics Naskapi Skwa	Lo 0	L
150f	Canadian Syllabics Naskapi Scwa	Lo 0	L
1510	Canadian Syllabics She	Lo 0	L
1511	Canadian Syllabics Shi	Lo 0	L
1512	Canadian Syllabics Shii	Lo 0	L
1513	Canadian Syllabics Sho	Lo 0	L
1514	Canadian Syllabics Shoo	Lo 0	L
1515	Canadian Syllabics Sha	Lo 0	L
1516	Canadian Syllabics Shaa	Lo 0	L
1517	Canadian Syllabics Shwe	Lo 0	L
1518	Canadian Syllabics West-Cree Shwe	Lo 0	L
1519	Canadian Syllabics Shwi	Lo 0	L
151a	Canadian Syllabics West-Cree Shwi	Lo 0	L

151b	Canadian Syllabics Shwii	Lo 0	L
151c	Canadian Syllabics West-Cree Shwii	Lo 0	L
151d	Canadian Syllabics Shwo	Lo 0	L
151e	Canadian Syllabics West-Cree Shwo	Lo 0	L
151f	Canadian Syllabics Shwoo	Lo 0	L
1520	Canadian Syllabics West-Cree Shwoo	Lo 0	L
1521	Canadian Syllabics Shwa	Lo 0	L
1522	Canadian Syllabics West-Cree Shwa	Lo 0	L
1523	Canadian Syllabics Shwaa	Lo 0	L
1524	Canadian Syllabics West-Cree Shwaa	Lo 0	L
1525	Canadian Syllabics Sh	Lo 0	L
1526	Canadian Syllabics Ye	Lo 0	L
1527	Canadian Syllabics Yaai	Lo 0	L
1528	Canadian Syllabics Yi	Lo 0	L
1529	Canadian Syllabics Yii	Lo 0	L
152a	Canadian Syllabics Yo	Lo 0	L
152b	Canadian Syllabics Yoo	Lo 0	L
152c	Canadian Syllabics Y-Cree Yoo	Lo 0	L
152d	Canadian Syllabics Ya	Lo 0	L
152e	Canadian Syllabics Yaa	Lo 0	L
152f	Canadian Syllabics Ywe	Lo 0	L
1530	Canadian Syllabics West-Cree Ywe	Lo 0	L
1531	Canadian Syllabics Ywi	Lo 0	L
1532	Canadian Syllabics West-Cree Ywi	Lo 0	L
1533	Canadian Syllabics Ywii	Lo 0	L
1534	Canadian Syllabics West-Cree Ywii	Lo 0	L
1535	Canadian Syllabics Ywo	Lo 0	L
1536	Canadian Syllabics West-Cree Ywo	Lo 0	L
1537	Canadian Syllabics Ywoo	Lo 0	L
1538	Canadian Syllabics West-Cree Ywoo	Lo 0	L
1539	Canadian Syllabics Ywa	Lo 0	L
153a	Canadian Syllabics West-Cree Ywa	Lo 0	L
153b	Canadian Syllabics Ywaa	Lo 0	L
153c	Canadian Syllabics West-Cree Ywaa	Lo 0	L
153d	Canadian Syllabics Naskapi Ywaa	Lo 0	L
153e	Canadian Syllabics Y	Lo 0	L
153f	Canadian Syllabics Bible-Cree Y	Lo 0	L
1540	Canadian Syllabics West-Cree Y	Lo 0	L
1541	Canadian Syllabics Sayisi Yi	Lo 0	L
1542	Canadian Syllabics Re	Lo 0	L
1543	Canadian Syllabics R-Cree Re	Lo 0	L
1544	Canadian Syllabics West-Cree Le	Lo 0	L
1545	Canadian Syllabics Raai	Lo 0	L
1546	Canadian Syllabics Ri	Lo 0	L
1547	Canadian Syllabics Rii	Lo 0	L
1548	Canadian Syllabics Ro	Lo 0	L
1549	Canadian Syllabics Roo	Lo 0	L
154a	Canadian Syllabics West-Cree Lo	Lo 0	L
154b	Canadian Syllabics Ra	Lo 0	L
154c	Canadian Syllabics Raa	Lo 0	L
154d	Canadian Syllabics West-Cree La	Lo 0	L
154e	Canadian Syllabics Rwaa	Lo 0	L
154f	Canadian Syllabics West-Cree Rwaa	Lo 0	L
1550	Canadian Syllabics R	Lo 0	L
1551	Canadian Syllabics West-Cree R	Lo 0	L
1552	Canadian Syllabics Medial R	Lo 0	L
1553	Canadian Syllabics Fe	Lo 0	L
1554	Canadian Syllabics Faai	Lo 0	L
1555	Canadian Syllabics Fi	Lo 0	L
1556	Canadian Syllabics Fii	Lo 0	L
1557	Canadian Syllabics Fo	Lo 0	L
1558	Canadian Syllabics Foo	Lo 0	L
1559	Canadian Syllabics Fa	Lo 0	L
155a	Canadian Syllabics Faa	Lo 0	L
155b	Canadian Syllabics Fwaa	Lo 0	L
155c	Canadian Syllabics West-Cree Fwaa	Lo 0	L
155d	Canadian Syllabics F	Lo 0	L
155e	Canadian Syllabics The	Lo 0	L
155f	Canadian Syllabics N-Cree The	Lo 0	L
1560	Canadian Syllabics Thi	Lo 0	L
1561	Canadian Syllabics N-Cree Thi	Lo 0	L
1562	Canadian Syllabics Thii	Lo 0	L
1563	Canadian Syllabics N-Cree Thii	Lo 0	L
1564	Canadian Syllabics Tho	Lo 0	L
1565	Canadian Syllabics Thoo	Lo 0	L
1566	Canadian Syllabics Tha	Lo 0	L
1567	Canadian Syllabics Thaa	Lo 0	L
1568	Canadian Syllabics Thwaa	Lo 0	L
1569	Canadian Syllabics West-Cree Thwaa	Lo 0	L
156a	Canadian Syllabics Th	Lo 0	L
156b	Canadian Syllabics Tthe	Lo 0	L
156c	Canadian Syllabics Tthi	Lo 0	L
156d	Canadian Syllabics Ttho	Lo 0	L
156e	Canadian Syllabics Ttha	Lo 0	L
156f	Canadian Syllabics Tth	Lo 0	L
1570	Canadian Syllabics Tye	Lo 0	L
1571	Canadian Syllabics Tyi	Lo 0	L
1572	Canadian Syllabics Tyo	Lo 0	L
1573	Canadian Syllabics Tya	Lo 0	L
1574	Canadian Syllabics Nunavik He	Lo 0	L
1575	Canadian Syllabics Nunavik Hi	Lo 0	L
1576	Canadian Syllabics Nunavik Hii	Lo 0	L
1577	Canadian Syllabics Nunavik Ho	Lo 0	L
1578	Canadian Syllabics Nunavik Hoo	Lo 0	L
1579	Canadian Syllabics Nunavik Ha	Lo 0	L
157a	Canadian Syllabics Nunavik Haa	Lo 0	L
157b	Canadian Syllabics Nunavik H	Lo 0	L
157c	Canadian Syllabics Nunavut H	Lo 0	L
157d	Canadian Syllabics Hk	Lo 0	L
157e	Canadian Syllabics Qaai	Lo 0	L
157f	Canadian Syllabics Qi	Lo 0	L
1580	Canadian Syllabics Qii	Lo 0	L
1581	Canadian Syllabics Qo	Lo 0	L
1582	Canadian Syllabics Qoo	Lo 0	L

1583	Canadian Syllabics Qa	Lo 0 L
1584	Canadian Syllabics Qaa	Lo 0 L
1585	Canadian Syllabics Q	Lo 0 L
1586	Canadian Syllabics Tlhe	Lo 0 L
1587	Canadian Syllabics Tlhi	Lo 0 L
1588	Canadian Syllabics Tlho	Lo 0 L
1589	Canadian Syllabics Tlha	Lo 0 L
158a	Canadian Syllabics West-Cree Re	Lo 0 L
158b	Canadian Syllabics West-Cree Ri	Lo 0 L
158c	Canadian Syllabics West-Cree Ro	Lo 0 L
158d	Canadian Syllabics West-Cree Ra	Lo 0 L
158e	Canadian Syllabics Ngaai	Lo 0 L
158f	Canadian Syllabics Ngi	Lo 0 L
1590	Canadian Syllabics Ngii	Lo 0 L
1591	Canadian Syllabics Ngo	Lo 0 L
1592	Canadian Syllabics Ngoo	Lo 0 L
1593	Canadian Syllabics Nga	Lo 0 L
1594	Canadian Syllabics Ngaa	Lo 0 L
1595	Canadian Syllabics Ng	Lo 0 L
1596	Canadian Syllabics Nng	Lo 0 L
1597	Canadian Syllabics Sayisi She	Lo 0 L
1598	Canadian Syllabics Sayisi Shi	Lo 0 L
1599	Canadian Syllabics Sayisi Sho	Lo 0 L
159a	Canadian Syllabics Sayisi Sha	Lo 0 L
159b	Canadian Syllabics Woods-Cree The	Lo 0 L
159c	Canadian Syllabics Woods-Cree Thi	Lo 0 L
159d	Canadian Syllabics Woods-Cree Tho	Lo 0 L
159e	Canadian Syllabics Woods-Cree Tha	Lo 0 L
159f	Canadian Syllabics Woods-Cree Th	Lo 0 L
15a0	Canadian Syllabics Lhi	Lo 0 L
15a1	Canadian Syllabics Lhii	Lo 0 L
15a2	Canadian Syllabics Lho	Lo 0 L
15a3	Canadian Syllabics Lhoo	Lo 0 L
15a4	Canadian Syllabics Lha	Lo 0 L
15a5	Canadian Syllabics Lhaa	Lo 0 L
15a6	Canadian Syllabics Lh	Lo 0 L
15a7	Canadian Syllabics Th-Cree The	Lo 0 L
15a8	Canadian Syllabics Th-Cree Thi	Lo 0 L
15a9	Canadian Syllabics Th-Cree Thii	Lo 0 L
15aa	Canadian Syllabics Th-Cree Tho	Lo 0 L
15ab	Canadian Syllabics Th-Cree Thoo	Lo 0 L
15ac	Canadian Syllabics Th-Cree Tha	Lo 0 L
15ad	Canadian Syllabics Th-Cree Thaa	Lo 0 L
15ae	Canadian Syllabics Th-Cree Th	Lo 0 L
15af	Canadian Syllabics Aivilik B	Lo 0 L
15b0	Canadian Syllabics Blackfoot E	Lo 0 L
15b1	Canadian Syllabics Blackfoot I	Lo 0 L
15b2	Canadian Syllabics Blackfoot O	Lo 0 L
15b3	Canadian Syllabics Blackfoot A	Lo 0 L
15b4	Canadian Syllabics Blackfoot We	Lo 0 L
15b5	Canadian Syllabics Blackfoot Wi	Lo 0 L
15b6	Canadian Syllabics Blackfoot Wo	Lo 0 L
15b7	Canadian Syllabics Blackfoot Wa	Lo 0 L
15b8	Canadian Syllabics Blackfoot Ne	Lo 0 L
15b9	Canadian Syllabics Blackfoot Ni	Lo 0 L
15ba	Canadian Syllabics Blackfoot No	Lo 0 L
15bb	Canadian Syllabics Blackfoot Na	Lo 0 L
15bc	Canadian Syllabics Blackfoot Ke	Lo 0 L
15bd	Canadian Syllabics Blackfoot Ki	Lo 0 L
15be	Canadian Syllabics Blackfoot Ko	Lo 0 L
15bf	Canadian Syllabics Blackfoot Ka	Lo 0 L
15c0	Canadian Syllabics Sayisi He	Lo 0 L
15c1	Canadian Syllabics Sayisi Hi	Lo 0 L
15c2	Canadian Syllabics Sayisi Ho	Lo 0 L
15c3	Canadian Syllabics Sayisi Ha	Lo 0 L
15c4	Canadian Syllabics Carrier Ghu	Lo 0 L
15c5	Canadian Syllabics Carrier Gho	Lo 0 L
15c6	Canadian Syllabics Carrier Ghe	Lo 0 L
15c7	Canadian Syllabics Carrier Ghee	Lo 0 L
15c8	Canadian Syllabics Carrier Ghi	Lo 0 L
15c9	Canadian Syllabics Carrier Gha	Lo 0 L
15ca	Canadian Syllabics Carrier Ru	Lo 0 L
15cb	Canadian Syllabics Carrier Ro	Lo 0 L
15cc	Canadian Syllabics Carrier Re	Lo 0 L
15cd	Canadian Syllabics Carrier Ree	Lo 0 L
15ce	Canadian Syllabics Carrier Ri	Lo 0 L
15cf	Canadian Syllabics Carrier Ra	Lo 0 L
15d0	Canadian Syllabics Carrier Wu	Lo 0 L
15d1	Canadian Syllabics Carrier Wo	Lo 0 L
15d2	Canadian Syllabics Carrier We	Lo 0 L
15d3	Canadian Syllabics Carrier Wee	Lo 0 L
15d4	Canadian Syllabics Carrier Wi	Lo 0 L
15d5	Canadian Syllabics Carrier Wa	Lo 0 L
15d6	Canadian Syllabics Carrier Hwu	Lo 0 L
15d7	Canadian Syllabics Carrier Hwo	Lo 0 L
15d8	Canadian Syllabics Carrier Hwe	Lo 0 L
15d9	Canadian Syllabics Carrier Hwee	Lo 0 L
15da	Canadian Syllabics Carrier Hwi	Lo 0 L
15db	Canadian Syllabics Carrier Hwa	Lo 0 L
15dc	Canadian Syllabics Carrier Thu	Lo 0 L
15dd	Canadian Syllabics Carrier Tho	Lo 0 L
15de	Canadian Syllabics Carrier The	Lo 0 L
15df	Canadian Syllabics Carrier Thee	Lo 0 L
15e0	Canadian Syllabics Carrier Thi	Lo 0 L
15e1	Canadian Syllabics Carrier Tha	Lo 0 L
15e2	Canadian Syllabics Carrier Ttu	Lo 0 L
15e3	Canadian Syllabics Carrier Tto	Lo 0 L
15e4	Canadian Syllabics Carrier Tte	Lo 0 L
15e5	Canadian Syllabics Carrier Ttee	Lo 0 L
15e6	Canadian Syllabics Carrier Tti	Lo 0 L
15e7	Canadian Syllabics Carrier Tta	Lo 0 L
15e8	Canadian Syllabics Carrier Pu	Lo 0 L
15e9	Canadian Syllabics Carrier Po	Lo 0 L
15ea	Canadian Syllabics Carrier Pe	Lo 0 L

15eb	Canadian Syllabics Carrier	Pee	Lo 0	L
15ec	Canadian Syllabics Carrier	Pi	Lo 0	L
15ed	Canadian Syllabics Carrier	Pa	Lo 0	L
15ee	Canadian Syllabics Carrier	P	Lo 0	L
15ef	Canadian Syllabics Carrier	Gu	Lo 0	L
15f0	Canadian Syllabics Carrier	Go	Lo 0	L
15f1	Canadian Syllabics Carrier	Ge	Lo 0	L
15f2	Canadian Syllabics Carrier	Gee	Lo 0	L
15f3	Canadian Syllabics Carrier	Gi	Lo 0	L
15f4	Canadian Syllabics Carrier	Ga	Lo 0	L
15f5	Canadian Syllabics Carrier	Khu	Lo 0	L
15f6	Canadian Syllabics Carrier	Kho	Lo 0	L
15f7	Canadian Syllabics Carrier	Khe	Lo 0	L
15f8	Canadian Syllabics Carrier	Khee	Lo 0	L
15f9	Canadian Syllabics Carrier	Khi	Lo 0	L
15fa	Canadian Syllabics Carrier	Kha	Lo 0	L
15fb	Canadian Syllabics Carrier	Kku	Lo 0	L
15fc	Canadian Syllabics Carrier	Kko	Lo 0	L
15fd	Canadian Syllabics Carrier	Kke	Lo 0	L
15fe	Canadian Syllabics Carrier	Kkee	Lo 0	L
15ff	Canadian Syllabics Carrier	Kki	Lo 0	L
1600	Canadian Syllabics Carrier	Kka	Lo 0	L
1601	Canadian Syllabics Carrier	Kk	Lo 0	L
1602	Canadian Syllabics Carrier	Nu	Lo 0	L
1603	Canadian Syllabics Carrier	No	Lo 0	L
1604	Canadian Syllabics Carrier	Ne	Lo 0	L
1605	Canadian Syllabics Carrier	Nee	Lo 0	L
1606	Canadian Syllabics Carrier	Ni	Lo 0	L
1607	Canadian Syllabics Carrier	Na	Lo 0	L
1608	Canadian Syllabics Carrier	Mu	Lo 0	L
1609	Canadian Syllabics Carrier	Mo	Lo 0	L
160a	Canadian Syllabics Carrier	Me	Lo 0	L
160b	Canadian Syllabics Carrier	Mee	Lo 0	L
160c	Canadian Syllabics Carrier	Mi	Lo 0	L
160d	Canadian Syllabics Carrier	Ma	Lo 0	L
160e	Canadian Syllabics Carrier	Yu	Lo 0	L
160f	Canadian Syllabics Carrier	Yo	Lo 0	L
1610	Canadian Syllabics Carrier	Ye	Lo 0	L
1611	Canadian Syllabics Carrier	Yee	Lo 0	L
1612	Canadian Syllabics Carrier	Yi	Lo 0	L
1613	Canadian Syllabics Carrier	Ya	Lo 0	L
1614	Canadian Syllabics Carrier	Ju	Lo 0	L
1615	Canadian Syllabics	Sayisi Ju	Lo 0	L
1616	Canadian Syllabics Carrier	Jo	Lo 0	L
1617	Canadian Syllabics Carrier	Je	Lo 0	L
1618	Canadian Syllabics Carrier	Jee	Lo 0	L
1619	Canadian Syllabics Carrier	Ji	Lo 0	L
161a	Canadian Syllabics	Sayisi Ji	Lo 0	L
161b	Canadian Syllabics Carrier	Ja	Lo 0	L
161c	Canadian Syllabics Carrier	Jju	Lo 0	L
161d	Canadian Syllabics Carrier	Jjo	Lo 0	L
161e	Canadian Syllabics Carrier	Jje	Lo 0	L
161f	Canadian Syllabics Carrier	Jjee	Lo 0	L
1620	Canadian Syllabics Carrier	Jji	Lo 0	L
1621	Canadian Syllabics Carrier	Jja	Lo 0	L
1622	Canadian Syllabics Carrier	Lu	Lo 0	L
1623	Canadian Syllabics Carrier	Lo	Lo 0	L
1624	Canadian Syllabics Carrier	Le	Lo 0	L
1625	Canadian Syllabics Carrier	Lee	Lo 0	L
1626	Canadian Syllabics Carrier	Li	Lo 0	L
1627	Canadian Syllabics Carrier	La	Lo 0	L
1628	Canadian Syllabics Carrier	Dlu	Lo 0	L
1629	Canadian Syllabics Carrier	Dlo	Lo 0	L
162a	Canadian Syllabics Carrier	Dle	Lo 0	L
162b	Canadian Syllabics Carrier	Dlee	Lo 0	L
162c	Canadian Syllabics Carrier	Dli	Lo 0	L
162d	Canadian Syllabics Carrier	Dla	Lo 0	L
162e	Canadian Syllabics Carrier	Lhu	Lo 0	L
162f	Canadian Syllabics Carrier	Lho	Lo 0	L
1630	Canadian Syllabics Carrier	Lhe	Lo 0	L
1631	Canadian Syllabics Carrier	Lhee	Lo 0	L
1632	Canadian Syllabics Carrier	Lhi	Lo 0	L
1633	Canadian Syllabics Carrier	Lha	Lo 0	L
1634	Canadian Syllabics Carrier	Tlhu	Lo 0	L
1635	Canadian Syllabics Carrier	Tlho	Lo 0	L
1636	Canadian Syllabics Carrier	Tlhe	Lo 0	L
1637	Canadian Syllabics Carrier	Tlhee	Lo 0	L
1638	Canadian Syllabics Carrier	Tlhi	Lo 0	L
1639	Canadian Syllabics Carrier	Tlha	Lo 0	L
163a	Canadian Syllabics Carrier	Tlu	Lo 0	L
163b	Canadian Syllabics Carrier	Tlo	Lo 0	L
163c	Canadian Syllabics Carrier	Tle	Lo 0	L
163d	Canadian Syllabics Carrier	Tlee	Lo 0	L
163e	Canadian Syllabics Carrier	Tli	Lo 0	L
163f	Canadian Syllabics Carrier	Tla	Lo 0	L
1640	Canadian Syllabics Carrier	Zu	Lo 0	L
1641	Canadian Syllabics Carrier	Zo	Lo 0	L
1642	Canadian Syllabics Carrier	Ze	Lo 0	L
1643	Canadian Syllabics Carrier	Zee	Lo 0	L
1644	Canadian Syllabics Carrier	Zi	Lo 0	L
1645	Canadian Syllabics Carrier	Za	Lo 0	L
1646	Canadian Syllabics Carrier	Z	Lo 0	L
1647	Canadian Syllabics Carrier	Initial Z	Lo 0	L
1648	Canadian Syllabics Carrier	Dzu	Lo 0	L
1649	Canadian Syllabics Carrier	Dzo	Lo 0	L
164a	Canadian Syllabics Carrier	Dze	Lo 0	L
164b	Canadian Syllabics Carrier	Dzee	Lo 0	L
164c	Canadian Syllabics Carrier	Dzi	Lo 0	L
164d	Canadian Syllabics Carrier	Dza	Lo 0	L
164e	Canadian Syllabics Carrier	Su	Lo 0	L
164f	Canadian Syllabics Carrier	So	Lo 0	L
1650	Canadian Syllabics Carrier	Se	Lo 0	L
1651	Canadian Syllabics Carrier	See	Lo 0	L
1652	Canadian Syllabics Carrier	Si	Lo 0	L

1653	Canadian Syllabics Carrier Sa	Lo	0	L
1654	Canadian Syllabics Carrier Shu	Lo	0	L
1655	Canadian Syllabics Carrier Sho	Lo	0	L
1656	Canadian Syllabics Carrier She	Lo	0	L
1657	Canadian Syllabics Carrier Shee	Lo	0	L
1658	Canadian Syllabics Carrier Shi	Lo	0	L
1659	Canadian Syllabics Carrier Sha	Lo	0	L
165a	Canadian Syllabics Carrier Sh	Lo	0	L
165b	Canadian Syllabics Carrier Tsu	Lo	0	L
165c	Canadian Syllabics Carrier Tso	Lo	0	L
165d	Canadian Syllabics Carrier Tse	Lo	0	L
165e	Canadian Syllabics Carrier Tsee	Lo	0	L
165f	Canadian Syllabics Carrier Tsi	Lo	0	L
1660	Canadian Syllabics Carrier Tsa	Lo	0	L
1661	Canadian Syllabics Carrier Chu	Lo	0	L
1662	Canadian Syllabics Carrier Cho	Lo	0	L
1663	Canadian Syllabics Carrier Che	Lo	0	L
1664	Canadian Syllabics Carrier Chee	Lo	0	L
1665	Canadian Syllabics Carrier Chi	Lo	0	L
1666	Canadian Syllabics Carrier Cha	Lo	0	L
1667	Canadian Syllabics Carrier Ttsu	Lo	0	L
1668	Canadian Syllabics Carrier Ttso	Lo	0	L
1669	Canadian Syllabics Carrier Ttse	Lo	0	L
166a	Canadian Syllabics Carrier Ttsee	Lo	0	L
166b	Canadian Syllabics Carrier Ttsi	Lo	0	L
166c	Canadian Syllabics Carrier Ttsa	Lo	0	L
166d	Canadian Syllabics Chi Sign	Po	0	L
166e	Canadian Syllabics Full Stop	Po	0	L
166f	Canadian Syllabics Qai	Lo	0	L
1670	Canadian Syllabics Ngai	Lo	0	L
1671	Canadian Syllabics Nngi	Lo	0	L
1672	Canadian Syllabics Nngii	Lo	0	L
1673	Canadian Syllabics Nngo	Lo	0	L
1674	Canadian Syllabics Nngoo	Lo	0	L
1675	Canadian Syllabics Nnga	Lo	0	L
1676	Canadian Syllabics Nngaa	Lo	0	L

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Ogham (1680 to 169F)
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Hex	Character	Gen	Cmb	Bid	Map	
1681	Ogham Letter Beith	Lo	0	L		
1682	Ogham Letter Luis	Lo	0	L		
1683	Ogham Letter Fearn	Lo	0	L		
1684	Ogham Letter Sail	Lo	0	L		
1685	Ogham Letter Nion	Lo	0	L		
1686	Ogham Letter Uath	Lo	0	L		
1687	Ogham Letter Dair	Lo	0	L		
1688	Ogham Letter Tinne	Lo	0	L		
1689	Ogham Letter Coll	Lo	0	L		
168a	Ogham Letter Ceirt	Lo	0	L		
168b	Ogham Letter Muin	Lo	0	L		
168c	Ogham Letter Gort	Lo	0	L		
168d	Ogham Letter Ngeadal	Lo	0	L		
168e	Ogham Letter Straif	Lo	0	L		
168f	Ogham Letter Ruis	Lo	0	L		
1690	Ogham Letter Ailm	Lo	0	L		
1691	Ogham Letter Onn	Lo	0	L		
1692	Ogham Letter Ur	Lo	0	L		
1693	Ogham Letter Eadhadh	Lo	0	L		
1694	Ogham Letter Iodhadh	Lo	0	L		
1695	Ogham Letter Eabhadh	Lo	0	L		
1696	Ogham Letter or	Lo	0	L		
1697	Ogham Letter Uilleann	Lo	0	L		
1698	Ogham Letter Ifin	Lo	0	L		
1699	Ogham Letter Eamhancholl	Lo	0	L		
169a	Ogham Letter Peith	Lo	0	L		
169b	Ogham Feather Mark	Ps	0	ON		
169c	Ogham Reversed Feather Mark	Pe	0	ON		

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Runic (16A0 to 16FF)
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Hex	Character	Gen	Cmb	Bid	Map	
16a0	Runic Letter Fehu Feoh Fe F	Lo	0	L		
16a1	Runic Letter V	Lo	0	L		
16a2	Runic Letter Uruz Ur U	Lo	0	L		
16a3	Runic Letter Yr	Lo	0	L		
16a4	Runic Letter Y	Lo	0	L		
16a5	Runic Letter W	Lo	0	L		
16a6	Runic Letter Thurisaz Thurs Thorn	Lo	0	L		
16a7	Runic Letter Eth	Lo	0	L		
16a8	Runic Letter Ansuz A	Lo	0	L		
16a9	Runic Letter Os O	Lo	0	L		
16aa	Runic Letter Ac A	Lo	0	L		
16ab	Runic Letter Aesc	Lo	0	L		
16ac	Runic Letter Long-Branch-Oss O	Lo	0	L		
16ad	Runic Letter Short-Twig-Oss O	Lo	0	L		
16ae	Runic Letter O	Lo	0	L		
16af	Runic Letter Oe	Lo	0	L		
16b0	Runic Letter On	Lo	0	L		
16b1	Runic Letter Raido Rad Reid R	Lo	0	L		
16b2	Runic Letter Kauna	Lo	0	L		
16b3	Runic Letter Cen	Lo	0	L		
16b4	Runic Letter Kaun K	Lo	0	L		
16b5	Runic Letter G	Lo	0	L		
16b6	Runic Letter Eng	Lo	0	L		
16b7	Runic Letter Gebo Gyfu G	Lo	0	L		

16b8	Runic Letter Gar	Lo	0	L
16b9	Runic Letter Wunjo Wynn W	Lo	0	L
16ba	Runic Letter Haglaz H	Lo	0	L
16bb	Runic Letter Haegl H	Lo	0	L
16bc	Runic Letter Long-Branch-Hagall H	Lo	0	L
16bd	Runic Letter Short-Twig-Hagall H	Lo	0	L
16be	Runic Letter Naudiz Nud Naud N	Lo	0	L
16bf	Runic Letter Short-Twig-Naud N	Lo	0	L
16c0	Runic Letter Dotted-N	Lo	0	L
16c1	Runic Letter Isaz Is Iss I	Lo	0	L
16c2	Runic Letter E	Lo	0	L
16c3	Runic Letter Jeran J	Lo	0	L
16c4	Runic Letter Ger	Lo	0	L
16c5	Runic Letter Long-Branch-Ar Ae	Lo	0	L
16c6	Runic Letter Short-Twig-Ar A	Lo	0	L
16c7	Runic Letter Iwaz Eoh	Lo	0	L
16c8	Runic Letter Pertho Peorth P	Lo	0	L
16c9	Runic Letter Algiz Eolhx	Lo	0	L
16ca	Runic Letter Sowilo S	Lo	0	L
16cb	Runic Letter Sigel Long-Branch-Sol S	Lo	0	L
16cc	Runic Letter Short-Twig-Sol S	Lo	0	L
16cd	Runic Letter C	Lo	0	L
16ce	Runic Letter Z	Lo	0	L
16cf	Runic Letter Tiwaz Tir Tyr T	Lo	0	L
16d0	Runic Letter Short-Twig-Tyr T	Lo	0	L
16d1	Runic Letter D	Lo	0	L
16d2	Runic Letter Berkanan Beorc Bjarkan B	Lo	0	L
16d3	Runic Letter Short-Twig-Bjarkan B	Lo	0	L
16d4	Runic Letter Dotted-P	Lo	0	L
16d5	Runic Letter Open-P	Lo	0	L
16d6	Runic Letter Ehwaz Eh E	Lo	0	L
16d7	Runic Letter Mannaz Man M	Lo	0	L
16d8	Runic Letter Long-Branch-Madr M	Lo	0	L
16d9	Runic Letter Short-Twig-Madr M	Lo	0	L
16da	Runic Letter Laukaz Lagu Logr L	Lo	0	L
16db	Runic Letter Dotted-L	Lo	0	L
16dc	Runic Letter Ingwaz	Lo	0	L
16dd	Runic Letter Ing	Lo	0	L
16de	Runic Letter Dagaz Daeg D	Lo	0	L
16df	Runic Letter Othalan Ethel O	Lo	0	L
16e0	Runic Letter Ear	Lo	0	L
16e1	Runic Letter Ior	Lo	0	L
16e2	Runic Letter Cweorth	Lo	0	L
16e3	Runic Letter Calc	Lo	0	L
16e4	Runic Letter Cealc	Lo	0	L
16e5	Runic Letter Stan	Lo	0	L
16e6	Runic Letter Long-Branch-Yr	Lo	0	L
16e7	Runic Letter Short-Twig-Yr	Lo	0	L
16e8	Runic Letter Icelandic-Yr	Lo	0	L
16e9	Runic Letter Q	Lo	0	L
16ea	Runic Letter X	Lo	0	L
16eb	Runic Single Punctuation	Po	0	L
16ec	Runic Multiple Punctuation	Po	0	L
16ed	Runic Cross Punctuation	Po	0	L
16ee	Runic Arlaug Symbol	Nl	0	L
16ef	Runic Tvimadur Symbol	Nl	0	L
16f0	Runic Belgthor Symbol	Nl	0	L

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Tagalog (1700 to 171F)
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Hex	Character	Gen	Cmb	Bid	Map
1700	Tagalog Letter A	Lo	0	L	
1701	Tagalog Letter I	Lo	0	L	
1702	Tagalog Letter U	Lo	0	L	
1703	Tagalog Letter Ka	Lo	0	L	
1704	Tagalog Letter Ga	Lo	0	L	
1705	Tagalog Letter Nga	Lo	0	L	
1706	Tagalog Letter Ta	Lo	0	L	
1707	Tagalog Letter Da	Lo	0	L	
1708	Tagalog Letter Na	Lo	0	L	
1709	Tagalog Letter Pa	Lo	0	L	
170a	Tagalog Letter Ba	Lo	0	L	
170b	Tagalog Letter Ma	Lo	0	L	
170c	Tagalog Letter Ya	Lo	0	L	
170e	Tagalog Letter La	Lo	0	L	
170f	Tagalog Letter Wa	Lo	0	L	
1710	Tagalog Letter Sa	Lo	0	L	
1711	Tagalog Letter Ha	Lo	0	L	
1712	Tagalog Vowel Sign I	Mn	0	NSM	
1713	Tagalog Vowel Sign U	Mn	0	NSM	
1714	Tagalog Sign Virama	Mn	9	NSM	
1720	Hanunoo Letter A	Lo	0	L	

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Hanunoo (1720 to 173F)
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Hex	Character	Gen	Cmb	Bid	Map
1721	Hanunoo Letter I	Lo	0	L	
1722	Hanunoo Letter U	Lo	0	L	
1723	Hanunoo Letter Ka	Lo	0	L	
1724	Hanunoo Letter Ga	Lo	0	L	
1725	Hanunoo Letter Nga	Lo	0	L	
1726	Hanunoo Letter Ta	Lo	0	L	
1727	Hanunoo Letter Da	Lo	0	L	
1728	Hanunoo Letter Na	Lo	0	L	
1729	Hanunoo Letter Pa	Lo	0	L	
172a	Hanunoo Letter Ba	Lo	0	L	

172b	Hanunoo Letter Ma	Lo	0	L
172c	Hanunoo Letter Ya	Lo	0	L
172d	Hanunoo Letter Ra	Lo	0	L
172e	Hanunoo Letter La	Lo	0	L
172f	Hanunoo Letter Wa	Lo	0	L
1730	Hanunoo Letter Sa	Lo	0	L
1731	Hanunoo Letter Ha	Lo	0	L
1732	Hanunoo Vowel Sign I	Mn	0	NSM
1733	Hanunoo Vowel Sign U	Mn	0	NSM
1734	Hanunoo Sign Pamudpod	Mn	9	NSM
1735	Philippine Single Punctuation	Po	0	L
1736	Philippine Double Punctuation	Po	0	L

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Buhid (1740 to 175F)
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Hex	Character	Gen	Cmb	Bid	Map
1740	Buhid Letter A	Lo	0	L	
1741	Buhid Letter I	Lo	0	L	
1742	Buhid Letter U	Lo	0	L	
1743	Buhid Letter Ka	Lo	0	L	
1744	Buhid Letter Ga	Lo	0	L	
1745	Buhid Letter Nga	Lo	0	L	
1746	Buhid Letter Ta	Lo	0	L	
1747	Buhid Letter Da	Lo	0	L	
1748	Buhid Letter Na	Lo	0	L	
1749	Buhid Letter Pa	Lo	0	L	
174a	Buhid Letter Ba	Lo	0	L	
174b	Buhid Letter Ma	Lo	0	L	
174c	Buhid Letter Ya	Lo	0	L	
174d	Buhid Letter Ra	Lo	0	L	
174e	Buhid Letter La	Lo	0	L	
174f	Buhid Letter Wa	Lo	0	L	
1750	Buhid Letter Sa	Lo	0	L	
1751	Buhid Letter Ha	Lo	0	L	
1752	Buhid Vowel Sign I	Mn	0	NSM	
1753	Buhid Vowel Sign U	Mn	0	NSM	

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Tagbanwa (1760 to 177F)
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Hex	Character	Gen	Cmb	Bid	Map
1760	Tagbanwa Letter A	Lo	0	L	
1761	Tagbanwa Letter I	Lo	0	L	
1762	Tagbanwa Letter U	Lo	0	L	
1763	Tagbanwa Letter Ka	Lo	0	L	
1764	Tagbanwa Letter Ga	Lo	0	L	
1765	Tagbanwa Letter Nga	Lo	0	L	
1766	Tagbanwa Letter Ta	Lo	0	L	
1767	Tagbanwa Letter Da	Lo	0	L	
1768	Tagbanwa Letter Na	Lo	0	L	
1769	Tagbanwa Letter Pa	Lo	0	L	
176a	Tagbanwa Letter Ba	Lo	0	L	
176b	Tagbanwa Letter Ma	Lo	0	L	
176c	Tagbanwa Letter Ya	Lo	0	L	
176e	Tagbanwa Letter La	Lo	0	L	
176f	Tagbanwa Letter Wa	Lo	0	L	
1770	Tagbanwa Letter Sa	Lo	0	L	
1772	Tagbanwa Vowel Sign I	Mn	0	NSM	
1773	Tagbanwa Vowel Sign U	Mn	0	NSM	

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Khmer (1780 to 17FF)
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Hex	Character	Gen	Cmb	Bid	Map
1780	Khmer Letter Ka	Lo	0	L	
1781	Khmer Letter Kha	Lo	0	L	
1782	Khmer Letter Ko	Lo	0	L	
1783	Khmer Letter Kho	Lo	0	L	
1784	Khmer Letter Ngo	Lo	0	L	
1785	Khmer Letter Ca	Lo	0	L	
1786	Khmer Letter Cha	Lo	0	L	
1787	Khmer Letter Co	Lo	0	L	
1788	Khmer Letter Cho	Lo	0	L	
1789	Khmer Letter Nyo	Lo	0	L	
178a	Khmer Letter Da	Lo	0	L	
178b	Khmer Letter Ttha	Lo	0	L	
178c	Khmer Letter Do	Lo	0	L	
178d	Khmer Letter Ttho	Lo	0	L	
178e	Khmer Letter Nno	Lo	0	L	
178f	Khmer Letter Ta	Lo	0	L	
1790	Khmer Letter Tha	Lo	0	L	
1791	Khmer Letter to	Lo	0	L	
1792	Khmer Letter Tho	Lo	0	L	
1793	Khmer Letter No	Lo	0	L	
1794	Khmer Letter Ba	Lo	0	L	
1795	Khmer Letter Pha	Lo	0	L	
1796	Khmer Letter Po	Lo	0	L	
1797	Khmer Letter Pho	Lo	0	L	
1798	Khmer Letter Mo	Lo	0	L	
1799	Khmer Letter Yo	Lo	0	L	
179a	Khmer Letter Ro	Lo	0	L	
179b	Khmer Letter Lo	Lo	0	L	
179c	Khmer Letter Vo	Lo	0	L	
179d	Khmer Letter Sha	Lo	0	L	

179e	Khmer Letter Sso	Lo	0	L
179f	Khmer Letter Sa	Lo	0	L
17a0	Khmer Letter Ha	Lo	0	L
17a1	Khmer Letter La	Lo	0	L
17a2	Khmer Letter Qa	Lo	0	L
17a3	Khmer Independent Vowel Qaa	Lo	0	L
17a4	Khmer Independent Vowel Qaa	Lo	0	L
17a5	Khmer Independent Vowel Qi	Lo	0	L
17a6	Khmer Independent Vowel Qii	Lo	0	L
17a7	Khmer Independent Vowel Qu	Lo	0	L
17a8	Khmer Independent Vowel Quk	Lo	0	L
17a9	Khmer Independent Vowel Quu	Lo	0	L
17aa	Khmer Independent Vowel Quuv	Lo	0	L
17ab	Khmer Independent Vowel Ry	Lo	0	L
17ac	Khmer Independent Vowel Ryy	Lo	0	L
17ad	Khmer Independent Vowel Ly	Lo	0	L
17ae	Khmer Independent Vowel Lyy	Lo	0	L
17af	Khmer Independent Vowel Qe	Lo	0	L
17b0	Khmer Independent Vowel Qai	Lo	0	L
17b1	Khmer Independent Vowel Qoo Type One	Lo	0	L
17b2	Khmer Independent Vowel Qoo Type Two	Lo	0	L
17b3	Khmer Independent Vowel Qau	Lo	0	L
17b4	Khmer Vowel Inherent Aq	Mc	0	L
17b5	Khmer Vowel Inherent Aa	Mc	0	L
17b6	Khmer Vowel Sign Aa	Mc	0	L
17b7	Khmer Vowel Sign I	Mn	0	NSM
17b8	Khmer Vowel Sign Ii	Mn	0	NSM
17b9	Khmer Vowel Sign Y	Mn	0	NSM
17ba	Khmer Vowel Sign Yy	Mn	0	NSM
17bb	Khmer Vowel Sign U	Mn	0	NSM
17bc	Khmer Vowel Sign Uu	Mn	0	NSM
17bd	Khmer Vowel Sign Ua	Mn	0	NSM
17be	Khmer Vowel Sign Oe	Mc	0	L
17bf	Khmer Vowel Sign Ya	Mc	0	L
17c0	Khmer Vowel Sign Ie	Mc	0	L
17c1	Khmer Vowel Sign E	Mc	0	L
17c2	Khmer Vowel Sign Ae	Mc	0	L
17c3	Khmer Vowel Sign Ai	Mc	0	L
17c4	Khmer Vowel Sign Oo	Mc	0	L
17c5	Khmer Vowel Sign Au	Mc	0	L
17c6	Khmer Sign Nikahit	Mn	0	NSM
17c7	Khmer Sign Reahmuk	Mc	0	L
17c8	Khmer Sign Yuukaleapintu	Mc	0	L
17c9	Khmer Sign Muusikatoan	Mn	0	NSM
17ca	Khmer Sign Triisap	Mn	0	NSM
17cb	Khmer Sign Bantoc	Mn	0	NSM
17cc	Khmer Sign Robat	Mn	0	NSM
17cd	Khmer Sign Toandakhiat	Mn	0	NSM
17ce	Khmer Sign Kakabat	Mn	0	NSM
17cf	Khmer Sign Ahsda	Mn	0	NSM
17d0	Khmer Sign Samyok Sannya	Mn	0	NSM
17d1	Khmer Sign Viriam	Mn	0	NSM
17d2	Khmer Sign Coeng	Mn	9	NSM
17d3	Khmer Sign Bathamasat	Mn	0	NSM
17d4	Khmer Sign Khan	Po	0	L
17d5	Khmer Sign Bariyoosan	Po	0	L
17d6	Khmer Sign Camnuc Pii KuuH	Po	0	L
17d7	Khmer Sign Lek Too	Lm	0	L
17d8	Khmer Sign Beyyal	Po	0	L
17d9	Khmer Sign Phnaek Muan	Po	0	L
17da	Khmer Sign Koomuut	Po	0	L
17db	Khmer Currency Symbol Riel	Sc	0	ET
17dc	Khmer Sign Avakrahasanya	Lo	0	L
17e0	Khmer Digit Zero	Nd	0	L
17e1	Khmer Digit One	Nd	0	L
17e2	Khmer Digit Two	Nd	0	L
17e3	Khmer Digit Three	Nd	0	L
17e4	Khmer Digit Four	Nd	0	L
17e5	Khmer Digit Five	Nd	0	L
17e6	Khmer Digit Six	Nd	0	L
17e7	Khmer Digit Seven	Nd	0	L
17e8	Khmer Digit Eight	Nd	0	L
17e9	Khmer Digit Nine	Nd	0	L

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Mongolian (1800 to 18AF)
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Hex	Character	Gen	Cmb	Bid	Map
1800	Mongolian Birga	Po	0	ON	
1801	Mongolian Ellipsis	Po	0	ON	
1802	Mongolian Comma	Po	0	ON	
1803	Mongolian Full Stop	Po	0	ON	
1804	Mongolian Colon	Po	0	ON	
1805	Mongolian Four Dots	Po	0	ON	
1806	Mongolian Todo Soft Hyphen	Pd	0	ON	
1807	Mongolian Sibe Syllable Boundary Marker	Po	0	ON	
1808	Mongolian Manchu Comma	Po	0	ON	
1809	Mongolian Manchu Full Stop	Po	0	ON	
180a	Mongolian Nirugu	Po	0	ON	
180b	Mongolian Free Variation Selector One	Mn	0	NSM	
180c	Mongolian Free Variation Selector Two	Mn	0	NSM	
180d	Mongolian Free Variation Selector Three	Mn	0	NSM	
180e	Mongolian Vowel Separator	Cf	0	BN	
1810	Mongolian Digit Zero	Nd	0	L	
1811	Mongolian Digit One	Nd	0	L	
1812	Mongolian Digit Two	Nd	0	L	
1813	Mongolian Digit Three	Nd	0	L	
1814	Mongolian Digit Four	Nd	0	L	
1815	Mongolian Digit Five	Nd	0	L	
1816	Mongolian Digit Six	Nd	0	L	
1817	Mongolian Digit Seven	Nd	0	L	

1818	Mongolian Digit Eight	Nd	0	L
1819	Mongolian Digit Nine	Nd	0	L
1820	Mongolian Letter A	Lo	0	L
1821	Mongolian Letter E	Lo	0	L
1822	Mongolian Letter I	Lo	0	L
1823	Mongolian Letter O	Lo	0	L
1824	Mongolian Letter U	Lo	0	L
1825	Mongolian Letter Oe	Lo	0	L
1826	Mongolian Letter Ue	Lo	0	L
1827	Mongolian Letter Ee	Lo	0	L
1828	Mongolian Letter Na	Lo	0	L
1829	Mongolian Letter Ang	Lo	0	L
182a	Mongolian Letter Ba	Lo	0	L
182b	Mongolian Letter Pa	Lo	0	L
182c	Mongolian Letter Qa	Lo	0	L
182d	Mongolian Letter Ga	Lo	0	L
182e	Mongolian Letter Ma	Lo	0	L
182f	Mongolian Letter La	Lo	0	L
1830	Mongolian Letter Sa	Lo	0	L
1831	Mongolian Letter Sha	Lo	0	L
1832	Mongolian Letter Ta	Lo	0	L
1833	Mongolian Letter Da	Lo	0	L
1834	Mongolian Letter Cha	Lo	0	L
1835	Mongolian Letter Ja	Lo	0	L
1836	Mongolian Letter Ya	Lo	0	L
1837	Mongolian Letter Ra	Lo	0	L
1838	Mongolian Letter Wa	Lo	0	L
1839	Mongolian Letter Fa	Lo	0	L
183a	Mongolian Letter Ka	Lo	0	L
183b	Mongolian Letter Kha	Lo	0	L
183c	Mongolian Letter Tsa	Lo	0	L
183d	Mongolian Letter Za	Lo	0	L
183e	Mongolian Letter Haa	Lo	0	L
183f	Mongolian Letter Zra	Lo	0	L
1840	Mongolian Letter Lha	Lo	0	L
1841	Mongolian Letter Zhi	Lo	0	L
1842	Mongolian Letter Chi	Lo	0	L
1843	Mongolian Letter Todo Long Vowel Sign	Lm	0	L
1844	Mongolian Letter Todo E	Lo	0	L
1845	Mongolian Letter Todo I	Lo	0	L
1846	Mongolian Letter Todo O	Lo	0	L
1847	Mongolian Letter Todo U	Lo	0	L
1848	Mongolian Letter Todo Oe	Lo	0	L
1849	Mongolian Letter Todo Ue	Lo	0	L
184a	Mongolian Letter Todo Ang	Lo	0	L
184b	Mongolian Letter Todo Ba	Lo	0	L
184c	Mongolian Letter Todo Pa	Lo	0	L
184d	Mongolian Letter Todo Qa	Lo	0	L
184e	Mongolian Letter Todo Ga	Lo	0	L
184f	Mongolian Letter Todo Ma	Lo	0	L
1850	Mongolian Letter Todo Ta	Lo	0	L
1851	Mongolian Letter Todo Da	Lo	0	L
1852	Mongolian Letter Todo Cha	Lo	0	L
1853	Mongolian Letter Todo Ja	Lo	0	L
1854	Mongolian Letter Todo Tsa	Lo	0	L
1855	Mongolian Letter Todo Ya	Lo	0	L
1856	Mongolian Letter Todo Wa	Lo	0	L
1857	Mongolian Letter Todo Ka	Lo	0	L
1858	Mongolian Letter Todo Gaa	Lo	0	L
1859	Mongolian Letter Todo Haa	Lo	0	L
185a	Mongolian Letter Todo Jia	Lo	0	L
185b	Mongolian Letter Todo Nia	Lo	0	L
185c	Mongolian Letter Todo Dza	Lo	0	L
185d	Mongolian Letter Sibe E	Lo	0	L
185e	Mongolian Letter Sibe I	Lo	0	L
185f	Mongolian Letter Sibe Iy	Lo	0	L
1860	Mongolian Letter Sibe Ue	Lo	0	L
1861	Mongolian Letter Sibe U	Lo	0	L
1862	Mongolian Letter Sibe Ang	Lo	0	L
1863	Mongolian Letter Sibe Ka	Lo	0	L
1864	Mongolian Letter Sibe Ga	Lo	0	L
1865	Mongolian Letter Sibe Ha	Lo	0	L
1866	Mongolian Letter Sibe Pa	Lo	0	L
1867	Mongolian Letter Sibe Sha	Lo	0	L
1868	Mongolian Letter Sibe Ta	Lo	0	L
1869	Mongolian Letter Sibe Da	Lo	0	L
186a	Mongolian Letter Sibe Ja	Lo	0	L
186b	Mongolian Letter Sibe Fa	Lo	0	L
186c	Mongolian Letter Sibe Gaa	Lo	0	L
186d	Mongolian Letter Sibe Haa	Lo	0	L
186e	Mongolian Letter Sibe Tsa	Lo	0	L
186f	Mongolian Letter Sibe Za	Lo	0	L
1870	Mongolian Letter Sibe Raa	Lo	0	L
1871	Mongolian Letter Sibe Cha	Lo	0	L
1872	Mongolian Letter Sibe Zha	Lo	0	L
1873	Mongolian Letter Manchu I	Lo	0	L
1874	Mongolian Letter Manchu Ka	Lo	0	L
1875	Mongolian Letter Manchu Ra	Lo	0	L
1876	Mongolian Letter Manchu Fa	Lo	0	L
1877	Mongolian Letter Manchu Zha	Lo	0	L
1880	Mongolian Letter Ali Gali Anusvara One	Lo	0	L
1881	Mongolian Letter Ali Gali Visarga One	Lo	0	L
1882	Mongolian Letter Ali Gali Damaru	Lo	0	L
1883	Mongolian Letter Ali Gali Ubadama	Lo	0	L
1884	Mongolian Letter Ali Gali Inverted Ubadama	Lo	0	L
1885	Mongolian Letter Ali Gali Baluda	Lo	0	L
1886	Mongolian Letter Ali Gali Three Baluda	Lo	0	L
1887	Mongolian Letter Ali Gali A	Lo	0	L
1888	Mongolian Letter Ali Gali I	Lo	0	L
1889	Mongolian Letter Ali Gali Ka	Lo	0	L
188a	Mongolian Letter Ali Gali Nga	Lo	0	L
188b	Mongolian Letter Ali Gali Ca	Lo	0	L
188c	Mongolian Letter Ali Gali Tta	Lo	0	L
188d	Mongolian Letter Ali Gali Ttha	Lo	0	L

188e	Mongolian Letter Ali Gali Dda	Lo	0	L
188f	Mongolian Letter Ali Gali Nna	Lo	0	L
1890	Mongolian Letter Ali Gali Ta	Lo	0	L
1891	Mongolian Letter Ali Gali Da	Lo	0	L
1892	Mongolian Letter Ali Gali Pa	Lo	0	L
1893	Mongolian Letter Ali Gali Pha	Lo	0	L
1894	Mongolian Letter Ali Gali Ssa	Lo	0	L
1895	Mongolian Letter Ali Gali Zha	Lo	0	L
1896	Mongolian Letter Ali Gali Za	Lo	0	L
1897	Mongolian Letter Ali Gali Ah	Lo	0	L
1898	Mongolian Letter Todo Ali Gali Ta	Lo	0	L
1899	Mongolian Letter Todo Ali Gali Zha	Lo	0	L
189a	Mongolian Letter Manchu Ali Gali Gha	Lo	0	L
189b	Mongolian Letter Manchu Ali Gali Nga	Lo	0	L
189c	Mongolian Letter Manchu Ali Gali Ca	Lo	0	L
189d	Mongolian Letter Manchu Ali Gali Jha	Lo	0	L
189e	Mongolian Letter Manchu Ali Gali Tta	Lo	0	L
189f	Mongolian Letter Manchu Ali Gali Ddha	Lo	0	L
18a0	Mongolian Letter Manchu Ali Gali Ta	Lo	0	L
18a1	Mongolian Letter Manchu Ali Gali Dha	Lo	0	L
18a2	Mongolian Letter Manchu Ali Gali Ssa	Lo	0	L
18a3	Mongolian Letter Manchu Ali Gali Cya	Lo	0	L
18a4	Mongolian Letter Manchu Ali Gali Zha	Lo	0	L
18a5	Mongolian Letter Manchu Ali Gali Za	Lo	0	L
18a6	Mongolian Letter Ali Gali Half U	Lo	0	L
18a7	Mongolian Letter Ali Gali Half Ya	Lo	0	L
18a8	Mongolian Letter Manchu Ali Gali Bha	Lo	0	L
18a9	Mongolian Letter Ali Gali Dagalga	Mn	228	NSM

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Latin Extended Additional (1E00 to 1EFF)
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Hex	Character	Gen	Cmb	Bid	Map
1e00	Latin Capital Letter A w Ring Below	Lu	0	L	
1e01	Latin Small Letter A w Ring Below	Ll	0	L	
1e02	Latin Capital Letter B w Dot Above	Lu	0	L	
1e03	Latin Small Letter B w Dot Above	Ll	0	L	
1e04	Latin Capital Letter B w Dot Below	Lu	0	L	
1e05	Latin Small Letter B w Dot Below	Ll	0	L	
1e06	Latin Capital Letter B w Line Below	Lu	0	L	
1e07	Latin Small Letter B w Line Below	Ll	0	L	
1e08	Latin Capital Letter C w Cedilla & Acute	Lu	0	L	
1e09	Latin Small Letter C w Cedilla & Acute	Ll	0	L	
1e0a	Latin Capital Letter D w Dot Above	Lu	0	L	
1e0b	Latin Small Letter D w Dot Above	Ll	0	L	
1e0c	Latin Capital Letter D w Dot Below	Lu	0	L	
1e0d	Latin Small Letter D w Dot Below	Ll	0	L	
1e0e	Latin Capital Letter D w Line Below	Lu	0	L	
1e0f	Latin Small Letter D w Line Below	Ll	0	L	
1e10	Latin Capital Letter D w Cedilla	Lu	0	L	
1e11	Latin Small Letter D w Cedilla	Ll	0	L	
1e12	Latin Capital Letter D w Circumflex Below	Lu	0	L	
1e13	Latin Small Letter D w Circumflex Below	Ll	0	L	
1e14	Latin Capital Letter E w Macron & Grave	Lu	0	L	
1e15	Latin Small Letter E w Macron & Grave	Ll	0	L	
1e16	Latin Capital Letter E w Macron & Acute	Lu	0	L	
1e17	Latin Small Letter E w Macron & Acute	Ll	0	L	
1e18	Latin Capital Letter E w Circumflex Below	Lu	0	L	
1e19	Latin Small Letter E w Circumflex Below	Ll	0	L	
1e1a	Latin Capital Letter E w Tilde Below	Lu	0	L	
1e1b	Latin Small Letter E w Tilde Below	Ll	0	L	
1e1c	Latin Capital Letter E w Cedilla & Breve	Lu	0	L	
1e1d	Latin Small Letter E w Cedilla & Breve	Ll	0	L	
1e1e	Latin Capital Letter F w Dot Above	Lu	0	L	
1e1f	Latin Small Letter F w Dot Above	Ll	0	L	
1e20	Latin Capital Letter G w Macron	Lu	0	L	
1e21	Latin Small Letter G w Macron	Ll	0	L	
1e22	Latin Capital Letter H w Dot Above	Lu	0	L	
1e23	Latin Small Letter H w Dot Above	Ll	0	L	
1e24	Latin Capital Letter H w Dot Below	Lu	0	L	
1e25	Latin Small Letter H w Dot Below	Ll	0	L	
1e26	Latin Capital Letter H w Diaeresis	Lu	0	L	
1e27	Latin Small Letter H w Diaeresis	Ll	0	L	
1e28	Latin Capital Letter H w Cedilla	Lu	0	L	
1e29	Latin Small Letter H w Cedilla	Ll	0	L	
1e2a	Latin Capital Letter H w Breve Below	Lu	0	L	
1e2b	Latin Small Letter H w Breve Below	Ll	0	L	
1e2c	Latin Capital Letter I w Tilde Below	Lu	0	L	
1e2d	Latin Small Letter I w Tilde Below	Ll	0	L	
1e2e	Latin Capital Letter I w Diaeresis & Acute	Lu	0	L	
1e2f	Latin Small Letter I w Diaeresis & Acute	Ll	0	L	
1e30	Latin Capital Letter K w Acute	Lu	0	L	
1e31	Latin Small Letter K w Acute	Ll	0	L	
1e32	Latin Capital Letter K w Dot Below	Lu	0	L	
1e33	Latin Small Letter K w Dot Below	Ll	0	L	
1e34	Latin Capital Letter K w Line Below	Lu	0	L	
1e35	Latin Small Letter K w Line Below	Ll	0	L	
1e36	Latin Capital Letter L w Dot Below	Lu	0	L	
1e37	Latin Small Letter L w Dot Below	Ll	0	L	
1e38	Latin Capital Letter L w Dot Below & Macron	Lu	0	L	
1e39	Latin Small Letter L w Dot Below & Macron	Ll	0	L	
1e3a	Latin Capital Letter L w Line Below	Lu	0	L	
1e3b	Latin Small Letter L w Line Below	Ll	0	L	
1e3c	Latin Capital Letter L w Circumflex Below	Lu	0	L	
1e3d	Latin Small Letter L w Circumflex Below	Ll	0	L	
1e3e	Latin Capital Letter M w Acute	Lu	0	L	
1e3f	Latin Small Letter M w Acute	Ll	0	L	
1e40	Latin Capital Letter M w Dot Above	Lu	0	L	

1e41	Latin Small Letter M w Dot Above	Ll 0	L
1e42	Latin Capital Letter M w Dot Below	Lu 0	L
1e43	Latin Small Letter M w Dot Below	Ll 0	L
1e44	Latin Capital Letter N w Dot Above	Lu 0	L
1e45	Latin Small Letter N w Dot Above	Ll 0	L
1e46	Latin Capital Letter N w Dot Below	Lu 0	L
1e47	Latin Small Letter N w Dot Below	Ll 0	L
1e48	Latin Capital Letter N w Line Below	Lu 0	L
1e49	Latin Small Letter N w Line Below	Ll 0	L
1e4a	Latin Capital Letter N w Circumflex Below	Lu 0	L
1e4b	Latin Small Letter N w Circumflex Below	Ll 0	L
1e4c	Latin Capital Letter O w Tilde & Acute	Lu 0	L
1e4d	Latin Small Letter O w Tilde & Acute	Ll 0	L
1e4e	Latin Capital Letter O w Tilde & Diaeresis	Lu 0	L
1e4f	Latin Small Letter O w Tilde & Diaeresis	Ll 0	L
1e50	Latin Capital Letter O w Macron & Grave	Lu 0	L
1e51	Latin Small Letter O w Macron & Grave	Ll 0	L
1e52	Latin Capital Letter O w Macron & Acute	Lu 0	L
1e53	Latin Small Letter O w Macron & Acute	Ll 0	L
1e54	Latin Capital Letter P w Acute	Lu 0	L
1e55	Latin Small Letter P w Acute	Ll 0	L
1e56	Latin Capital Letter P w Dot Above	Lu 0	L
1e57	Latin Small Letter P w Dot Above	Ll 0	L
1e58	Latin Capital Letter R w Dot Above	Lu 0	L
1e59	Latin Small Letter R w Dot Above	Ll 0	L
1e5a	Latin Capital Letter R w Dot Below	Lu 0	L
1e5b	Latin Small Letter R w Dot Below	Ll 0	L
1e5c	Latin Capital Letter R w Dot Below & Macron	Lu 0	L
1e5d	Latin Small Letter R w Dot Below & Macron	Ll 0	L
1e5e	Latin Capital Letter R w Line Below	Lu 0	L
1e5f	Latin Small Letter R w Line Below	Ll 0	L
1e60	Latin Capital Letter S w Dot Above	Lu 0	L
1e61	Latin Small Letter S w Dot Above	Ll 0	L
1e62	Latin Capital Letter S w Dot Below	Lu 0	L
1e63	Latin Small Letter S w Dot Below	Ll 0	L
1e64	Latin Capital Letter S w Acute & Dot Above	Lu 0	L
1e65	Latin Small Letter S w Acute & Dot Above	Ll 0	L
1e66	Latin Capital Letter S w Caron & Dot Above	Lu 0	L
1e67	Latin Small Letter S w Caron & Dot Above	Ll 0	L
1e68	Latin Capital Letter S w Dot Below & Dot Above	Lu 0	L
1e69	Latin Small Letter S w Dot Below & Dot Above	Ll 0	L
1e6a	Latin Capital Letter T w Dot Above	Lu 0	L
1e6b	Latin Small Letter T w Dot Above	Ll 0	L
1e6c	Latin Capital Letter T w Dot Below	Lu 0	L
1e6d	Latin Small Letter T w Dot Below	Ll 0	L
1e6e	Latin Capital Letter T w Line Below	Lu 0	L
1e6f	Latin Small Letter T w Line Below	Ll 0	L
1e70	Latin Capital Letter T w Circumflex Below	Lu 0	L
1e71	Latin Small Letter T w Circumflex Below	Ll 0	L
1e72	Latin Capital Letter U w Diaeresis Below	Lu 0	L
1e73	Latin Small Letter U w Diaeresis Below	Ll 0	L
1e74	Latin Capital Letter U w Tilde Below	Lu 0	L
1e75	Latin Small Letter U w Tilde Below	Ll 0	L
1e76	Latin Capital Letter U w Circumflex Below	Lu 0	L
1e77	Latin Small Letter U w Circumflex Below	Ll 0	L
1e78	Latin Capital Letter U w Tilde & Acute	Lu 0	L
1e79	Latin Small Letter U w Tilde & Acute	Ll 0	L
1e7a	Latin Capital Letter U w Macron & Diaeresis	Lu 0	L
1e7b	Latin Small Letter U w Macron & Diaeresis	Ll 0	L
1e7c	Latin Capital Letter V w Tilde	Lu 0	L
1e7d	Latin Small Letter V w Tilde	Ll 0	L
1e7e	Latin Capital Letter V w Dot Below	Lu 0	L
1e7f	Latin Small Letter V w Dot Below	Ll 0	L
1e80	Latin Capital Letter w W Grave	Lu 0	L
1e81	Latin Small Letter w W Grave	Ll 0	L
1e82	Latin Capital Letter w W Acute	Lu 0	L
1e83	Latin Small Letter w W Acute	Ll 0	L
1e84	Latin Capital Letter w W Diaeresis	Lu 0	L
1e85	Latin Small Letter w W Diaeresis	Ll 0	L
1e86	Latin Capital Letter w W Dot Above	Lu 0	L
1e87	Latin Small Letter w W Dot Above	Ll 0	L
1e88	Latin Capital Letter w W Dot Below	Lu 0	L
1e89	Latin Small Letter w W Dot Below	Ll 0	L
1e8a	Latin Capital Letter X w Dot Above	Lu 0	L
1e8b	Latin Small Letter X w Dot Above	Ll 0	L
1e8c	Latin Capital Letter X w Diaeresis	Lu 0	L
1e8d	Latin Small Letter X w Diaeresis	Ll 0	L
1e8e	Latin Capital Letter Y w Dot Above	Lu 0	L
1e8f	Latin Small Letter Y w Dot Above	Ll 0	L
1e90	Latin Capital Letter Z w Circumflex	Lu 0	L
1e91	Latin Small Letter Z w Circumflex	Ll 0	L
1e92	Latin Capital Letter Z w Dot Below	Lu 0	L
1e93	Latin Small Letter Z w Dot Below	Ll 0	L
1e94	Latin Capital Letter Z w Line Below	Lu 0	L
1e95	Latin Small Letter Z w Line Below	Ll 0	L
1e96	Latin Small Letter H w Line Below	Ll 0	L
1e97	Latin Small Letter T w Diaeresis	Ll 0	L
1e98	Latin Small Letter w W Ring Above	Ll 0	L
1e99	Latin Small Letter Y w Ring Above	Ll 0	L
1e9a	Latin Small Letter A w R Half Ring	Ll 0	L
1e9b	Latin Small Letter Long S w Dot Above	Ll 0	L
1ea0	Latin Capital Letter A w Dot Below	Lu 0	L
1ea1	Latin Small Letter A w Dot Below	Ll 0	L
1ea2	Latin Capital Letter A w Hook Above	Lu 0	L
1ea3	Latin Small Letter A w Hook Above	Ll 0	L
1ea4	Latin Capital Letter A w Circumflex & Acute	Lu 0	L
1ea5	Latin Small Letter A w Circumflex & Acute	Ll 0	L
1ea6	Latin Capital Letter A w Circumflex & Grave	Lu 0	L
1ea7	Latin Small Letter A w Circumflex & Grave	Ll 0	L

1ea8	Latin Capital Letter A w Circumflex & Hook Above	Lu	0	L
1ea9	Latin Small Letter A w Circumflex & Hook Above	Ll	0	L
1eaa	Latin Capital Letter A w Circumflex & Tilde	Lu	0	L
1eab	Latin Small Letter A w Circumflex & Tilde	Ll	0	L
1eac	Latin Capital Letter A w Circumflex & Dot Below	Lu	0	L
1ead	Latin Small Letter A w Circumflex & Dot Below	Ll	0	L
1eae	Latin Capital Letter A w Breve & Acute	Lu	0	L
1eaf	Latin Small Letter A w Breve & Acute	Ll	0	L
1eb0	Latin Capital Letter A w Breve & Grave	Lu	0	L
1eb1	Latin Small Letter A w Breve & Grave	Ll	0	L
1eb2	Latin Capital Letter A w Breve & Hook Above	Lu	0	L
1eb3	Latin Small Letter A w Breve & Hook Above	Ll	0	L
1eb4	Latin Capital Letter A w Breve & Tilde	Lu	0	L
1eb5	Latin Small Letter A w Breve & Tilde	Ll	0	L
1eb6	Latin Capital Letter A w Breve & Dot Below	Lu	0	L
1eb7	Latin Small Letter A w Breve & Dot Below	Ll	0	L
1eb8	Latin Capital Letter E w Dot Below	Lu	0	L
1eb9	Latin Small Letter E w Dot Below	Ll	0	L
1eba	Latin Capital Letter E w Hook Above	Lu	0	L
1ebb	Latin Small Letter E w Hook Above	Ll	0	L
1ebc	Latin Capital Letter E w Tilde	Lu	0	L
1ebd	Latin Small Letter E w Tilde	Ll	0	L
1ebe	Latin Capital Letter E w Circumflex & Acute	Lu	0	L
1ebf	Latin Small Letter E w Circumflex & Acute	Ll	0	L
1ec0	Latin Capital Letter E w Circumflex & Grave	Lu	0	L
1ec1	Latin Small Letter E w Circumflex & Grave	Ll	0	L
1ec2	Latin Capital Letter E w Circumflex & Hook Above	Lu	0	L
1ec3	Latin Small Letter E w Circumflex & Hook Above	Ll	0	L
1ec4	Latin Capital Letter E w Circumflex & Tilde	Lu	0	L
1ec5	Latin Small Letter E w Circumflex & Tilde	Ll	0	L
1ec6	Latin Capital Letter E w Circumflex & Dot Below	Lu	0	L
1ec7	Latin Small Letter E w Circumflex & Dot Below	Ll	0	L
1ec8	Latin Capital Letter I w Hook Above	Lu	0	L
1ec9	Latin Small Letter I w Hook Above	Ll	0	L
1eca	Latin Capital Letter I w Dot Below	Lu	0	L
1ecb	Latin Small Letter I w Dot Below	Ll	0	L
1ecc	Latin Capital Letter O w Dot Below	Lu	0	L
1ecd	Latin Small Letter O w Dot Below	Ll	0	L
1ece	Latin Capital Letter O w Hook Above	Lu	0	L
1ecf	Latin Small Letter O w Hook Above	Ll	0	L
1ed0	Latin Capital Letter O w Circumflex & Acute	Lu	0	L
1ed1	Latin Small Letter O w Circumflex & Acute	Ll	0	L
1ed2	Latin Capital Letter O w Circumflex & Grave	Lu	0	L
1ed3	Latin Small Letter O w Circumflex & Grave	Ll	0	L
1ed4	Latin Capital Letter O w Circumflex & Hook Above	Lu	0	L
1ed5	Latin Small Letter O w Circumflex & Hook Above	Ll	0	L
1ed6	Latin Capital Letter O w Circumflex & Tilde	Lu	0	L
1ed7	Latin Small Letter O w Circumflex & Tilde	Ll	0	L
1ed8	Latin Capital Letter O w Circumflex & Dot Below	Lu	0	L
1ed9	Latin Small Letter O w Circumflex & Dot Below	Ll	0	L
1eda	Latin Capital Letter O w Horn & Acute	Lu	0	L
1edb	Latin Small Letter O w Horn & Acute	Ll	0	L
1edc	Latin Capital Letter O w Horn & Grave	Lu	0	L
1edd	Latin Small Letter O w Horn & Grave	Ll	0	L
1ede	Latin Capital Letter O w Horn & Hook Above	Lu	0	L
1edf	Latin Small Letter O w Horn & Hook Above	Ll	0	L
1ee0	Latin Capital Letter O w Horn & Tilde	Lu	0	L
1ee1	Latin Small Letter O w Horn & Tilde	Ll	0	L
1ee2	Latin Capital Letter O w Horn & Dot Below	Lu	0	L
1ee3	Latin Small Letter O w Horn & Dot Below	Ll	0	L
1ee4	Latin Capital Letter U w Dot Below	Lu	0	L
1ee5	Latin Small Letter U w Dot Below	Ll	0	L
1ee6	Latin Capital Letter U w Hook Above	Lu	0	L
1ee7	Latin Small Letter U w Hook Above	Ll	0	L
1ee8	Latin Capital Letter U w Horn & Acute	Lu	0	L
1ee9	Latin Small Letter U w Horn & Acute	Ll	0	L
1eea	Latin Capital Letter U w Horn & Grave	Lu	0	L
1eeb	Latin Small Letter U w Horn & Grave	Ll	0	L
1eec	Latin Capital Letter U w Horn & Hook Above	Lu	0	L
1eed	Latin Small Letter U w Horn & Hook Above	Ll	0	L
1eee	Latin Capital Letter U w Horn & Tilde	Lu	0	L
1eef	Latin Small Letter U w Horn & Tilde	Ll	0	L
1ef0	Latin Capital Letter U w Horn & Dot Below	Lu	0	L
1ef1	Latin Small Letter U w Horn & Dot Below	Ll	0	L
1ef2	Latin Capital Letter Y w Grave	Lu	0	L
1ef3	Latin Small Letter Y w Grave	Ll	0	L
1ef4	Latin Capital Letter Y w Dot Below	Lu	0	L
1ef5	Latin Small Letter Y w Dot Below	Ll	0	L
1ef6	Latin Capital Letter Y w Hook Above	Lu	0	L
1ef7	Latin Small Letter Y w Hook Above	Ll	0	L
1ef8	Latin Capital Letter Y w Tilde	Lu	0	L
1ef9	Latin Small Letter Y w Tilde	Ll	0	L

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Greek Extended (1F00 to 1FFF)
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G/ = Greek Pr = Prosgegrammeni Yp = Ypogegrammeni

Hex	Character	Gen	Cmb	Bid	Map
1f00	G/Small Letter Alpha w Psili	Ll	0	L	
1f01	G/Small Letter Alpha w Dasia	Ll	0	L	

1f02	G/Small Letter Alpha w Psili & Varia	Ll	0	L
1f03	G/Small Letter Alpha w Dasia & Varia	Ll	0	L
1f04	G/Small Letter Alpha w Psili & Oxia	Ll	0	L
1f05	G/Small Letter Alpha w Dasia & Oxia	Ll	0	L
1f06	G/Small Letter Alpha w Psili & Perispomeni	Ll	0	L
1f07	G/Small Letter Alpha w Dasia & Perispomeni	Ll	0	L
1f08	G/Capital Letter Alpha w Psili	Lu	0	L
1f09	G/Capital Letter Alpha w Dasia	Lu	0	L
1f0a	G/Capital Letter Alpha w Psili & Varia	Lu	0	L
1f0b	G/Capital Letter Alpha w Dasia & Varia	Lu	0	L
1f0c	G/Capital Letter Alpha w Psili & Oxia	Lu	0	L
1f0d	G/Capital Letter Alpha w Dasia & Oxia	Lu	0	L
1f0e	G/Capital Letter Alpha w Psili & Perispomeni	Lu	0	L
1f0f	G/Capital Letter Alpha w Dasia & Perispomeni	Lu	0	L
1f10	G/Small Letter Epsilon w Psili	Ll	0	L
1f11	G/Small Letter Epsilon w Dasia	Ll	0	L
1f12	G/Small Letter Epsilon w Psili & Varia	Ll	0	L
1f13	G/Small Letter Epsilon w Dasia & Varia	Ll	0	L
1f14	G/Small Letter Epsilon w Psili & Oxia	Ll	0	L
1f15	G/Small Letter Epsilon w Dasia & Oxia	Ll	0	L
1f18	G/Capital Letter Epsilon w Psili	Lu	0	L
1f19	G/Capital Letter Epsilon w Dasia	Lu	0	L
1f1a	G/Capital Letter Epsilon w Psili & Varia	Lu	0	L
1f1b	G/Capital Letter Epsilon w Dasia & Varia	Lu	0	L
1f1c	G/Capital Letter Epsilon w Psili & Oxia	Lu	0	L
1f1d	G/Capital Letter Epsilon w Dasia & Oxia	Lu	0	L
1f20	G/Small Letter Eta w Psili	Ll	0	L
1f21	G/Small Letter Eta w Dasia	Ll	0	L
1f22	G/Small Letter Eta w Psili & Varia	Ll	0	L
1f23	G/Small Letter Eta w Dasia & Varia	Ll	0	L
1f24	G/Small Letter Eta w Psili & Oxia	Ll	0	L
1f25	G/Small Letter Eta w Dasia & Oxia	Ll	0	L
1f26	G/Small Letter Eta w Psili & Perispomeni	Ll	0	L
1f27	G/Small Letter Eta w Dasia & Perispomeni	Ll	0	L
1f28	G/Capital Letter Eta w Psili	Lu	0	L
1f29	G/Capital Letter Eta w Dasia	Lu	0	L
1f2a	G/Capital Letter Eta w Psili & Varia	Lu	0	L
1f2b	G/Capital Letter Eta w Dasia & Varia	Lu	0	L
1f2c	G/Capital Letter Eta w Psili & Oxia	Lu	0	L
1f2d	G/Capital Letter Eta w Dasia & Oxia	Lu	0	L
1f2e	G/Capital Letter Eta w Psili & Perispomeni	Lu	0	L
1f2f	G/Capital Letter Eta w Dasia & Perispomeni	Lu	0	L
1f30	G/Small Letter Iota w Psili	Ll	0	L
1f31	G/Small Letter Iota w Dasia	Ll	0	L
1f32	G/Small Letter Iota w Psili & Varia	Ll	0	L
1f33	G/Small Letter Iota w Dasia & Varia	Ll	0	L
1f34	G/Small Letter Iota w Psili & Oxia	Ll	0	L
1f35	G/Small Letter Iota w Dasia & Oxia	Ll	0	L
1f36	G/Small Letter Iota w Psili & Perispomeni	Ll	0	L
1f37	G/Small Letter Iota w Dasia & Perispomeni	Ll	0	L
1f38	G/Capital Letter Iota w Psili	Lu	0	L
1f39	G/Capital Letter Iota w Dasia	Lu	0	L
1f3a	G/Capital Letter Iota w Psili & Varia	Lu	0	L
1f3b	G/Capital Letter Iota w Dasia & Varia	Lu	0	L
1f3c	G/Capital Letter Iota w Psili & Oxia	Lu	0	L
1f3d	G/Capital Letter Iota w Dasia & Oxia	Lu	0	L
1f3e	G/Capital Letter Iota w Psili & Perispomeni	Lu	0	L
1f3f	G/Capital Letter Iota w Dasia & Perispomeni	Lu	0	L
1f40	G/Small Letter Omicron w Psili	Ll	0	L
1f41	G/Small Letter Omicron w Dasia	Ll	0	L
1f42	G/Small Letter Omicron w Psili & Varia	Ll	0	L
1f43	G/Small Letter Omicron w Dasia & Varia	Ll	0	L
1f44	G/Small Letter Omicron w Psili & Oxia	Ll	0	L
1f45	G/Small Letter Omicron w Dasia & Oxia	Ll	0	L
1f48	G/Capital Letter Omicron w Psili	Lu	0	L
1f49	G/Capital Letter Omicron w Dasia	Lu	0	L
1f4a	G/Capital Letter Omicron w Psili & Varia	Lu	0	L
1f4b	G/Capital Letter Omicron w Dasia & Varia	Lu	0	L
1f4c	G/Capital Letter Omicron w Psili & Oxia	Lu	0	L
1f4d	G/Capital Letter Omicron w Dasia & Oxia	Lu	0	L
1f50	G/Small Letter Upsilon w Psili	Ll	0	L
1f51	G/Small Letter Upsilon w Dasia	Ll	0	L
1f52	G/Small Letter Upsilon w Psili & Varia	Ll	0	L
1f53	G/Small Letter Upsilon w Dasia & Varia	Ll	0	L
1f54	G/Small Letter Upsilon w Psili & Oxia	Ll	0	L
1f55	G/Small Letter Upsilon w Dasia & Oxia	Ll	0	L
1f56	G/Small Letter Upsilon w Psili & Perispomeni	Ll	0	L
1f57	G/Small Letter Upsilon w Dasia & Perispomeni	Ll	0	L
1f59	G/Capital Letter Upsilon w Dasia	Lu	0	L
1f5b	G/Capital Letter Upsilon w Dasia & Varia	Lu	0	L
1f5d	G/Capital Letter Upsilon w Dasia & Oxia	Lu	0	L
1f5f	G/Capital Letter Upsilon w Dasia & Perispomeni	Lu	0	L
1f60	G/Small Letter Omega w Psili	Ll	0	L
1f61	G/Small Letter Omega w Dasia	Ll	0	L
1f62	G/Small Letter Omega w Psili & Varia	Ll	0	L
1f63	G/Small Letter Omega w Dasia & Varia	Ll	0	L
1f64	G/Small Letter Omega w Psili & Oxia	Ll	0	L
1f65	G/Small Letter Omega w Dasia & Oxia	Ll	0	L
1f66	G/Small Letter Omega w Psili & Perispomeni	Ll	0	L
1f67	G/Small Letter Omega w Dasia & Perispomeni	Ll	0	L

1f68	G/Capital Letter Omega w Psili	Lu	0	L
1f69	G/Capital Letter Omega w Dasia	Lu	0	L
1f6a	G/Capital Letter Omega w Psili & Varia	Lu	0	L
1f6b	G/Capital Letter Omega w Dasia & Varia	Lu	0	L
1f6c	G/Capital Letter Omega w Psili & Oxia	Lu	0	L
1f6d	G/Capital Letter Omega w Dasia & Oxia	Lu	0	L
1f6e	G/Capital Letter Omega w Psili & Perispomeni	Lu	0	L
1f6f	G/Capital Letter Omega w Dasia & Perispomeni	Lu	0	L
1f70	G/Small Letter Alpha w Varia	Ll	0	L
1f71	G/Small Letter Alpha w Oxia	Ll	0	L
1f72	G/Small Letter Epsilon w Varia	Ll	0	L
1f73	G/Small Letter Epsilon w Oxia	Ll	0	L
1f74	G/Small Letter Eta w Varia	Ll	0	L
1f75	G/Small Letter Eta w Oxia	Ll	0	L
1f76	G/Small Letter Iota w Varia	Ll	0	L
1f77	G/Small Letter Iota w Oxia	Ll	0	L
1f78	G/Small Letter Omicron w Varia	Ll	0	L
1f79	G/Small Letter Omicron w Oxia	Ll	0	L
1f7a	G/Small Letter Upsilon w Varia	Ll	0	L
1f7b	G/Small Letter Upsilon w Oxia	Ll	0	L
1f7c	G/Small Letter Omega w Varia	Ll	0	L
1f7d	G/Small Letter Omega w Oxia	Ll	0	L
1f80	G/Small Letter Alpha w Psili & Yp	Ll	0	L
1f81	G/Small Letter Alpha w Dasia & Yp	Ll	0	L
1f82	G/Small Letter Alpha w Psili & Varia & Yp	Ll	0	L
1f83	G/Small Letter Alpha w Dasia & Varia & Yp	Ll	0	L
1f84	G/Small Letter Alpha w Psili & Oxia & Yp	Ll	0	L
1f85	G/Small Letter Alpha w Dasia & Oxia & Yp	Ll	0	L
1f86	G/Small Letter Alpha w Psili & Perispomeni & Yp	Ll	0	L
1f87	G/Small Letter Alpha w Dasia & Perispomeni & Yp	Ll	0	L
1f88	G/Capital Letter Alpha w Psili & Pr	Lt	0	L
1f89	G/Capital Letter Alpha w Dasia & Pr	Lt	0	L
1f8a	G/Capital Letter Alpha w Psili & Varia & Pr	Lt	0	L
1f8b	G/Capital Letter Alpha w Dasia & Varia & Pr	Lt	0	L
1f8c	G/Capital Letter Alpha w Psili & Oxia & Pr	Lt	0	L
1f8d	G/Capital Letter Alpha w Dasia & Oxia & Pr	Lt	0	L
1f8e	G/Capital Letter Alpha w Psili & Perispomeni & Pr	Lt	0	L
1f8f	G/Capital Letter Alpha w Dasia & Perispomeni & Pr	Lt	0	L
1f90	G/Small Letter Eta w Psili & Yp	Ll	0	L
1f91	G/Small Letter Eta w Dasia & Yp	Ll	0	L
1f92	G/Small Letter Eta w Psili & Varia & Yp	Ll	0	L
1f93	G/Small Letter Eta w Dasia & Varia & Yp	Ll	0	L
1f94	G/Small Letter Eta w Psili & Oxia & Yp	Ll	0	L
1f95	G/Small Letter Eta w Dasia & Oxia & Yp	Ll	0	L
1f96	G/Small Letter Eta w Psili & Perispomeni & Yp	Ll	0	L
1f97	G/Small Letter Eta w Dasia & Perispomeni & Yp	Ll	0	L
1f98	G/Capital Letter Eta w Psili & Pr	Lt	0	L
1f99	G/Capital Letter Eta w Dasia & Pr	Lt	0	L
1f9a	G/Capital Letter Eta w Psili & Varia & Pr	Lt	0	L
1f9b	G/Capital Letter Eta w Dasia & Varia & Pr	Lt	0	L
1f9c	G/Capital Letter Eta w Psili & Oxia & Pr	Lt	0	L
1f9d	G/Capital Letter Eta w Dasia & Oxia & Pr	Lt	0	L
1f9e	G/Capital Letter Eta w Psili & Perispomeni & Pr	Lt	0	L
1f9f	G/Capital Letter Eta w Dasia & Perispomeni & Pr	Lt	0	L
1fa0	G/Small Letter Omega w Psili & Yp	Ll	0	L
1fa1	G/Small Letter Omega w Dasia & Yp	Ll	0	L
1fa2	G/Small Letter Omega w Psili & Varia & Yp	Ll	0	L
1fa3	G/Small Letter Omega w Dasia & Varia & Yp	Ll	0	L
1fa4	G/Small Letter Omega w Psili & Oxia & Yp	Ll	0	L
1fa5	G/Small Letter Omega w Dasia & Oxia & Yp	Ll	0	L
1fa6	G/Small Letter Omega w Psili & Perispomeni & Yp	Ll	0	L
1fa7	G/Small Letter Omega w Dasia & Perispomeni & Yp	Ll	0	L
1fa8	G/Capital Letter Omega w Psili & Pr	Lt	0	L
1fa9	G/Capital Letter Omega w Dasia & Pr	Lt	0	L
1faa	G/Capital Letter Omega w Psili & Varia & Pr	Lt	0	L
1fab	G/Capital Letter Omega w Dasia & Varia & Pr	Lt	0	L
1fac	G/Capital Letter Omega w Psili & Oxia & Pr	Lt	0	L
1fad	G/Capital Letter Omega w Dasia & Oxia & Pr	Lt	0	L
1fae	G/Capital Letter Omega w Psili & Perispomeni & Pr	Lt	0	L
1faf	G/Capital Letter Omega w Dasia & Perispomeni & Pr	Lt	0	L
1fb0	G/Small Letter Alpha w Vrachy	Ll	0	L
1fb1	G/Small Letter Alpha w Macron	Ll	0	L
1fb2	G/Small Letter Alpha w Varia & Yp	Ll	0	L
1fb3	G/Small Letter Alpha w Yp	Ll	0	L
1fb4	G/Small Letter Alpha w Oxia & Yp	Ll	0	L
1fb6	G/Small Letter Alpha w Perispomeni	Ll	0	L
1fb7	G/Small Letter Alpha w Perispomeni & Yp	Ll	0	L
1fb8	G/Capital Letter Alpha w Vrachy	Lu	0	L
1fb9	G/Capital Letter Alpha w Macron	Lu	0	L
1fba	G/Capital Letter Alpha w Varia	Lu	0	L
1fbb	G/Capital Letter Alpha w Oxia	Lu	0	L
1fbc	G/Capital Letter Alpha w Pr	Lt	0	L
1fbd	G/Koronis	Sk	0	ON C
1fbe	G/Pr	Ll	0	L
1fbf	G/Psili	Sk	0	ON C
1fc0	G/Perispomeni	Sk	0	ON C
1fc1	G/Dialytika & Perispomeni	Sk	0	ON
1fc2	G/Small Letter Eta w Varia & Yp	Ll	0	L
1fc3	G/Small Letter Eta w Yp	Ll	0	L
1fc4	G/Small Letter Eta w Oxia & Yp	Ll	0	L
1fc6	G/Small Letter Eta w Perispomeni	Ll	0	L
1fc7	G/Small Letter Eta w Perispomeni & Yp	Ll	0	L

1fc8	G/Capital Letter Epsilon w Varia	Lu	0	L	
1fc9	G/Capital Letter Epsilon w Oxia	Lu	0	L	
1fca	G/Capital Letter Eta w Varia	Lu	0	L	
1fcb	G/Capital Letter Eta w Oxia	Lu	0	L	
1fcc	G/Capital Letter Eta w Pr	Lt	0	L	
1fcd	G/Psili & Varia	Sk	0	ON	
1fce	G/Psili & Oxia	Sk	0	ON	
1fcf	G/Psili & Perispomeni	Sk	0	ON	
1fd0	G/Small Letter Iota w Vrachy	Ll	0	L	
1fd1	G/Small Letter Iota w Macron	Ll	0	L	
1fd2	G/Small Letter Iota w Dialytika & Varia	Ll	0	L	
1fd3	G/Small Letter Iota w Dialytika & Oxia	Ll	0	L	
1fd6	G/Small Letter Iota w Perispomeni	Ll	0	L	
1fd7	G/Small Letter Iota w Dialytika & Perispomeni	Ll	0	L	
1fd8	G/Capital Letter Iota w Vrachy	Lu	0	L	
1fd9	G/Capital Letter Iota w Macron	Lu	0	L	
1fda	G/Capital Letter Iota w Varia	Lu	0	L	
1fdb	G/Capital Letter Iota w Oxia	Lu	0	L	
1fdd	G/Dasia & Varia	Sk	0	ON	
1fde	G/Dasia & Oxia	Sk	0	ON	
1fdf	G/Dasia & Perispomeni	Sk	0	ON	
1fe0	G/Small Letter Upsilon w Vrachy	Ll	0	L	
1fe1	G/Small Letter Upsilon w Macron	Ll	0	L	
1fe2	G/Small Letter Upsilon w Dialytika & Varia	Ll	0	L	
1fe3	G/Small Letter Upsilon w Dialytika & Oxia	Ll	0	L	
1fe4	G/Small Letter Rho w Psili	Ll	0	L	
1fe5	G/Small Letter Rho w Dasia	Ll	0	L	
1fe6	G/Small Letter Upsilon w Perispomeni	Ll	0	L	
1fe7	G/Small Letter Upsilon w Dialytika & Perispomeni	Ll	0	L	
1fe8	G/Capital Letter Upsilon w Vrachy	Lu	0	L	
1fe9	G/Capital Letter Upsilon w Macron	Lu	0	L	
1fea	G/Capital Letter Upsilon w Varia	Lu	0	L	
1feb	G/Capital Letter Upsilon w Oxia	Lu	0	L	
1fec	G/Capital Letter Rho w Dasia	Lu	0	L	
1fed	G/Dialytika & Varia	Sk	0	ON	
1fee	G/Dialytika & Oxia	Sk	0	ON	
1fef	G/Varia	Sk	0	ON	
1ff2	G/Small Letter Omega w Varia & Yp	Ll	0	L	
1ff3	G/Small Letter Omega w Yp	Ll	0	L	
1ff4	G/Small Letter Omega w Oxia & Yp	Ll	0	L	
1ff6	G/Small Letter Omega w Perispomeni	Ll	0	L	
1ff7	G/Small Letter Omega w Perispomeni & Yp	Ll	0	L	
1ff8	G/Capital Letter Omicron w Varia	Lu	0	L	
1ff9	G/Capital Letter Omicron w Oxia	Lu	0	L	
1ffa	G/Capital Letter Omega w Varia	Lu	0	L	
1ffb	G/Capital Letter Omega w Oxia	Lu	0	L	
1ffc	G/Capital Letter Omega w Pr	Lt	0	L	
1ffd	G/Oxia	Sk	0	ON	
1ffe	G/Dasia	Sk	0	ON	C

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General Punctuation (2000 to 206F)
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Hex	Character	Gen	Cmb	Bid	Map
2000	En Quad	Zs	0	WS	
2001	Em Quad	Zs	0	WS	
2002	En Space	Zs	0	WS	C
2003	Em Space	Zs	0	WS	C
2004	Three-Per-Em Space	Zs	0	WS	C
2005	Four-Per-Em Space	Zs	0	WS	C
2006	Six-Per-Em Space	Zs	0	WS	C
2007	Figure Space	Zs	0	WS	NB
2008	Punctuation Space	Zs	0	WS	C
2009	Thin Space	Zs	0	WS	C
200a	Hair Space	Zs	0	WS	C
200b	Zero Width Space	Zs	0	BN	
200c	Zero Width Non-Joiner	Cf	0	BN	
200d	Zero Width Joiner	Cf	0	BN	
200e	Left-To-Right Mark	Cf	0	L	
200f	Right-To-Left Mark	Cf	0	R	
2010	Hyphen	Pd	0	ON	
2011	Non-Breaking Hyphen	Pd	0	ON	NB
2012	Figure Dash	Pd	0	ON	
2013	En Dash	Pd	0	ON	
2014	Em Dash	Pd	0	ON	
2015	Horiz Bar	Pd	0	ON	
2016	Double Vert Line	Po	0	ON	
2017	Double Low Line	Po	0	ON	C
2018	L Single Quotation Mark	Pi	0	ON	
2019	R Single Quotation Mark	Pf	0	ON	
201a	Single Low-9 Quotation Mark	Ps	0	ON	
201b	Single High-Reversed-9 Quotation Mark	Pi	0	ON	
201c	L Double Quotation Mark	Pi	0	ON	
201d	R Double Quotation Mark	Pf	0	ON	
201e	Double Low-9 Quotation Mark	Ps	0	ON	
201f	Double High-Reversed-9 Quotation Mark	Pi	0	ON	
2020	Dagger	Po	0	ON	
2021	Double Dagger	Po	0	ON	
2022	Bullet	Po	0	ON	
2023	Triangular Bullet	Po	0	ON	
2024	One Dot Leader	Po	0	ON	C
2025	Two Dot Leader	Po	0	ON	C
2026	Horiz Ellipsis	Po	0	ON	C
2027	Hyphenation Point	Po	0	ON	
2028	Line Separator	Zl	0	WS	
2029	Paragraph Separator	Zp	0	B	
202a	Left-To-Right Embedding	Cf	0	LRE	

202b	Right-To-Left Embedding	Cf	0	RLE	
202c	Pop Directional Formatting	Cf	0	PDF	
202d	Left-To-Right Override	Cf	0	LRO	
202e	Right-To-Left Override	Cf	0	RLO	
202f	Narrow No-Break Space	Zs	0	Ws	NB
2030	Per Mille Sign	Po	0	ET	
2031	Per Ten Thousand Sign	Po	0	ET	
2032	Prime	Po	0	ET	
2033	Double Prime	Po	0	ET	C
2034	Triple Prime	Po	0	ET	C
2035	Reversed Prime	Po	0	ON	
2036	Reversed Double Prime	Po	0	ON	
2037	Reversed Triple Prime	Po	0	ON	
2038	Caret	Po	0	ON	
2039	Single Left-Pointing Angle Quotation Mark	Pi	0	ON	
203a	Single Right-Pointing Angle Quotation Mark	Pf	0	ON	
203b	Reference Mark	Po	0	ON	
203c	Double Exclamation Mark	Po	0	ON	C
203d	Interrobang	Po	0	ON	
203e	Overline	Po	0	ON	C
203f	Undertie	Pc	0	ON	
2040	Character Tie	Pc	0	ON	
2041	Caret Insertion Point	Po	0	ON	
2042	Asterism	Po	0	ON	
2043	Hyphen Bullet	Po	0	ON	
2044	Fraction Slash	Sm	0	ON	
2045	L Square Bracket w Quill	Ps	0	ON	
2046	R Square Bracket w Quill	Pe	0	ON	
2047	Double Question Mark	Po	0	ON	C
2048	Question Exclamation Mark	Po	0	ON	C
2049	Exclamation Question Mark	Po	0	ON	C
204a	Tironian Sign Et	Po	0	ON	
204b	Reversed Pilcrow Sign	Po	0	ON	
204c	Black Leftwards Bullet	Po	0	ON	
204d	Black R Bullet	Po	0	ON	
204e	Low Asterisk	Po	0	ON	
204f	Reversed Semicolon	Po	0	ON	
2050	Close Up	Po	0	ON	
2051	Two Asterisks Aligned Vertically	Po	0	ON	
2052	Commercial Minus Sign	Sm	0	ON	
2057	Quadruple Prime	Po	0	ON	
205f	Medium Space	Zs	0	WS	C
2060	Word Joiner	Cf	0	BN	
2061	Function Application	Cf	0	BN	
2062	Invisible Times	Cf	0	BN	
2063	Invisible Separator	Cf	0	BN	
206a	Inhibit Symmetric Swapping	Cf	0	BN	
206b	Activate Symmetric Swapping	Cf	0	BN	
206c	Inhibit Arabic Form Shaping	Cf	0	BN	
206d	Activate Arabic Form Shaping	Cf	0	BN	
206e	National Digit Shapes	Cf	0	BN	
206f	Nominal Digit Shapes	Cf	0	BN	

=====
Superscripts and Subscripts (2070 to 209F)
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Hex	Character	Gen	Cmb	Bid	Map
2070	Superscript Zero	No	0	EN	+
2071	Superscript Latin Small Letter I	Ll	0	L	+
2074	Superscript Four	No	0	EN	+
2075	Superscript Five	No	0	EN	+
2076	Superscript Six	No	0	EN	+
2077	Superscript Seven	No	0	EN	+
2078	Superscript Eight	No	0	EN	+
2079	Superscript Nine	No	0	EN	+
207a	Superscript Plus Sign	Sm	0	ET	+
207b	Superscript Minus	Sm	0	ET	+
207c	Superscript = Sign	Sm	0	ON	+
207d	Superscript L Parenthesis	Ps	0	ON	+
207e	Superscript R Parenthesis	Pe	0	ON	+
207f	Superscript Latin Small Letter N	Ll	0	L	+
2080	Subscript Zero	No	0	EN	-
2081	Subscript One	No	0	EN	-
2082	Subscript Two	No	0	EN	-
2083	Subscript Three	No	0	EN	-
2084	Subscript Four	No	0	EN	-
2085	Subscript Five	No	0	EN	-
2086	Subscript Six	No	0	EN	-
2087	Subscript Seven	No	0	EN	-
2088	Subscript Eight	No	0	EN	-
2089	Subscript Nine	No	0	EN	-
208a	Subscript Plus Sign	Sm	0	ET	-
208b	Subscript Minus	Sm	0	ET	-
208c	Subscript = Sign	Sm	0	ON	-
208d	Subscript L Parenthesis	Ps	0	ON	-
208e	Subscript R Parenthesis	Pe	0	ON	-

=====
Currency Symbols (20A0 to 20CF)
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Hex	Character	Gen	Cmb	Bid	Map
20a0	Euro-Currency Sign	Sc	0	ET	
20a1	Colon Sign	Sc	0	ET	
20a2	Cruzeiro Sign	Sc	0	ET	
20a3	French Franc Sign	Sc	0	ET	
20a4	Lira Sign	Sc	0	ET	
20a5	Mill Sign	Sc	0	ET	
20a6	Naira Sign	Sc	0	ET	

20a7	Peseta Sign	Sc	0	ET	
20a8	Rupee Sign	Sc	0	ET	C
20a9	Won Sign	Sc	0	ET	
20aa	New Sheqel Sign	Sc	0	ET	
20ab	Dong Sign	Sc	0	ET	
20ac	Euro Sign	Sc	0	ET	
20ad	Kip Sign	Sc	0	ET	
20ae	Tugrik Sign	Sc	0	ET	
20af	Drachma Sign	Sc	0	ET	
20b0	German Penny Sign	Sc	0	ET	
20b1	Peso Sign	Sc	0	ET	

=====
Combining Diacritical Marks for Symbols (20D0 to 20FF)
=====

Hex	Character	Gen	Cmb	Bid	Map
20d0	Combining L Harpoon Above	Mn	230	NSM	
20d1	Combining R Harpoon Above	Mn	230	NSM	
20d2	Combining Long Vert Line Overlay	Mn	1	NSM	
20d3	Combining Short Vert Line Overlay	Mn	1	NSM	
20d4	Combining Anticlockwise Arrow Above	Mn	230	NSM	
20d5	Combining Clockwise Arrow Above	Mn	230	NSM	
20d6	Combining L Arrow Above	Mn	230	NSM	
20d7	Combining R Arrow Above	Mn	230	NSM	
20d8	Combining Ring Overlay	Mn	1	NSM	
20d9	Combining Clockwise Ring Overlay	Mn	1	NSM	
20da	Combining Anticlockwise Ring Overlay	Mn	1	NSM	
20db	Combining Three Dots Above	Mn	230	NSM	
20dc	Combining Four Dots Above	Mn	230	NSM	
20dd	Combining Enclosing Circle	Me	0	NSM	
20de	Combining Enclosing Square	Me	0	NSM	
20df	Combining Enclosing Diamond	Me	0	NSM	
20e0	Combining Enclosing Circle Backslash	Me	0	NSM	
20e1	Combining L R Arrow Above	Mn	230	NSM	
20e2	Combining Enclosing Screen	Me	0	NSM	
20e3	Combining Enclosing Keycap	Me	0	NSM	
20e4	Combining Enclosing Upward Pointing Triangle	Me	0	NSM	
20e5	Combining Reverse Solidus Overlay	Mn	1	NSM	
20e6	Combining Double Vert Stroke Overlay	Mn	1	NSM	
20e7	Combining Annuity Symbol	Mn	230	NSM	
20e8	Combining Triple Underdot	Mn	220	NSM	
20e9	Combining Wide Bridge Above	Mn	230	NSM	
20ea	Combining Leftwards Arrow Overlay	Mn	1	NSM	

=====
Letterlike Symbols (2100 to 214F)
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Hex	Character	Gen	Cmb	Bid	Map
2100	Account of	So	0	ON	C
2101	Addressed to The Subject	So	0	ON	C
2102	Double-Struck Capital C	Lu	0	L	F
2103	Degree Celsius	So	0	ON	C
2104	Centre Line Symbol	So	0	ON	
2105	Care of	So	0	ON	C
2106	Cada Una	So	0	ON	C
2107	Euler Constant	Lu	0	L	C
2108	Scruple	So	0	ON	
2109	Degree Fahrenheit	So	0	ON	C
210a	Script Small G	Ll	0	L	F
210b	Script Capital H	Lu	0	L	F
210c	Black-Letter Capital H	Lu	0	L	F
210d	Double-Struck Capital H	Lu	0	L	F
210e	Planck Constant	Ll	0	L	F
210f	Planck Constant Over Two Pi	Ll	0	L	F
2110	Script Capital I	Lu	0	L	F
2111	Black-Letter Capital I	Lu	0	L	F
2112	Script Capital L	Lu	0	L	F
2113	Script Small L	Ll	0	L	F
2114	L B Bar Symbol	So	0	ON	
2115	Double-Struck Capital N	Lu	0	L	F
2116	Número Sign	So	0	ON	C
2117	Sound Recording Copyright	So	0	ON	
2118	Script Capital P	So	0	ON	
2119	Double-Struck Capital P	Lu	0	L	F
211a	Double-Struck Capital Q	Lu	0	L	F
211b	Script Capital R	Lu	0	L	F
211c	Black-Letter Capital R	Lu	0	L	F
211d	Double-Struck Capital R	Lu	0	L	F
211e	Prescription Take	So	0	ON	
211f	Response	So	0	ON	
2120	Service Mark	So	0	ON	+
2121	Telephone Sign	So	0	ON	C
2122	Trade Mark Sign	So	0	ON	+
2123	Versicle	So	0	ON	
2124	Double-Struck Capital Z	Lu	0	L	F
2125	Ounce Sign	So	0	ON	
2126	Ohm Sign	Lu	0	L	
2127	Inverted Ohm Sign	So	0	ON	
2128	Black-Letter Capital Z	Lu	0	L	F
2129	Turned Greek Small Letter Iota	So	0	ON	
212a	Kelvin Sign	Lu	0	L	
212b	Angstrom Sign	Lu	0	L	
212c	Script Capital B	Lu	0	L	F
212d	Black-Letter Capital C	Lu	0	L	F
212e	Estimated Symbol	So	0	ET	
212f	Script Small E	Ll	0	L	F
2130	Script Capital E	Lu	0	L	F
2131	Script Capital F	Lu	0	L	F

2132	Turned Capital F	So	0	ON	
2133	Script Capital M	Lu	0	L	F
2134	Script Small O	Ll	0	L	F
2135	Alef Symbol	Lo	0	L	C
2136	Bet Symbol	Lo	0	L	C
2137	Gimel Symbol	Lo	0	L	C
2138	Dalet Symbol	Lo	0	L	C
2139	Information Source	Ll	0	L	F
213a	Rotated Capital Q	So	0	ON	
213d	Double-Struck Small Gamma	Ll	0	L	F
213e	Double-Struck Capital Gamma	Lu	0	L	F
213f	Double-Struck Capital Pi	Lu	0	L	F
2140	Double-Struck N-Ary Summation	Sm	0	ON	F
2141	Turned Sans-Serif Capital G	Sm	0	ON	
2142	Turned Sans-Serif Capital L	Sm	0	ON	
2143	Reversed Sans-Serif Capital L	Sm	0	ON	
2144	Turned Sans-Serif Capital Y	Sm	0	ON	
2145	Double-Struck Italic Capital D	Lu	0	L	F
2146	Double-Struck Italic Small D	Ll	0	L	F
2147	Double-Struck Italic Small E	Ll	0	L	F
2148	Double-Struck Italic Small I	Ll	0	L	F
2149	Double-Struck Italic Small J	Ll	0	L	F
214a	Property Line	So	0	ON	
214b	Turned Ampersand	Sm	0	ON	

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Number Forms (2150 to 218F)
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Hex	Character	Gen	Cmb	Bid	Map
2153	Vulgar Fraction One Third	No	0	ON	FR
2154	Vulgar Fraction Two Thirds	No	0	ON	FR
2155	Vulgar Fraction One Fifth	No	0	ON	FR
2156	Vulgar Fraction Two Fifths	No	0	ON	FR
2157	Vulgar Fraction Three Fifths	No	0	ON	FR
2158	Vulgar Fraction Four Fifths	No	0	ON	FR
2159	Vulgar Fraction One Sixth	No	0	ON	FR
215a	Vulgar Fraction Five Sixths	No	0	ON	FR
215b	Vulgar Fraction One Eighth	No	0	ON	FR
215c	Vulgar Fraction Three Eighths	No	0	ON	FR
215d	Vulgar Fraction Five Eighths	No	0	ON	FR
215e	Vulgar Fraction Seven Eighths	No	0	ON	FR
215f	Fraction Numerator One	No	0	ON	FR
2160	Roman Numeral One	Nl	0	L	C
2161	Roman Numeral Two	Nl	0	L	C
2162	Roman Numeral Three	Nl	0	L	C
2163	Roman Numeral Four	Nl	0	L	C
2164	Roman Numeral Five	Nl	0	L	C
2165	Roman Numeral Six	Nl	0	L	C
2166	Roman Numeral Seven	Nl	0	L	C
2167	Roman Numeral Eight	Nl	0	L	C
2168	Roman Numeral Nine	Nl	0	L	C
2169	Roman Numeral Ten	Nl	0	L	C
216a	Roman Numeral Eleven	Nl	0	L	C
216b	Roman Numeral Twelve	Nl	0	L	C
216c	Roman Numeral Fifty	Nl	0	L	C
216d	Roman Numeral One Hundred	Nl	0	L	C
216e	Roman Numeral Five Hundred	Nl	0	L	C
216f	Roman Numeral One Thousand	Nl	0	L	C
2170	Small Roman Numeral One	Nl	0	L	C
2171	Small Roman Numeral Two	Nl	0	L	C
2172	Small Roman Numeral Three	Nl	0	L	C
2173	Small Roman Numeral Four	Nl	0	L	C
2174	Small Roman Numeral Five	Nl	0	L	C
2175	Small Roman Numeral Six	Nl	0	L	C
2176	Small Roman Numeral Seven	Nl	0	L	C
2177	Small Roman Numeral Eight	Nl	0	L	C
2178	Small Roman Numeral Nine	Nl	0	L	C
2179	Small Roman Numeral Ten	Nl	0	L	C
217a	Small Roman Numeral Eleven	Nl	0	L	C
217b	Small Roman Numeral Twelve	Nl	0	L	C
217c	Small Roman Numeral Fifty	Nl	0	L	C
217d	Small Roman Numeral One Hundred	Nl	0	L	C
217e	Small Roman Numeral Five Hundred	Nl	0	L	C
217f	Small Roman Numeral One Thousand	Nl	0	L	C
2180	Roman Numeral One Thousand C D	Nl	0	L	
2181	Roman Numeral Five Thousand	Nl	0	L	
2182	Roman Numeral Ten Thousand	Nl	0	L	
2183	Roman Numeral Reversed One Hundred	Nl	0	L	

=====
Arrows (2190 to 21FF)
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Hex	Character	Gen	Cmb	Bid	Map
2190	Leftwards Arrow	Sm	0	ON	
2191	Upwards Arrow	Sm	0	ON	
2192	Rightwards Arrow	Sm	0	ON	
2193	Downwards Arrow	Sm	0	ON	
2194	L R Arrow	Sm	0	ON	
2195	Up Down Arrow	So	0	ON	
2196	North West Arrow	So	0	ON	
2197	North East Arrow	So	0	ON	
2198	South East Arrow	So	0	ON	
2199	South West Arrow	So	0	ON	
219a	Leftwards Arrow w Stroke	Sm	0	ON	
219b	Rightwards Arrow w Stroke	Sm	0	ON	
219c	Leftwards Wave Arrow	So	0	ON	
219d	Rightwards Wave Arrow	So	0	ON	
219e	Leftwards Two Headed Arrow	So	0	ON	

219f	Upwards Two Headed Arrow	So	0	ON
21a0	Rightwards Two Headed Arrow	Sm	0	ON
21a1	Downwards Two Headed Arrow	So	0	ON
21a2	Leftwards Arrow w Tail	So	0	ON
21a3	Rightwards Arrow w Tail	Sm	0	ON
21a4	Leftwards Arrow From Bar	So	0	ON
21a5	Upwards Arrow From Bar	So	0	ON
21a6	Rightwards Arrow From Bar	Sm	0	ON
21a7	Downwards Arrow From Bar	So	0	ON
21a8	Up Down Arrow w Base	So	0	ON
21a9	Leftwards Arrow w Hook	So	0	ON
21aa	Rightwards Arrow w Hook	So	0	ON
21ab	Leftwards Arrow w Loop	So	0	ON
21ac	Rightwards Arrow w Loop	So	0	ON
21ad	L R Wave Arrow	So	0	ON
21ae	L R Arrow w Stroke	Sm	0	ON
21af	Downwards Zigzag Arrow	So	0	ON
21b0	Upwards Arrow w Tip Leftwards	So	0	ON
21b1	Upwards Arrow w Tip Rightwards	So	0	ON
21b2	Downwards Arrow w Tip Leftwards	So	0	ON
21b3	Downwards Arrow w Tip Rightwards	So	0	ON
21b4	Rightwards Arrow w Corner Downwards	So	0	ON
21b5	Downwards Arrow w Corner Leftwards	So	0	ON
21b6	Anticlockwise Top Semicircle Arrow	So	0	ON
21b7	Clockwise Top Semicircle Arrow	So	0	ON
21b8	North West Arrow to Long Bar	So	0	ON
21b9	Leftwards Arrow to Bar Over R Arrow to Bar	So	0	ON
21ba	Anticlockwise Open Circle Arrow	So	0	ON
21bb	Clockwise Open Circle Arrow	So	0	ON
21bc	Leftwards Harpoon w Barb Upwards	So	0	ON
21bd	Leftwards Harpoon w Barb Downwards	So	0	ON
21be	Upwards Harpoon w Barb Rightwards	So	0	ON
21bf	Upwards Harpoon w Barb Leftwards	So	0	ON
21c0	Rightwards Harpoon w Barb Upwards	So	0	ON
21c1	Rightwards Harpoon w Barb Downwards	So	0	ON
21c2	Downwards Harpoon w Barb Rightwards	So	0	ON
21c3	Downwards Harpoon w Barb Leftwards	So	0	ON
21c4	Rightwards Arrow Over Leftwards Arrow	So	0	ON
21c5	Upwards Arrow Leftwards of Downwards Arrow	So	0	ON
21c6	Leftwards Arrow Over R Arrow	So	0	ON
21c7	Leftwards Paired Arrows	So	0	ON
21c8	Upwards Paired Arrows	So	0	ON
21c9	Rightwards Paired Arrows	So	0	ON
21ca	Downwards Paired Arrows	So	0	ON
21cb	Leftwards Harpoon Over R Harpoon	So	0	ON
21cc	Rightwards Harpoon Over Leftwards Harpoon	So	0	ON
21cd	Leftwards Double Arrow w Stroke	So	0	ON
21ce	L R Double Arrow w Stroke	Sm	0	ON
21cf	Rightwards Double Arrow w Stroke	Sm	0	ON
21d0	Leftwards Double Arrow	So	0	ON
21d1	Upwards Double Arrow	So	0	ON
21d2	Rightwards Double Arrow	Sm	0	ON
21d3	Downwards Double Arrow	So	0	ON
21d4	L R Double Arrow	Sm	0	ON
21d5	Up Down Double Arrow	So	0	ON
21d6	North West Double Arrow	So	0	ON
21d7	North East Double Arrow	So	0	ON
21d8	South East Double Arrow	So	0	ON
21d9	South West Double Arrow	So	0	ON
21da	Leftwards Triple Arrow	So	0	ON
21db	Rightwards Triple Arrow	So	0	ON
21dc	Leftwards Squiggle Arrow	So	0	ON
21dd	Rightwards Squiggle Arrow	So	0	ON
21de	Upwards Arrow w Double Stroke	So	0	ON
21df	Downwards Arrow w Double Stroke	So	0	ON
21e0	Leftwards Dashed Arrow	So	0	ON
21e1	Upwards Dashed Arrow	So	0	ON
21e2	Rightwards Dashed Arrow	So	0	ON
21e3	Downwards Dashed Arrow	So	0	ON
21e4	Leftwards Arrow to Bar	So	0	ON
21e5	Rightwards Arrow to Bar	So	0	ON
21e6	Leftwards White Arrow	So	0	ON
21e7	Upwards White Arrow	So	0	ON
21e8	Rightwards White Arrow	So	0	ON
21e9	Downwards White Arrow	So	0	ON
21ea	Upwards White Arrow From Bar	So	0	ON
21eb	Upwards White Arrow On Pedestal	So	0	ON
21ec	Upwards White Arrow On Pedestal w Horiz Bar	So	0	ON
21ed	Upwards White Arrow On Pedestal w Vert Bar	So	0	ON
21ee	Upwards White Double Arrow	So	0	ON
21ef	Upwards White Double Arrow On Pedestal	So	0	ON
21f0	Rightwards White Arrow From Wall	So	0	ON
21f1	North West Arrow to Corner	So	0	ON
21f2	South East Arrow to Corner	So	0	ON
21f3	Up Down White Arrow	So	0	ON
21f4	R Arrow w Small Circle	Sm	0	ON
21f5	Downwards Arrow Leftwards of Upwards Arrow	Sm	0	ON
21f6	Three R Arrows	Sm	0	ON
21f7	Leftwards Arrow w Vert Stroke	Sm	0	ON
21f8	Rightwards Arrow w Vert Stroke	Sm	0	ON
21f9	L R Arrow w Vert Stroke	Sm	0	ON
21fa	Leftwards Arrow w Double Vert Stroke	Sm	0	ON
21fb	Rightwards Arrow w Double Vert Stroke	Sm	0	ON
21fc	L R Arrow w Double Vert Stroke	Sm	0	ON
21fd	Leftwards Open-Headed Arrow	Sm	0	ON
21fe	Rightwards Open-Headed Arrow	Sm	0	ON
21ff	L R Open-Headed Arrow	Sm	0	ON

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Mathematical Operators (2200 to 22FF)
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Hex	Character	Gen	Cmb	Bid	Map
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2200	For All	Sm	0	ON	
2201	Complement	Sm	0	ON	
2202	Partial Differential	Sm	0	ON	
2203	There Exists	Sm	0	ON	
2204	There Does Not Exist	Sm	0	ON	
2205	Empty Set	Sm	0	ON	
2206	Increment	Sm	0	ON	
2207	Nabla	Sm	0	ON	
2208	Element of	Sm	0	ON	
2209	Not An Element of	Sm	0	ON	
220a	Small Element of	Sm	0	ON	
220b	Contains As Member	Sm	0	ON	
220c	Does Not Contain As Member	Sm	0	ON	
220d	Small Contains As Member	Sm	0	ON	
220e	End of Proof	Sm	0	ON	
220f	N-Ary Product	Sm	0	ON	
2210	N-Ary Coproduct	Sm	0	ON	
2211	N-Ary Summation	Sm	0	ON	
2212	Minus Sign	Sm	0	ET	
2213	Minus-Or-Plus Sign	Sm	0	ET	
2214	Dot Plus	Sm	0	ON	
2215	Division Slash	Sm	0	ON	
2216	Set Minus	Sm	0	ON	
2217	Asterisk Operator	Sm	0	ON	
2218	Ring Operator	Sm	0	ON	
2219	Bullet Operator	Sm	0	ON	
221a	Square Root	Sm	0	ON	
221b	Cube Root	Sm	0	ON	
221c	Fourth Root	Sm	0	ON	
221d	Proportional to	Sm	0	ON	
221e	Infinity	Sm	0	ON	
221f	R Angle	Sm	0	ON	
2220	Angle	Sm	0	ON	
2221	Measured Angle	Sm	0	ON	
2222	Spherical Angle	Sm	0	ON	
2223	Divides	Sm	0	ON	
2224	Does Not Divide	Sm	0	ON	
2225	Parallel to	Sm	0	ON	
2226	Not Parallel to	Sm	0	ON	
2227	Logical And	Sm	0	ON	
2228	Logical or	Sm	0	ON	
2229	Intersection	Sm	0	ON	
222a	Union	Sm	0	ON	
222b	Integral	Sm	0	ON	
222c	Double Integral	Sm	0	ON	C
222d	Triple Integral	Sm	0	ON	C
222e	Contour Integral	Sm	0	ON	
222f	Surface Integral	Sm	0	ON	C
2230	Volume Integral	Sm	0	ON	C
2231	Clockwise Integral	Sm	0	ON	
2232	Clockwise Contour Integral	Sm	0	ON	
2233	Anticlockwise Contour Integral	Sm	0	ON	
2234	Therefore	Sm	0	ON	
2235	Because	Sm	0	ON	
2236	Ratio	Sm	0	ON	
2237	Proportion	Sm	0	ON	
2238	Dot Minus	Sm	0	ON	
2239	Excess	Sm	0	ON	
223a	Geometric Proportion	Sm	0	ON	
223b	Homothetic	Sm	0	ON	
223c	Tilde Operator	Sm	0	ON	
223d	Reversed Tilde	Sm	0	ON	
223e	Inverted Lazy S	Sm	0	ON	
223f	Sine Wave	Sm	0	ON	
2240	Wreath Product	Sm	0	ON	
2241	Not Tilde	Sm	0	ON	
2242	Minus Tilde	Sm	0	ON	
2243	Asymptotically = to	Sm	0	ON	
2244	Not Asymptotically = to	Sm	0	ON	
2245	Approximately = to	Sm	0	ON	
2246	Approximately but Not Actually = to	Sm	0	ON	
2247	Neither Approximately nor Actually = to	Sm	0	ON	
2248	Almost = to	Sm	0	ON	
2249	Not Almost = to	Sm	0	ON	
224a	Almost = or = to	Sm	0	ON	
224b	Triple Tilde	Sm	0	ON	
224c	All = to	Sm	0	ON	
224d	Equivalent to	Sm	0	ON	
224e	Geometrically Equivalent to	Sm	0	ON	
224f	Difference Between	Sm	0	ON	
2250	Approaches The Limit	Sm	0	ON	
2251	Geometrically = to	Sm	0	ON	
2252	Approximately = to or The Image of	Sm	0	ON	
2253	Image of or Approximately = to	Sm	0	ON	
2254	Colon Equals	Sm	0	ON	
2255	= Colon	Sm	0	ON	
2256	Ring in = to	Sm	0	ON	
2257	Ring = to	Sm	0	ON	
2258	Corresponds to	Sm	0	ON	
2259	Estimates	Sm	0	ON	
225a	Equiangular to	Sm	0	ON	
225b	Star Equals	Sm	0	ON	
225c	Delta = to	Sm	0	ON	
225d	Equal to by Definition	Sm	0	ON	
225e	Measured By	Sm	0	ON	
225f	Questioned = to	Sm	0	ON	
2260	Not = to	Sm	0	ON	
2261	Identical to	Sm	0	ON	
2262	Not Identical to	Sm	0	ON	
2263	Strictly Equivalent to	Sm	0	ON	
2264	< or = to	Sm	0	ON	
2265	>or = to	Sm	0	ON	

2266	< Over = to	Sm	0	ON
2267	>Over = to	Sm	0	ON
2268	< but Not = to	Sm	0	ON
2269	>but Not = to	Sm	0	ON
226a	Much <	Sm	0	ON
226b	Much >	Sm	0	ON
226c	Between	Sm	0	ON
226d	Not Equivalent to	Sm	0	ON
226e	Not <	Sm	0	ON
226f	Not >	Sm	0	ON
2270	Neither < nor = to	Sm	0	ON
2271	Neither >nor = to	Sm	0	ON
2272	< or Equivalent to	Sm	0	ON
2273	>or Equivalent to	Sm	0	ON
2274	Neither < nor Equivalent to	Sm	0	ON
2275	Neither >nor Equivalent to	Sm	0	ON
2276	< or >	Sm	0	ON
2277	>or <	Sm	0	ON
2278	Neither < nor >	Sm	0	ON
2279	Neither >nor <	Sm	0	ON
227a	Precedes	Sm	0	ON
227b	Succeeds	Sm	0	ON
227c	Precedes or = to	Sm	0	ON
227d	Succeeds or = to	Sm	0	ON
227e	Precedes or Equivalent to	Sm	0	ON
227f	Succeeds or Equivalent to	Sm	0	ON
2280	Does Not Precede	Sm	0	ON
2281	Does Not Succeed	Sm	0	ON
2282	Subset of	Sm	0	ON
2283	Superset of	Sm	0	ON
2284	Not A Subset of	Sm	0	ON
2285	Not A Superset of	Sm	0	ON
2286	Subset of or = to	Sm	0	ON
2287	Superset of or = to	Sm	0	ON
2288	Neither A Subset of nor = to	Sm	0	ON
2289	Neither A Superset of nor = to	Sm	0	ON
228a	Subset of w Not = to	Sm	0	ON
228b	Superset of w Not = to	Sm	0	ON
228c	Multiset	Sm	0	ON
228d	Multiset Multiplication	Sm	0	ON
228e	Multiset Union	Sm	0	ON
228f	Square Image of	Sm	0	ON
2290	Square Original of	Sm	0	ON
2291	Square Image of or = to	Sm	0	ON
2292	Square Original of or = to	Sm	0	ON
2293	Square Cap	Sm	0	ON
2294	Square Cup	Sm	0	ON
2295	Circled Plus	Sm	0	ON
2296	Circled Minus	Sm	0	ON
2297	Circled Times	Sm	0	ON
2298	Circled Division Slash	Sm	0	ON
2299	Circled Dot Operator	Sm	0	ON
229a	Circled Ring Operator	Sm	0	ON
229b	Circled Asterisk Operator	Sm	0	ON
229c	Circled Equals	Sm	0	ON
229d	Circled Dash	Sm	0	ON
229e	Squared Plus	Sm	0	ON
229f	Squared Minus	Sm	0	ON
22a0	Squared Times	Sm	0	ON
22a1	Squared Dot Operator	Sm	0	ON
22a2	R Tack	Sm	0	ON
22a3	L Tack	Sm	0	ON
22a4	Down Tack	Sm	0	ON
22a5	Up Tack	Sm	0	ON
22a6	Assertion	Sm	0	ON
22a7	Models	Sm	0	ON
22a8	True	Sm	0	ON
22a9	Forces	Sm	0	ON
22aa	Triple Vert Bar R Turnstile	Sm	0	ON
22ab	Double Vert Bar Double R Turnstile	Sm	0	ON
22ac	Does Not Prove	Sm	0	ON
22ad	Not True	Sm	0	ON
22ae	Does Not Force	Sm	0	ON
22af	Negated Double Vert Bar Double R Turnstile	Sm	0	ON
22b0	Precedes Under Relation	Sm	0	ON
22b1	Succeeds Under Relation	Sm	0	ON
22b2	Normal Subgroup of	Sm	0	ON
22b3	Contains As Normal Subgroup	Sm	0	ON
22b4	Normal Subgroup of or = to	Sm	0	ON
22b5	Contains As Normal Subgroup or = to	Sm	0	ON
22b6	Original of	Sm	0	ON
22b7	Image of	Sm	0	ON
22b8	Multimap	Sm	0	ON
22b9	Hermitian Conjugate Matrix	Sm	0	ON
22ba	Intercalate	Sm	0	ON
22bb	Xor	Sm	0	ON
22bc	Nand	Sm	0	ON
22bd	nor	Sm	0	ON
22be	R Angle w Arc	Sm	0	ON
22bf	R Triangle	Sm	0	ON
22c0	N-Ary Logical And	Sm	0	ON
22c1	N-Ary Logical or	Sm	0	ON
22c2	N-Ary Intersection	Sm	0	ON
22c3	N-Ary Union	Sm	0	ON
22c4	Diamond Operator	Sm	0	ON
22c5	Dot Operator	Sm	0	ON
22c6	Star Operator	Sm	0	ON
22c7	Division Times	Sm	0	ON
22c8	Bowtie	Sm	0	ON
22c9	L Normal Factor Semidirect Product	Sm	0	ON

22ca	R Normal Factor Semidirect Product	Sm	0	ON
22cb	L Semidirect Product	Sm	0	ON
22cc	R Semidirect Product	Sm	0	ON
22cd	Reversed Tilde Equals	Sm	0	ON
22ce	Curly Logical or	Sm	0	ON
22cf	Curly Logical And	Sm	0	ON
22d0	Double Subset	Sm	0	ON
22d1	Double Superset	Sm	0	ON
22d2	Double Intersection	Sm	0	ON
22d3	Double Union	Sm	0	ON
22d4	Pitchfork	Sm	0	ON
22d5	Equal & Parallel to	Sm	0	ON
22d6	< w Dot	Sm	0	ON
22d7	>w Dot	Sm	0	ON
22d8	Very Much <	Sm	0	ON
22d9	Very Much >	Sm	0	ON
22da	< = to or >	Sm	0	ON
22db	>= to or <	Sm	0	ON
22dc	Equal to or <	Sm	0	ON
22dd	Equal to or >	Sm	0	ON
22de	Equal to or Precedes	Sm	0	ON
22df	Equal to or Succeeds	Sm	0	ON
22e0	Does Not Precede or Equal	Sm	0	ON
22e1	Does Not Succeed or Equal	Sm	0	ON
22e2	Not Square Image of or = to	Sm	0	ON
22e3	Not Square Original of or = to	Sm	0	ON
22e4	Square Image of or Not = to	Sm	0	ON
22e5	Square Original of or Not = to	Sm	0	ON
22e6	< but Not Equivalent to	Sm	0	ON
22e7	>but Not Equivalent to	Sm	0	ON
22e8	Precedes but Not Equivalent to	Sm	0	ON
22e9	Succeeds but Not Equivalent to	Sm	0	ON
22ea	Not Normal Subgroup of	Sm	0	ON
22eb	Does Not Contain As Normal Subgroup	Sm	0	ON
22ec	Not Normal Subgroup of or = to	Sm	0	ON
22ed	Does Not Contain As Normal Subgroup or Equal	Sm	0	ON
22ee	Vert Ellipsis	Sm	0	ON
22ef	Midline Horiz Ellipsis	Sm	0	ON
22f0	Up R Diagonal Ellipsis	Sm	0	ON
22f1	Down R Diagonal Ellipsis	Sm	0	ON
22f2	Element of w Long Horiz Stroke	Sm	0	ON
22f3	Element of w Vert Bar at End of Horiz Stroke	Sm	0	ON
22f4	Small Element of w Vert Bar at End of Horiz Stroke	Sm	0	ON
22f5	Element of w Dot Above	Sm	0	ON
22f6	Element of w Overbar	Sm	0	ON
22f7	Small Element of w Overbar	Sm	0	ON
22f8	Element of w Underbar	Sm	0	ON
22f9	Element of w Two Horiz Strokes	Sm	0	ON
22fa	Contains w Long Horiz Stroke	Sm	0	ON
22fb	Contains w Vert Bar at End of Horiz Stroke	Sm	0	ON
22fc	Small Contains w Vert Bar at End of Horiz Stroke	Sm	0	ON
22fd	Contains w Overbar	Sm	0	ON
22fe	Small Contains w Overbar	Sm	0	ON
22ff	Z Notation Bag Membership	Sm	0	ON

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Miscellaneous Technical (2300 to 23FF)

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Hex	Character	Gen	Cmb	Bid	Map
2300	Diameter Sign	So	0	ON	
2301	Electric Arrow	So	0	ON	
2302	House	So	0	ON	
2303	Up Arrowhead	So	0	ON	
2304	Down Arrowhead	So	0	ON	
2305	Projective	So	0	ON	
2306	Perspective	So	0	ON	
2307	Wavy Line	So	0	ON	
2308	L Ceiling	Sm	0	ON	
2309	R Ceiling	Sm	0	ON	
230a	L Floor	Sm	0	ON	
230b	R Floor	Sm	0	ON	
230c	Bottom R Crop	So	0	ON	
230d	Bottom L Crop	So	0	ON	
230e	Top R Crop	So	0	ON	
230f	Top L Crop	So	0	ON	
2310	Reversed Not Sign	So	0	ON	
2311	Square Lozenge	So	0	ON	
2312	Arc	So	0	ON	
2313	Segment	So	0	ON	
2314	Sector	So	0	ON	
2315	Telephone Recorder	So	0	ON	
2316	Position Indicator	So	0	ON	
2317	Viewdata Square	So	0	ON	
2318	Place of Interest Sign	So	0	ON	
2319	Turned Not Sign	So	0	ON	
231a	Watch	So	0	ON	
231b	Hourglass	So	0	ON	
231c	Top L Corner	So	0	ON	
231d	Top R Corner	So	0	ON	
231e	Bottom L Corner	So	0	ON	
231f	Bottom R Corner	So	0	ON	
2320	Top Half Integral	Sm	0	ON	
2321	Bottom Half Integral	Sm	0	ON	
2322	Frown	So	0	ON	
2323	Smile	So	0	ON	
2324	Up Arrowhead Between Two Horiz Bars	So	0	ON	
2325	Option Key	So	0	ON	
2326	Erase to The R	So	0	ON	
2327	X in A Rectangle Box	So	0	ON	

2328	Keyboard	So	0	ON
2329	Left-Pointing Angle Bracket	Ps	0	ON
232a	Right-Pointing Angle Bracket	Pe	0	ON
232b	Erase to The L	So	0	ON
232c	Benzene Ring	So	0	ON
232d	Cylindricity	So	0	ON
232e	All Around-Profile	So	0	ON
232f	Symmetry	So	0	ON
2330	Total Runout	So	0	ON
2331	Dimension Origin	So	0	ON
2332	Conical Taper	So	0	ON
2333	Slope	So	0	ON
2334	Counterbore	So	0	ON
2335	Countersink	So	0	ON
2336	APL Functional Symbol I-Beam	So	0	L
2337	APL Functional Symbol Squish Quad	So	0	L
2338	APL Functional Symbol Quad Equal	So	0	L
2339	APL Functional Symbol Quad Divide	So	0	L
233a	APL Functional Symbol Quad Diamond	So	0	L
233b	APL Functional Symbol Quad Jot	So	0	L
233c	APL Functional Symbol Quad Circle	So	0	L
233d	APL Functional Symbol Circle Stile	So	0	L
233e	APL Functional Symbol Circle Jot	So	0	L
233f	APL Functional Symbol Slash Bar	So	0	L
2340	APL Functional Symbol Backslash Bar	So	0	L
2341	APL Functional Symbol Quad Slash	So	0	L
2342	APL Functional Symbol Quad Backslash	So	0	L
2343	APL Functional Symbol Quad <	So	0	L
2344	APL Functional Symbol Quad >	So	0	L
2345	APL Functional Symbol Leftwards Vane	So	0	L
2346	APL Functional Symbol R Vane	So	0	L
2347	APL Functional Symbol Quad Leftwards Arrow	So	0	L
2348	APL Functional Symbol Quad R Arrow	So	0	L
2349	APL Functional Symbol Circle Backslash	So	0	L
234a	APL Functional Symbol Down Tack Underbar	So	0	L
234b	APL Functional Symbol Delta Stile	So	0	L
234c	APL Functional Symbol Quad Down Caret	So	0	L
234d	APL Functional Symbol Quad Delta	So	0	L
234e	APL Functional Symbol Down Tack Jot	So	0	L
234f	APL Functional Symbol Upwards Vane	So	0	L
2350	APL Functional Symbol Quad Upwards Arrow	So	0	L
2351	APL Functional Symbol Up Tack Overbar	So	0	L
2352	APL Functional Symbol Del Stile	So	0	L
2353	APL Functional Symbol Quad Up Caret	So	0	L
2354	APL Functional Symbol Quad Del	So	0	L
2355	APL Functional Symbol Up Tack Jot	So	0	L
2356	APL Functional Symbol Downwards Vane	So	0	L
2357	APL Functional Symbol Quad Downwards Arrow	So	0	L
2358	APL Functional Symbol Quote Underbar	So	0	L
2359	APL Functional Symbol Delta Underbar	So	0	L
235a	APL Functional Symbol Diamond Underbar	So	0	L
235b	APL Functional Symbol Jot Underbar	So	0	L
235c	APL Functional Symbol Circle Underbar	So	0	L
235d	APL Functional Symbol Up Shoe Jot	So	0	L
235e	APL Functional Symbol Quote Quad	So	0	L
235f	APL Functional Symbol Circle Star	So	0	L
2360	APL Functional Symbol Quad Colon	So	0	L
2361	APL Functional Symbol Up Tack Diaeresis	So	0	L
2362	APL Functional Symbol Del Diaeresis	So	0	L
2363	APL Functional Symbol Star Diaeresis	So	0	L
2364	APL Functional Symbol Jot Diaeresis	So	0	L
2365	APL Functional Symbol Circle Diaeresis	So	0	L
2366	APL Functional Symbol Down Shoe Stile	So	0	L
2367	APL Functional Symbol L Shoe Stile	So	0	L
2368	APL Functional Symbol Tilde Diaeresis	So	0	L
2369	APL Functional Symbol >Diaeresis	So	0	L
236a	APL Functional Symbol Comma Bar	So	0	L
236b	APL Functional Symbol Del Tilde	So	0	L
236c	APL Functional Symbol Zilde	So	0	L
236d	APL Functional Symbol Stile Tilde	So	0	L
236e	APL Functional Symbol Semicolon Underbar	So	0	L
236f	APL Functional Symbol Quad Not Equal	So	0	L
2370	APL Functional Symbol Quad Question	So	0	L
2371	APL Functional Symbol Down Caret Tilde	So	0	L
2372	APL Functional Symbol Up Caret Tilde	So	0	L
2373	APL Functional Symbol Iota	So	0	L
2374	APL Functional Symbol Rho	So	0	L
2375	APL Functional Symbol Omega	So	0	L
2376	APL Functional Symbol Alpha Underbar	So	0	L
2377	APL Functional Symbol Epsilon Underbar	So	0	L
2378	APL Functional Symbol Iota Underbar	So	0	L
2379	APL Functional Symbol Omega Underbar	So	0	L
237a	APL Functional Symbol Alpha	So	0	L
237b	Not Check Mark	So	0	ON
237c	R Angle w Downwards Zigzag Arrow	Sm	0	ON
237d	Shouldered Open Box	So	0	ON
237e	Bell Symbol	So	0	ON
237f	Vert Line w Middle Dot	So	0	ON
2380	Insertion Symbol	So	0	ON
2381	Continuous Underline Symbol	So	0	ON
2382	Discontinuous Underline Symbol	So	0	ON
2383	Emphasis Symbol	So	0	ON
2384	Composition Symbol	So	0	ON
2385	White Square w Centre Vert Line	So	0	ON
2386	Enter Symbol	So	0	ON
2387	Alternative Key Symbol	So	0	ON
2388	Helm Symbol	So	0	ON
2389	Circled Horiz Bar w Notch	So	0	ON
238a	Circled Triangle Down	So	0	ON
238b	Broken Circle w Northwest Arrow	So	0	ON
238c	Undo Symbol	So	0	ON
238d	Monostable Symbol	So	0	ON
238e	Hysteresis Symbol	So	0	ON

238f	Open-Circuit-Output H-Type Symbol	So	0	ON
2390	Open-Circuit-Output L-Type Symbol	So	0	ON
2391	Passive-Pull-Down-Output Symbol	So	0	ON
2392	Passive-Pull-Up-Output Symbol	So	0	ON
2393	Direct Current Symbol Form Two	So	0	ON
2394	Software-Function Symbol	So	0	ON
2395	APL Functional Symbol Quad	So	0	L
2396	Decimal Separator Key Symbol	So	0	ON
2397	Previous Page	So	0	ON
2398	Next Page	So	0	ON
2399	Print Screen Symbol	So	0	ON
239a	Clear Screen Symbol	So	0	ON
239b	L Parenthesis Upper Hook	Sm	0	ON
239c	L Parenthesis Extension	Sm	0	ON
239d	L Parenthesis Lower Hook	Sm	0	ON
239e	R Parenthesis Upper Hook	Sm	0	ON
239f	R Parenthesis Extension	Sm	0	ON
23a0	R Parenthesis Lower Hook	Sm	0	ON
23a1	L Square Bracket Upper Corner	Sm	0	ON
23a2	L Square Bracket Extension	Sm	0	ON
23a3	L Square Bracket Lower Corner	Sm	0	ON
23a4	R Square Bracket Upper Corner	Sm	0	ON
23a5	R Square Bracket Extension	Sm	0	ON
23a6	R Square Bracket Lower Corner	Sm	0	ON
23a7	L Curly Bracket Upper Hook	Sm	0	ON
23a8	L Curly Bracket Middle Piece	Sm	0	ON
23a9	L Curly Bracket Lower Hook	Sm	0	ON
23aa	Curly Bracket Extension	Sm	0	ON
23ab	R Curly Bracket Upper Hook	Sm	0	ON
23ac	R Curly Bracket Middle Piece	Sm	0	ON
23ad	R Curly Bracket Lower Hook	Sm	0	ON
23ae	Integral Extension	Sm	0	ON
23af	Horiz Line Extension	Sm	0	ON
23b0	Upper L or Lower R Curly Bracket Section	Sm	0	ON
23b1	Upper R or Lower L Curly Bracket Section	Sm	0	ON
23b2	Summation Top	Sm	0	ON
23b3	Summation Bottom	Sm	0	ON
23b4	Top Square Bracket	Ps	0	ON
23b5	Bottom Square Bracket	Pe	0	ON
23b6	Bottom Square Bracket Over Top Square Bracket	Po	0	ON
23b7	Radical Symbol Bottom	So	0	ON
23b8	L Vert Box Line	So	0	ON
23b9	R Vert Box Line	So	0	ON
23ba	Horiz Scan Line-1	So	0	ON
23bb	Horiz Scan Line-3	So	0	ON
23bc	Horiz Scan Line-7	So	0	ON
23bd	Horiz Scan Line-9	So	0	ON
23be	Dentistry Symbol Light Vert & Top R	So	0	ON
23bf	Dentistry Symbol Light Vert & Bottom R	So	0	ON
23c0	Dentistry Symbol Light Vert w Circle	So	0	ON
23c1	Dentistry Symbol Light Down & Horiz w Circle	So	0	ON
23c2	Dentistry Symbol Light Up & Horiz w Circle	So	0	ON
23c3	Dentistry Symbol Light Vert w Triangle	So	0	ON
23c4	Dentistry Symbol Light Down & Horiz w Triangle	So	0	ON
23c5	Dentistry Symbol Light Up & Horiz w Triangle	So	0	ON
23c6	Dentistry Symbol Light Vert & Wave	So	0	ON
23c7	Dentistry Symbol Light Down & Horiz w Wave	So	0	ON
23c8	Dentistry Symbol Light Up & Horiz w Wave	So	0	ON
23c9	Dentistry Symbol Light Down & Horiz	So	0	ON
23ca	Dentistry Symbol Light Up & Horiz	So	0	ON
23cb	Dentistry Symbol Light Vert & Top L	So	0	ON
23cc	Dentistry Symbol Light Vert & Bottom L	So	0	ON
23cd	Square Foot	So	0	ON
23ce	Return Symbol	So	0	ON

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Control Pictures (2400 to 243F)
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Hex	Character	Gen	Cmb	Bid	Map
2400	Symbol For Null	So	0	ON	
2401	Symbol For Start of Heading	So	0	ON	
2402	Symbol For Start of Text	So	0	ON	
2403	Symbol For End of Text	So	0	ON	
2404	Symbol For End of Transmission	So	0	ON	
2405	Symbol For Enquiry	So	0	ON	
2406	Symbol For Acknowledge	So	0	ON	
2407	Symbol For Bell	So	0	ON	
2408	Symbol For Backspace	So	0	ON	
2409	Symbol For Horiz Tabulation	So	0	ON	
240a	Symbol For Line Feed	So	0	ON	
240b	Symbol For Vert Tabulation	So	0	ON	
240c	Symbol For Form Feed	So	0	ON	
240d	Symbol For Carriage Return	So	0	ON	
240e	Symbol For Shift Out	So	0	ON	
240f	Symbol For Shift In	So	0	ON	
2410	Symbol For Data Link Escape	So	0	ON	
2411	Symbol For Device Control One	So	0	ON	
2412	Symbol For Device Control Two	So	0	ON	
2413	Symbol For Device Control Three	So	0	ON	
2414	Symbol For Device Control Four	So	0	ON	
2415	Symbol For Negative Acknowledge	So	0	ON	
2416	Symbol For Synchronous Idle	So	0	ON	
2417	Symbol For End of Transmission Block	So	0	ON	
2418	Symbol For Cancel	So	0	ON	
2419	Symbol For End of Medium	So	0	ON	
241a	Symbol For Substitute	So	0	ON	
241b	Symbol For Escape	So	0	ON	
241c	Symbol For File Separator	So	0	ON	

241d	Symbol For Group Separator	So	0	ON
241e	Symbol For Record Separator	So	0	ON
241f	Symbol For Unit Separator	So	0	ON
2420	Symbol For Space	So	0	ON
2421	Symbol For Delete	So	0	ON
2422	Blank Symbol	So	0	ON
2423	Open Box	So	0	ON
2424	Symbol For Newline	So	0	ON
2425	Symbol For Delete Form Two	So	0	ON
2426	Symbol For Substitute Form Two	So	0	ON

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Optical Character Recognition (2440 to 245F)
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Hex	Character	Gen	Cmb	Bid	Map
2440	OCR Hook	So	0	ON	
2441	OCR Chair	So	0	ON	
2442	OCR Fork	So	0	ON	
2443	OCR Inverted Fork	So	0	ON	
2444	OCR Belt Buckle	So	0	ON	
2445	OCR Bow Tie	So	0	ON	
2446	OCR Branch Bank Identification	So	0	ON	
2447	OCR Amount of Check	So	0	ON	
2448	OCR Dash	So	0	ON	
2449	OCR Customer Account Number	So	0	ON	
244a	OCR Double Backslash	So	0	ON	

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Enclosed Alphanumerics (2460 to 24FF)
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Hex	Character	Gen	Cmb	Bid	Map
2460	Circled Digit One	No	0	EN	0
2461	Circled Digit Two	No	0	EN	0
2462	Circled Digit Three	No	0	EN	0
2463	Circled Digit Four	No	0	EN	0
2464	Circled Digit Five	No	0	EN	0
2465	Circled Digit Six	No	0	EN	0
2466	Circled Digit Seven	No	0	EN	0
2467	Circled Digit Eight	No	0	EN	0
2468	Circled Digit Nine	No	0	EN	0
2469	Circled Number Ten	No	0	EN	0
246a	Circled Number Eleven	No	0	EN	0
246b	Circled Number Twelve	No	0	EN	0
246c	Circled Number Thirteen	No	0	EN	0
246d	Circled Number Fourteen	No	0	EN	0
246e	Circled Number Fifteen	No	0	EN	0
246f	Circled Number Sixteen	No	0	EN	0
2470	Circled Number Seventeen	No	0	EN	0
2471	Circled Number Eighteen	No	0	EN	0
2472	Circled Number Nineteen	No	0	EN	0
2473	Circled Number Twenty	No	0	EN	0
2474	Parenthesized Digit One	No	0	EN	C
2475	Parenthesized Digit Two	No	0	EN	C
2476	Parenthesized Digit Three	No	0	EN	C
2477	Parenthesized Digit Four	No	0	EN	C
2478	Parenthesized Digit Five	No	0	EN	C
2479	Parenthesized Digit Six	No	0	EN	C
247a	Parenthesized Digit Seven	No	0	EN	C
247b	Parenthesized Digit Eight	No	0	EN	C
247c	Parenthesized Digit Nine	No	0	EN	C
247d	Parenthesized Number Ten	No	0	EN	C
247e	Parenthesized Number Eleven	No	0	EN	C
247f	Parenthesized Number Twelve	No	0	EN	C
2480	Parenthesized Number Thirteen	No	0	EN	C
2481	Parenthesized Number Fourteen	No	0	EN	C
2482	Parenthesized Number Fifteen	No	0	EN	C
2483	Parenthesized Number Sixteen	No	0	EN	C
2484	Parenthesized Number Seventeen	No	0	EN	C
2485	Parenthesized Number Eighteen	No	0	EN	C
2486	Parenthesized Number Nineteen	No	0	EN	C
2487	Parenthesized Number Twenty	No	0	EN	C
2488	Digit One Full Stop	No	0	EN	C
2489	Digit Two Full Stop	No	0	EN	C
248a	Digit Three Full Stop	No	0	EN	C
248b	Digit Four Full Stop	No	0	EN	C
248c	Digit Five Full Stop	No	0	EN	C
248d	Digit Six Full Stop	No	0	EN	C
248e	Digit Seven Full Stop	No	0	EN	C
248f	Digit Eight Full Stop	No	0	EN	C
2490	Digit Nine Full Stop	No	0	EN	C
2491	Number Ten Full Stop	No	0	EN	C
2492	Number Eleven Full Stop	No	0	EN	C
2493	Number Twelve Full Stop	No	0	EN	C
2494	Number Thirteen Full Stop	No	0	EN	C
2495	Number Fourteen Full Stop	No	0	EN	C
2496	Number Fifteen Full Stop	No	0	EN	C
2497	Number Sixteen Full Stop	No	0	EN	C
2498	Number Seventeen Full Stop	No	0	EN	C
2499	Number Eighteen Full Stop	No	0	EN	C
249a	Number Nineteen Full Stop	No	0	EN	C
249b	Number Twenty Full Stop	No	0	EN	C
249c	Parenthesized Latin Small Letter A	So	0	L	C
249d	Parenthesized Latin Small Letter B	So	0	L	C
249e	Parenthesized Latin Small Letter C	So	0	L	C
249f	Parenthesized Latin Small Letter D	So	0	L	C
24a0	Parenthesized Latin Small Letter E	So	0	L	C
24a1	Parenthesized Latin Small Letter F	So	0	L	C
24a2	Parenthesized Latin Small Letter G	So	0	L	C

24a3	Parenthesized Latin Small Letter H	So	0	L	C
24a4	Parenthesized Latin Small Letter I	So	0	L	C
24a5	Parenthesized Latin Small Letter J	So	0	L	C
24a6	Parenthesized Latin Small Letter K	So	0	L	C
24a7	Parenthesized Latin Small Letter L	So	0	L	C
24a8	Parenthesized Latin Small Letter M	So	0	L	C
24a9	Parenthesized Latin Small Letter N	So	0	L	C
24aa	Parenthesized Latin Small Letter O	So	0	L	C
24ab	Parenthesized Latin Small Letter P	So	0	L	C
24ac	Parenthesized Latin Small Letter Q	So	0	L	C
24ad	Parenthesized Latin Small Letter R	So	0	L	C
24ae	Parenthesized Latin Small Letter S	So	0	L	C
24af	Parenthesized Latin Small Letter T	So	0	L	C
24b0	Parenthesized Latin Small Letter U	So	0	L	C
24b1	Parenthesized Latin Small Letter V	So	0	L	C
24b2	Parenthesized Latin Small Letter W	So	0	L	C
24b3	Parenthesized Latin Small Letter X	So	0	L	C
24b4	Parenthesized Latin Small Letter Y	So	0	L	C
24b5	Parenthesized Latin Small Letter Z	So	0	L	C
24b6	Circled Latin Capital Letter A	So	0	L	0
24b7	Circled Latin Capital Letter B	So	0	L	0
24b8	Circled Latin Capital Letter C	So	0	L	0
24b9	Circled Latin Capital Letter D	So	0	L	0
24ba	Circled Latin Capital Letter E	So	0	L	0
24bb	Circled Latin Capital Letter F	So	0	L	0
24bc	Circled Latin Capital Letter G	So	0	L	0
24bd	Circled Latin Capital Letter H	So	0	L	0
24be	Circled Latin Capital Letter I	So	0	L	0
24bf	Circled Latin Capital Letter J	So	0	L	0
24c0	Circled Latin Capital Letter K	So	0	L	0
24c1	Circled Latin Capital Letter L	So	0	L	0
24c2	Circled Latin Capital Letter M	So	0	L	0
24c3	Circled Latin Capital Letter N	So	0	L	0
24c4	Circled Latin Capital Letter O	So	0	L	0
24c5	Circled Latin Capital Letter P	So	0	L	0
24c6	Circled Latin Capital Letter Q	So	0	L	0
24c7	Circled Latin Capital Letter R	So	0	L	0
24c8	Circled Latin Capital Letter S	So	0	L	0
24c9	Circled Latin Capital Letter T	So	0	L	0
24ca	Circled Latin Capital Letter U	So	0	L	0
24cb	Circled Latin Capital Letter V	So	0	L	0
24cc	Circled Latin Capital Letter W	So	0	L	0
24cd	Circled Latin Capital Letter X	So	0	L	0
24ce	Circled Latin Capital Letter Y	So	0	L	0
24cf	Circled Latin Capital Letter Z	So	0	L	0
24d0	Circled Latin Small Letter A	So	0	L	0
24d1	Circled Latin Small Letter B	So	0	L	0
24d2	Circled Latin Small Letter C	So	0	L	0
24d3	Circled Latin Small Letter D	So	0	L	0
24d4	Circled Latin Small Letter E	So	0	L	0
24d5	Circled Latin Small Letter F	So	0	L	0
24d6	Circled Latin Small Letter G	So	0	L	0
24d7	Circled Latin Small Letter H	So	0	L	0
24d8	Circled Latin Small Letter I	So	0	L	0
24d9	Circled Latin Small Letter J	So	0	L	0
24da	Circled Latin Small Letter K	So	0	L	0
24db	Circled Latin Small Letter L	So	0	L	0
24dc	Circled Latin Small Letter M	So	0	L	0
24dd	Circled Latin Small Letter N	So	0	L	0
24de	Circled Latin Small Letter O	So	0	L	0
24df	Circled Latin Small Letter P	So	0	L	0
24e0	Circled Latin Small Letter Q	So	0	L	0
24e1	Circled Latin Small Letter R	So	0	L	0
24e2	Circled Latin Small Letter S	So	0	L	0
24e3	Circled Latin Small Letter T	So	0	L	0
24e4	Circled Latin Small Letter U	So	0	L	0
24e5	Circled Latin Small Letter V	So	0	L	0
24e6	Circled Latin Small Letter W	So	0	L	0
24e7	Circled Latin Small Letter X	So	0	L	0
24e8	Circled Latin Small Letter Y	So	0	L	0
24e9	Circled Latin Small Letter Z	So	0	L	0
24ea	Circled Digit Zero	No	0	EN	0
24eb	Negative Circled Number Eleven	No	0	ON	
24ec	Negative Circled Number Twelve	No	0	ON	
24ed	Negative Circled Number Thirteen	No	0	ON	
24ee	Negative Circled Number Fourteen	No	0	ON	
24ef	Negative Circled Number Fifteen	No	0	ON	
24f0	Negative Circled Number Sixteen	No	0	ON	
24f1	Negative Circled Number Seventeen	No	0	ON	
24f2	Negative Circled Number Eighteen	No	0	ON	
24f3	Negative Circled Number Nineteen	No	0	ON	
24f4	Negative Circled Number Twenty	No	0	ON	
24f5	Double Circled Digit One	No	0	ON	
24f6	Double Circled Digit Two	No	0	ON	
24f7	Double Circled Digit Three	No	0	ON	
24f8	Double Circled Digit Four	No	0	ON	
24f9	Double Circled Digit Five	No	0	ON	
24fa	Double Circled Digit Six	No	0	ON	
24fb	Double Circled Digit Seven	No	0	ON	
24fc	Double Circled Digit Eight	No	0	ON	
24fd	Double Circled Digit Nine	No	0	ON	
24fe	Double Circled Number Ten	No	0	ON	

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Box Drawing (2500 to 257F)
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Hex	Character	Gen	Cmb	Bid	Map
2500	Box Drawings Light Horiz	So	0	ON	
2501	Box Drawings Heavy Horiz	So	0	ON	
2502	Box Drawings Light Vert	So	0	ON	
2503	Box Drawings Heavy Vert	So	0	ON	

2504	Box Drawings Light Triple Dash Horiz	So 0	ON
2505	Box Drawings Heavy Triple Dash Horiz	So 0	ON
2506	Box Drawings Light Triple Dash Vert	So 0	ON
2507	Box Drawings Heavy Triple Dash Vert	So 0	ON
2508	Box Drawings Light Quadruple Dash Horiz	So 0	ON
2509	Box Drawings Heavy Quadruple Dash Horiz	So 0	ON
250a	Box Drawings Light Quadruple Dash Vert	So 0	ON
250b	Box Drawings Heavy Quadruple Dash Vert	So 0	ON
250c	Box Drawings Light Down & R	So 0	ON
250d	Box Drawings Down Light & R Heavy	So 0	ON
250e	Box Drawings Down Heavy & R Light	So 0	ON
250f	Box Drawings Heavy Down & R	So 0	ON
2510	Box Drawings Light Down & L	So 0	ON
2511	Box Drawings Down Light & L Heavy	So 0	ON
2512	Box Drawings Down Heavy & L Light	So 0	ON
2513	Box Drawings Heavy Down & L	So 0	ON
2514	Box Drawings Light Up & R	So 0	ON
2515	Box Drawings Up Light & R Heavy	So 0	ON
2516	Box Drawings Up Heavy & R Light	So 0	ON
2517	Box Drawings Heavy Up & R	So 0	ON
2518	Box Drawings Light Up & L	So 0	ON
2519	Box Drawings Up Light & L Heavy	So 0	ON
251a	Box Drawings Up Heavy & L Light	So 0	ON
251b	Box Drawings Heavy Up & L	So 0	ON
251c	Box Drawings Light Vert & R	So 0	ON
251d	Box Drawings Vert Light & R Heavy	So 0	ON
251e	Box Drawings Up Heavy & R Down Light	So 0	ON
251f	Box Drawings Down Heavy & R Up Light	So 0	ON
2520	Box Drawings Vert Heavy & R Light	So 0	ON
2521	Box Drawings Down Light & R Up Heavy	So 0	ON
2522	Box Drawings Up Light & R Down Heavy	So 0	ON
2523	Box Drawings Heavy Vert & R	So 0	ON
2524	Box Drawings Light Vert & L	So 0	ON
2525	Box Drawings Vert Light & L Heavy	So 0	ON
2526	Box Drawings Up Heavy & L Down Light	So 0	ON
2527	Box Drawings Down Heavy & L Up Light	So 0	ON
2528	Box Drawings Vert Heavy & L Light	So 0	ON
2529	Box Drawings Down Light & L Up Heavy	So 0	ON
252a	Box Drawings Up Light & L Down Heavy	So 0	ON
252b	Box Drawings Heavy Vert & L	So 0	ON
252c	Box Drawings Light Down & Horiz	So 0	ON
252d	Box Drawings L Heavy & R Down Light	So 0	ON
252e	Box Drawings R Heavy & L Down Light	So 0	ON
252f	Box Drawings Down Light & Horiz Heavy	So 0	ON
2530	Box Drawings Down Heavy & Horiz Light	So 0	ON
2531	Box Drawings R Light & L Down Heavy	So 0	ON
2532	Box Drawings L Light & R Down Heavy	So 0	ON
2533	Box Drawings Heavy Down & Horiz	So 0	ON
2534	Box Drawings Light Up & Horiz	So 0	ON
2535	Box Drawings L Heavy & R Up Light	So 0	ON
2536	Box Drawings R Heavy & L Up Light	So 0	ON
2537	Box Drawings Up Light & Horiz Heavy	So 0	ON
2538	Box Drawings Up Heavy & Horiz Light	So 0	ON
2539	Box Drawings R Light & L Up Heavy	So 0	ON
253a	Box Drawings L Light & R Up Heavy	So 0	ON
253b	Box Drawings Heavy Up & Horiz	So 0	ON
253c	Box Drawings Light Vert & Horiz	So 0	ON
253d	Box Drawings L Heavy & R Vert Light	So 0	ON
253e	Box Drawings R Heavy & L Vert Light	So 0	ON
253f	Box Drawings Vert Light & Horiz Heavy	So 0	ON
2540	Box Drawings Up Heavy & Down Horiz Light	So 0	ON
2541	Box Drawings Down Heavy & Up Horiz Light	So 0	ON
2542	Box Drawings Vert Heavy & Horiz Light	So 0	ON
2543	Box Drawings L Up Heavy & R Down Light	So 0	ON
2544	Box Drawings R Up Heavy & L Down Light	So 0	ON
2545	Box Drawings L Down Heavy & R Up Light	So 0	ON
2546	Box Drawings R Down Heavy & L Up Light	So 0	ON
2547	Box Drawings Down Light & Up Horiz Heavy	So 0	ON
2548	Box Drawings Up Light & Down Horiz Heavy	So 0	ON
2549	Box Drawings R Light & L Vert Heavy	So 0	ON
254a	Box Drawings L Light & R Vert Heavy	So 0	ON
254b	Box Drawings Heavy Vert & Horiz	So 0	ON
254c	Box Drawings Light Double Dash Horiz	So 0	ON
254d	Box Drawings Heavy Double Dash Horiz	So 0	ON
254e	Box Drawings Light Double Dash Vert	So 0	ON
254f	Box Drawings Heavy Double Dash Vert	So 0	ON
2550	Box Drawings Double Horiz	So 0	ON
2551	Box Drawings Double Vert	So 0	ON
2552	Box Drawings Down Single & R Double	So 0	ON
2553	Box Drawings Down Double & R Single	So 0	ON
2554	Box Drawings Double Down & R	So 0	ON
2555	Box Drawings Down Single & L Double	So 0	ON
2556	Box Drawings Down Double & L Single	So 0	ON
2557	Box Drawings Double Down & L	So 0	ON
2558	Box Drawings Up Single & R Double	So 0	ON
2559	Box Drawings Up Double & R Single	So 0	ON
255a	Box Drawings Double Up & R	So 0	ON
255b	Box Drawings Up Single & L Double	So 0	ON
255c	Box Drawings Up Double & L Single	So 0	ON

255d	Box Drawings Double Up & L	So	0	ON
255e	Box Drawings Vert Single & R Double	So	0	ON
255f	Box Drawings Vert Double & R Single	So	0	ON
2560	Box Drawings Double Vert & R	So	0	ON
2561	Box Drawings Vert Single & L Double	So	0	ON
2562	Box Drawings Vert Double & L Single	So	0	ON
2563	Box Drawings Double Vert & L	So	0	ON
2564	Box Drawings Down Single & Horiz Double	So	0	ON
2565	Box Drawings Down Double & Horiz Single	So	0	ON
2566	Box Drawings Double Down & Horiz	So	0	ON
2567	Box Drawings Up Single & Horiz Double	So	0	ON
2568	Box Drawings Up Double & Horiz Single	So	0	ON
2569	Box Drawings Double Up & Horiz	So	0	ON
256a	Box Drawings Vert Single & Horiz Double	So	0	ON
256b	Box Drawings Vert Double & Horiz Single	So	0	ON
256c	Box Drawings Double Vert & Horiz	So	0	ON
256d	Box Drawings Light Arc Down & R	So	0	ON
256e	Box Drawings Light Arc Down & L	So	0	ON
256f	Box Drawings Light Arc Up & L	So	0	ON
2570	Box Drawings Light Arc Up & R	So	0	ON
2571	Box Drawings Light Diagonal Upper R to Lower L	So	0	ON
2572	Box Drawings Light Diagonal Upper L to Lower R	So	0	ON
2573	Box Drawings Light Diagonal Cross	So	0	ON
2574	Box Drawings Light L	So	0	ON
2575	Box Drawings Light Up	So	0	ON
2576	Box Drawings Light R	So	0	ON
2577	Box Drawings Light Down	So	0	ON
2578	Box Drawings Heavy L	So	0	ON
2579	Box Drawings Heavy Up	So	0	ON
257a	Box Drawings Heavy R	So	0	ON
257b	Box Drawings Heavy Down	So	0	ON
257c	Box Drawings Light L & Heavy R	So	0	ON
257d	Box Drawings Light Up & Heavy Down	So	0	ON
257e	Box Drawings Heavy L & Light R	So	0	ON
257f	Box Drawings Heavy Up & Light Down	So	0	ON

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Block Elements (2580 to 259F)
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Hex	Character	Gen	Cmb	Bid	Map
2580	Upper Half Block	So	0	ON	
2581	Lower One Eighth Block	So	0	ON	
2582	Lower One Quarter Block	So	0	ON	
2583	Lower Three Eighths Block	So	0	ON	
2584	Lower Half Block	So	0	ON	
2585	Lower Five Eighths Block	So	0	ON	
2586	Lower Three Quarters Block	So	0	ON	
2587	Lower Seven Eighths Block	So	0	ON	
2588	Full Block	So	0	ON	
2589	L Seven Eighths Block	So	0	ON	
258a	L Three Quarters Block	So	0	ON	
258b	L Five Eighths Block	So	0	ON	
258c	L Half Block	So	0	ON	
258d	L Three Eighths Block	So	0	ON	
258e	L One Quarter Block	So	0	ON	
258f	L One Eighth Block	So	0	ON	
2590	R Half Block	So	0	ON	
2591	Light Shade	So	0	ON	
2592	Medium Shade	So	0	ON	
2593	Dark Shade	So	0	ON	
2594	Upper One Eighth Block	So	0	ON	
2595	R One Eighth Block	So	0	ON	
2596	Quadrant Lower L	So	0	ON	
2597	Quadrant Lower R	So	0	ON	
2598	Quadrant Upper L	So	0	ON	
2599	Quadrant Upper L & Lower L & Lower R	So	0	ON	
259a	Quadrant Upper L & Lower R	So	0	ON	
259b	Quadrant Upper L & Upper R & Lower L	So	0	ON	
259c	Quadrant Upper L & Upper R & Lower R	So	0	ON	
259d	Quadrant Upper R	So	0	ON	
259e	Quadrant Upper R & Lower L	So	0	ON	
259f	Quadrant Upper R & Lower L & Lower R	So	0	ON	

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Geometric Shapes (25A0 to 25FF)
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Hex	Character	Gen	Cmb	Bid	Map
25a0	Black Square	So	0	ON	
25a1	White Square	So	0	ON	
25a2	White Square w Rounded Corners	So	0	ON	
25a3	White Square Containing Black Small Square	So	0	ON	
25a4	Square w Horiz Fill	So	0	ON	
25a5	Square w Vert Fill	So	0	ON	
25a6	Square w Orthogonal Crosshatch Fill	So	0	ON	
25a7	Square w Upper L to Lower R Fill	So	0	ON	
25a8	Square w Upper R to Lower L Fill	So	0	ON	
25a9	Square w Diagonal Crosshatch Fill	So	0	ON	
25aa	Black Small Square	So	0	ON	
25ab	White Small Square	So	0	ON	
25ac	Black Rectangle	So	0	ON	
25ad	White Rectangle	So	0	ON	
25ae	Black Vert Rectangle	So	0	ON	

25af	White Vert Rectangle	So	0	ON
25b0	Black Parallelogram	So	0	ON
25b1	White Parallelogram	So	0	ON
25b2	Black Up-Pointing Triangle	So	0	ON
25b3	White Up-Pointing Triangle	So	0	ON
25b4	Black Up-Pointing Small Triangle	So	0	ON
25b5	White Up-Pointing Small Triangle	So	0	ON
25b6	Black Right-Pointing Triangle	So	0	ON
25b7	White Right-Pointing Triangle	Sm	0	ON
25b8	Black Right-Pointing Small Triangle	So	0	ON
25b9	White Right-Pointing Small Triangle	So	0	ON
25ba	Black Right-Pointing Pointer	So	0	ON
25bb	White Right-Pointing Pointer	So	0	ON
25bc	Black Down-Pointing Triangle	So	0	ON
25bd	White Down-Pointing Triangle	So	0	ON
25be	Black Down-Pointing Small Triangle	So	0	ON
25bf	White Down-Pointing Small Triangle	So	0	ON
25c0	Black Left-Pointing Triangle	So	0	ON
25c1	White Left-Pointing Triangle	Sm	0	ON
25c2	Black Left-Pointing Small Triangle	So	0	ON
25c3	White Left-Pointing Small Triangle	So	0	ON
25c4	Black Left-Pointing Pointer	So	0	ON
25c5	White Left-Pointing Pointer	So	0	ON
25c6	Black Diamond	So	0	ON
25c7	White Diamond	So	0	ON
25c8	White Diamond Containing Black Small Diamond	So	0	ON
25c9	Fisheye	So	0	ON
25ca	Lozenge	So	0	ON
25cb	White Circle	So	0	ON
25cc	Dotted Circle	So	0	ON
25cd	Circle w Vert Fill	So	0	ON
25ce	Bullseye	So	0	ON
25cf	Black Circle	So	0	ON
25d0	Circle w L Half Black	So	0	ON
25d1	Circle w R Half Black	So	0	ON
25d2	Circle w Lower Half Black	So	0	ON
25d3	Circle w Upper Half Black	So	0	ON
25d4	Circle w Upper R Quadrant Black	So	0	ON
25d5	Circle w All but Upper L Quadrant Black	So	0	ON
25d6	L Half Black Circle	So	0	ON
25d7	R Half Black Circle	So	0	ON
25d8	Inverse Bullet	So	0	ON
25d9	Inverse White Circle	So	0	ON
25da	Upper Half Inverse White Circle	So	0	ON
25db	Lower Half Inverse White Circle	So	0	ON
25dc	Upper L Quadrant Circular Arc	So	0	ON
25dd	Upper R Quadrant Circular Arc	So	0	ON
25de	Lower R Quadrant Circular Arc	So	0	ON
25df	Lower L Quadrant Circular Arc	So	0	ON
25e0	Upper Half Circle	So	0	ON
25e1	Lower Half Circle	So	0	ON
25e2	Black Lower R Triangle	So	0	ON
25e3	Black Lower L Triangle	So	0	ON
25e4	Black Upper L Triangle	So	0	ON
25e5	Black Upper R Triangle	So	0	ON
25e6	White Bullet	So	0	ON
25e7	Square w L Half Black	So	0	ON
25e8	Square w R Half Black	So	0	ON
25e9	Square w Upper L Diagonal Half Black	So	0	ON
25ea	Square w Lower R Diagonal Half Black	So	0	ON
25eb	White Square w Vert Bisecting Line	So	0	ON
25ec	White Up-Pointing Triangle w Dot	So	0	ON
25ed	Up-Pointing Triangle w L Half Black	So	0	ON
25ee	Up-Pointing Triangle w R Half Black	So	0	ON
25ef	Large Circle	So	0	ON
25f0	White Square w Upper L Quadrant	So	0	ON
25f1	White Square w Lower L Quadrant	So	0	ON
25f2	White Square w Lower R Quadrant	So	0	ON
25f3	White Square w Upper R Quadrant	So	0	ON
25f4	White Circle w Upper L Quadrant	So	0	ON
25f5	White Circle w Lower L Quadrant	So	0	ON
25f6	White Circle w Lower R Quadrant	So	0	ON
25f7	White Circle w Upper R Quadrant	So	0	ON
25f8	Upper L Triangle	Sm	0	ON
25f9	Upper R Triangle	Sm	0	ON
25fa	Lower L Triangle	Sm	0	ON
25fb	White Medium Square	Sm	0	ON
25fc	Black Medium Square	Sm	0	ON
25fd	White Medium Small Square	Sm	0	ON
25fe	Black Medium Small Square	Sm	0	ON
25ff	Lower R Triangle	Sm	0	ON

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Miscellaneous Symbols (2600 to 26FF)
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Hex	Character	Gen	Cmb	Bid	Map
2600	Black Sun w Rays	So	0	ON	
2601	Cloud	So	0	ON	
2602	Umbrella	So	0	ON	
2603	Snowman	So	0	ON	
2604	Comet	So	0	ON	
2605	Black Star	So	0	ON	
2606	White Star	So	0	ON	
2607	Lightning	So	0	ON	
2608	Thunderstorm	So	0	ON	
2609	Sun	So	0	ON	
260a	Ascending Node	So	0	ON	
260b	Descending Node	So	0	ON	
260c	Conjunction	So	0	ON	
260d	Opposition	So	0	ON	
260e	Black Telephone	So	0	ON	

260f	White Telephone	So	0	ON
2610	Ballot Box	So	0	ON
2611	Ballot Box w Check	So	0	ON
2612	Ballot Box w X	So	0	ON
2613	Saltire	So	0	ON
2616	White Shogi Piece	So	0	ON
2617	Black Shogi Piece	So	0	ON
2619	Reversed Rotated Floral Heart Bullet	So	0	ON
261a	Black L Pointing Index	So	0	ON
261b	Black R Pointing Index	So	0	ON
261c	White L Pointing Index	So	0	ON
261d	White Up Pointing Index	So	0	ON
261e	White R Pointing Index	So	0	ON
261f	White Down Pointing Index	So	0	ON
2620	Skull & Crossbones	So	0	ON
2621	Caution Sign	So	0	ON
2622	Radioactive Sign	So	0	ON
2623	Biohazard Sign	So	0	ON
2624	Caduceus	So	0	ON
2625	Ankh	So	0	ON
2626	Orthodox Cross	So	0	ON
2627	Chi Rho	So	0	ON
2628	Cross of Lorraine	So	0	ON
2629	Cross of Jerusalem	So	0	ON
262a	Star & Crescent	So	0	ON
262b	Farsi Symbol	So	0	ON
262c	Adi Shakti	So	0	ON
262d	Hammer & Sickle	So	0	ON
262e	Peace Symbol	So	0	ON
262f	Yin Yang	So	0	ON
2630	Trigram For Heaven	So	0	ON
2631	Trigram For Lake	So	0	ON
2632	Trigram For Fire	So	0	ON
2633	Trigram For Thunder	So	0	ON
2634	Trigram For Wind	So	0	ON
2635	Trigram For Water	So	0	ON
2636	Trigram For Mountain	So	0	ON
2637	Trigram For Earth	So	0	ON
2638	Wheel of Dharma	So	0	ON
2639	White Frowning Face	So	0	ON
263a	White Smiling Face	So	0	ON
263b	Black Smiling Face	So	0	ON
263c	White Sun w Rays	So	0	ON
263d	First Quarter Moon	So	0	ON
263e	Last Quarter Moon	So	0	ON
263f	Mercury	So	0	ON
2640	Female Sign	So	0	ON
2641	Earth	So	0	ON
2642	Male Sign	So	0	ON
2643	Jupiter	So	0	ON
2644	Saturn	So	0	ON
2645	Uranus	So	0	ON
2646	Neptune	So	0	ON
2647	Pluto	So	0	ON
2648	Aries	So	0	ON
2649	Taurus	So	0	ON
264a	Gemini	So	0	ON
264b	Cancer	So	0	ON
264c	Leo	So	0	ON
264d	Virgo	So	0	ON
264e	Libra	So	0	ON
264f	Scorpius	So	0	ON
2650	Sagittarius	So	0	ON
2651	Capricorn	So	0	ON
2652	Aquarius	So	0	ON
2653	Pisces	So	0	ON
2654	White Chess King	So	0	ON
2655	White Chess Queen	So	0	ON
2656	White Chess Rook	So	0	ON
2657	White Chess Bishop	So	0	ON
2658	White Chess Knight	So	0	ON
2659	White Chess Pawn	So	0	ON
265a	Black Chess King	So	0	ON
265b	Black Chess Queen	So	0	ON
265c	Black Chess Rook	So	0	ON
265d	Black Chess Bishop	So	0	ON
265e	Black Chess Knight	So	0	ON
265f	Black Chess Pawn	So	0	ON
2660	Black Spade Suit	So	0	ON
2661	White Heart Suit	So	0	ON
2662	White Diamond Suit	So	0	ON
2663	Black Club Suit	So	0	ON
2664	White Spade Suit	So	0	ON
2665	Black Heart Suit	So	0	ON
2666	Black Diamond Suit	So	0	ON
2667	White Club Suit	So	0	ON
2668	Hot Springs	So	0	ON
2669	Quarter Note	So	0	ON
266a	Eighth Note	So	0	ON
266b	Beamed Eighth Notes	So	0	ON
266c	Beamed Sixteenth Notes	So	0	ON
266d	Music Flat Sign	So	0	ON
266e	Music Natural Sign	So	0	ON
266f	Music Sharp Sign	Sm	0	ON
2670	West Syriac Cross	So	0	ON
2671	East Syriac Cross	So	0	ON
2672	Universal Recycling Symbol	So	0	ON
2673	Recycling Symbol For Type-1 Plastics	So	0	ON
2674	Recycling Symbol For Type-2 Plastics	So	0	ON
2675	Recycling Symbol For Type-3 Plastics	So	0	ON
2676	Recycling Symbol For Type-4 Plastics	So	0	ON
2677	Recycling Symbol For Type-5 Plastics	So	0	ON
2678	Recycling Symbol For Type-6 Plastics	So	0	ON

2679	Recycling Symbol For Type-7 Plastics	So	0	ON
267a	Recycling Symbol For Generic Materials	So	0	ON
267b	Black Universal Recycling Symbol	So	0	ON
267c	Recycled Paper Symbol	So	0	ON
267d	Partially-Recycled Paper Symbol	So	0	ON
2680	Die Face-1	So	0	ON
2681	Die Face-2	So	0	ON
2682	Die Face-3	So	0	ON
2683	Die Face-4	So	0	ON
2684	Die Face-5	So	0	ON
2685	Die Face-6	So	0	ON
2686	White Circle w Dot R	So	0	ON
2687	White Circle w Two Dots	So	0	ON
2688	Black Circle w White Dot R	So	0	ON
2689	Black Circle w Two White Dots	So	0	ON

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Dingbats (2700 to 27BF)
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Hex	Character	Gen	Cmb	Bid	Map
2701	Upper Blade Scissors	So	0	ON	
2702	Black Scissors	So	0	ON	
2703	Lower Blade Scissors	So	0	ON	
2704	White Scissors	So	0	ON	
2706	Telephone Location Sign	So	0	ON	
2707	Tape Drive	So	0	ON	
2708	Airplane	So	0	ON	
2709	Envelope	So	0	ON	
270c	Victory Hand	So	0	ON	
270d	Writing Hand	So	0	ON	
270e	Lower R Pencil	So	0	ON	
270f	Pencil	So	0	ON	
2710	Upper R Pencil	So	0	ON	
2711	White Nib	So	0	ON	
2712	Black Nib	So	0	ON	
2713	Check Mark	So	0	ON	
2714	Heavy Check Mark	So	0	ON	
2715	Multiplication X	So	0	ON	
2716	Heavy Multiplication X	So	0	ON	
2717	Ballot X	So	0	ON	
2718	Heavy Ballot X	So	0	ON	
2719	Outlined Greek Cross	So	0	ON	
271a	Heavy Greek Cross	So	0	ON	
271b	Open Centre Cross	So	0	ON	
271c	Heavy Open Centre Cross	So	0	ON	
271d	Latin Cross	So	0	ON	
271e	Shadowed White Latin Cross	So	0	ON	
271f	Outlined Latin Cross	So	0	ON	
2720	Maltese Cross	So	0	ON	
2721	Star of David	So	0	ON	
2722	Four Teardrop-Spoked Asterisk	So	0	ON	
2723	Four Balloon-Spoked Asterisk	So	0	ON	
2724	Heavy Four Balloon-Spoked Asterisk	So	0	ON	
2725	Four Club-Spoked Asterisk	So	0	ON	
2726	Black Four Pointed Star	So	0	ON	
2727	White Four Pointed Star	So	0	ON	
2729	Stress Outlined White Star	So	0	ON	
272a	Circled White Star	So	0	ON	
272b	Open Centre Black Star	So	0	ON	
272c	Black Centre White Star	So	0	ON	
272d	Outlined Black Star	So	0	ON	
272e	Heavy Outlined Black Star	So	0	ON	
272f	Pinwheel Star	So	0	ON	
2730	Shadowed White Star	So	0	ON	
2731	Heavy Asterisk	So	0	ON	
2732	Open Centre Asterisk	So	0	ON	
2733	Eight Spoked Asterisk	So	0	ON	
2734	Eight Pointed Black Star	So	0	ON	
2735	Eight Pointed Pinwheel Star	So	0	ON	
2736	Six Pointed Black Star	So	0	ON	
2737	Eight Pointed Rectilinear Black Star	So	0	ON	
2738	Heavy Eight Pointed Rectilinear Black Star	So	0	ON	
2739	Twelve Pointed Black Star	So	0	ON	
273a	Sixteen Pointed Asterisk	So	0	ON	
273b	Teardrop-Spoked Asterisk	So	0	ON	
273c	Open Centre Teardrop-Spoked Asterisk	So	0	ON	
273d	Heavy Teardrop-Spoked Asterisk	So	0	ON	
273e	Six Petalled Black & White Florette	So	0	ON	
273f	Black Florette	So	0	ON	
2740	White Florette	So	0	ON	
2741	Eight Petalled Outlined Black Florette	So	0	ON	
2742	Circled Open Centre Eight Pointed Star	So	0	ON	
2743	Heavy Teardrop-Spoked Pinwheel Asterisk	So	0	ON	
2744	Snowflake	So	0	ON	
2745	Tight Trifoliate Snowflake	So	0	ON	
2746	Heavy Chevron Snowflake	So	0	ON	
2747	Sparkle	So	0	ON	
2748	Heavy Sparkle	So	0	ON	
2749	Balloon-Spoked Asterisk	So	0	ON	
274a	Eight Teardrop-Spoked Propeller Asterisk	So	0	ON	
274b	Heavy Eight Teardrop-Spoked Propeller Asterisk	So	0	ON	
274d	Shadowed White Circle	So	0	ON	
274f	Lower R Drop-Shadowed White Square	So	0	ON	
2750	Upper R Drop-Shadowed White Square	So	0	ON	
2751	Lower R Shadowed White Square	So	0	ON	
2752	Upper R Shadowed White Square	So	0	ON	
2756	Black Diamond Minus White X	So	0	ON	
2758	Light Vert Bar	So	0	ON	
2759	Medium Vert Bar	So	0	ON	
275a	Heavy Vert Bar	So	0	ON	
275b	Heavy Single Turned Comma Quotation Mark Ornament	So	0	ON	

275c	Heavy Single Comma Quotation Mark Ornament	So	0	ON
275d	Heavy Double Turned Comma Quotation Mark Ornament	So	0	ON
275e	Heavy Double Comma Quotation Mark Ornament	So	0	ON
2761	Curved Stem Paragraph Sign Ornament	So	0	ON
2762	Heavy Exclamation Mark Ornament	So	0	ON
2763	Heavy Heart Exclamation Mark Ornament	So	0	ON
2764	Heavy Black Heart	So	0	ON
2765	Rotated Heavy Black Heart Bullet	So	0	ON
2766	Floral Heart	So	0	ON
2767	Rotated Floral Heart Bullet	So	0	ON
2768	Medium L Parenthesis Ornament	Ps	0	ON
2769	Medium R Parenthesis Ornament	Pe	0	ON
276a	Medium Flattened L Parenthesis Ornament	Ps	0	ON
276b	Medium Flattened R Parenthesis Ornament	Pe	0	ON
276c	Medium Left-Pointing Angle Bracket Ornament	Ps	0	ON
276d	Medium Right-Pointing Angle Bracket Ornament	Pe	0	ON
276e	Heavy Left-Pointing Angle Quotation Mark Ornament	Ps	0	ON
276f	Heavy Right-Pointing Angle Quotation Mark Ornament	Pe	0	ON
2770	Heavy Left-Pointing Angle Bracket Ornament	Ps	0	ON
2771	Heavy Right-Pointing Angle Bracket Ornament	Pe	0	ON
2772	Light L Tortoise Shell Bracket Ornament	Ps	0	ON
2773	Light R Tortoise Shell Bracket Ornament	Pe	0	ON
2774	Medium L Curly Bracket Ornament	Ps	0	ON
2775	Medium R Curly Bracket Ornament	Pe	0	ON
2776	Dingbat Negative Circled Digit One	No	0	ON
2777	Dingbat Negative Circled Digit Two	No	0	ON
2778	Dingbat Negative Circled Digit Three	No	0	ON
2779	Dingbat Negative Circled Digit Four	No	0	ON
277a	Dingbat Negative Circled Digit Five	No	0	ON
277b	Dingbat Negative Circled Digit Six	No	0	ON
277c	Dingbat Negative Circled Digit Seven	No	0	ON
277d	Dingbat Negative Circled Digit Eight	No	0	ON
277e	Dingbat Negative Circled Digit Nine	No	0	ON
277f	Dingbat Negative Circled Number Ten	No	0	ON
2780	Dingbat Circled Sans-Serif Digit One	No	0	ON
2781	Dingbat Circled Sans-Serif Digit Two	No	0	ON
2782	Dingbat Circled Sans-Serif Digit Three	No	0	ON
2783	Dingbat Circled Sans-Serif Digit Four	No	0	ON
2784	Dingbat Circled Sans-Serif Digit Five	No	0	ON
2785	Dingbat Circled Sans-Serif Digit Six	No	0	ON
2786	Dingbat Circled Sans-Serif Digit Seven	No	0	ON
2787	Dingbat Circled Sans-Serif Digit Eight	No	0	ON
2788	Dingbat Circled Sans-Serif Digit Nine	No	0	ON
2789	Dingbat Circled Sans-Serif Number Ten	No	0	ON
278a	Dingbat Negative Circled Sans-Serif Digit One	No	0	ON
278b	Dingbat Negative Circled Sans-Serif Digit Two	No	0	ON
278c	Dingbat Negative Circled Sans-Serif Digit Three	No	0	ON
278d	Dingbat Negative Circled Sans-Serif Digit Four	No	0	ON
278e	Dingbat Negative Circled Sans-Serif Digit Five	No	0	ON
278f	Dingbat Negative Circled Sans-Serif Digit Six	No	0	ON
2790	Dingbat Negative Circled Sans-Serif Digit Seven	No	0	ON
2791	Dingbat Negative Circled Sans-Serif Digit Eight	No	0	ON
2792	Dingbat Negative Circled Sans-Serif Digit Nine	No	0	ON
2793	Dingbat Negative Circled Sans-Serif Number Ten	No	0	ON
2794	Heavy Wide-Headed R Arrow	So	0	ON
2798	Heavy South East Arrow	So	0	ON
2799	Heavy R Arrow	So	0	ON
279a	Heavy North East Arrow	So	0	ON
279b	Drafting Point R Arrow	So	0	ON
279c	Heavy Round-Tipped R Arrow	So	0	ON
279d	Triangle-Headed R Arrow	So	0	ON
279e	Heavy Triangle-Headed R Arrow	So	0	ON
279f	Dashed Triangle-Headed R Arrow	So	0	ON
27a0	Heavy Dashed Triangle-Headed R Arrow	So	0	ON
27a1	Black R Arrow	So	0	ON
27a2	Three-D Top-Lighted R Arrowhead	So	0	ON
27a3	Three-D Bottom-Lighted R Arrowhead	So	0	ON
27a4	Black R Arrowhead	So	0	ON
27a5	Heavy Black Curved Downwards & R Arrow	So	0	ON
27a6	Heavy Black Curved Upwards & R Arrow	So	0	ON
27a7	Squat Black R Arrow	So	0	ON
27a8	Heavy Concave-Pointed Black R Arrow	So	0	ON
27a9	Right-Shaded White R Arrow	So	0	ON
27aa	Left-Shaded White R Arrow	So	0	ON
27ab	Back-Tilted Shadowed White R Arrow	So	0	ON
27ac	Front-Tilted Shadowed White R Arrow	So	0	ON
27ad	Heavy Lower Right-Shadowed White R Arrow	So	0	ON
27ae	Heavy Upper Right-Shadowed White R Arrow	So	0	ON
27af	Notched Lower Right-Shadowed White R Arrow	So	0	ON
27b1	Notched Upper Right-Shadowed White R Arrow	So	0	ON
27b2	Circled Heavy White R Arrow	So	0	ON
27b3	White-Feathered R Arrow	So	0	ON
27b4	Black-Feathered South East Arrow	So	0	ON
27b5	Black-Feathered R Arrow	So	0	ON
27b6	Black-Feathered North East Arrow	So	0	ON
27b7	Heavy Black-Feathered South East Arrow	So	0	ON
27b8	Heavy Black-Feathered R Arrow	So	0	ON
27b9	Heavy Black-Feathered North East Arrow	So	0	ON
27ba	Teardrop-Barbed R Arrow	So	0	ON
27bb	Heavy Teardrop-Shanked R Arrow	So	0	ON
27bc	Wedge-Tailed R Arrow	So	0	ON
27bd	Heavy Wedge-Tailed R Arrow	So	0	ON
27be	Open-Outlined R Arrow	So	0	ON

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Miscellaneous Mathematical Symbols-A (27C0 to 27EF)

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Hex	Character	Gen	Cmb	Bid	Map
27d0	White Diamond w Centred Dot	Sm	0	ON	
27d1	And w Dot	Sm	0	ON	

27d2	Element of Opening Upwards	Sm	0	ON
27d3	Lower R Corner w Dot	Sm	0	ON
27d4	Upper L Corner w Dot	Sm	0	ON
27d5	L Outer Join	Sm	0	ON
27d6	R Outer Join	Sm	0	ON
27d7	Full Outer Join	Sm	0	ON
27d8	Large Up Tack	Sm	0	ON
27d9	Large Down Tack	Sm	0	ON
27da	L & R Double Turnstile	Sm	0	ON
27db	L & R Tack	Sm	0	ON
27dc	L Multimap	Sm	0	ON
27dd	Long R Tack	Sm	0	ON
27de	Long L Tack	Sm	0	ON
27df	Up Tack w Circle Above	Sm	0	ON
27e0	Lozenge Divided by Horiz Rule	Sm	0	ON
27e1	White Concave-Sided Diamond	Sm	0	ON
27e2	White Concave-Sided Diamond w Leftwards Tick	Sm	0	ON
27e3	White Concave-Sided Diamond w R Tick	Sm	0	ON
27e4	White Square w Leftwards Tick	Sm	0	ON
27e5	White Square w R Tick	Sm	0	ON
27e6	L White Square Bracket	Ps	0	ON
27e7	R White Square Bracket	Pe	0	ON
27e8	L Angle Bracket	Ps	0	ON
27e9	R Angle Bracket	Pe	0	ON
27ea	L Double Angle Bracket	Ps	0	ON
27eb	R Double Angle Bracket	Pe	0	ON

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Supplemental Arrows-A (27F0 to 27FF)
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Hex	Character	Gen	Cmb	Bid	Map
27f0	Upwards Quadruple Arrow	Sm	0	ON	
27f1	Downwards Quadruple Arrow	Sm	0	ON	
27f2	Anticlockwise Gapped Circle Arrow	Sm	0	ON	
27f3	Clockwise Gapped Circle Arrow	Sm	0	ON	
27f4	R Arrow w Circled Plus	Sm	0	ON	
27f5	Long Leftwards Arrow	Sm	0	ON	
27f6	Long R Arrow	Sm	0	ON	
27f7	Long L R Arrow	Sm	0	ON	
27f8	Long Leftwards Double Arrow	Sm	0	ON	
27f9	Long R Double Arrow	Sm	0	ON	
27fa	Long L R Double Arrow	Sm	0	ON	
27fb	Long Leftwards Arrow From Bar	Sm	0	ON	
27fc	Long R Arrow From Bar	Sm	0	ON	
27fd	Long Leftwards Double Arrow From Bar	Sm	0	ON	
27fe	Long R Double Arrow From Bar	Sm	0	ON	
27ff	Long R Squiggle Arrow	Sm	0	ON	

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Braille Patterns (2800 to 28FF)
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Hex	Character	Gen	Cmb	Bid	Map
2800	Braille Pattern Blank	So	0	ON	
2801	Braille Pattern Dots-1	So	0	ON	
2802	Braille Pattern Dots-2	So	0	ON	
2803	Braille Pattern Dots-12	So	0	ON	
2804	Braille Pattern Dots-3	So	0	ON	
2805	Braille Pattern Dots-13	So	0	ON	
2806	Braille Pattern Dots-23	So	0	ON	
2807	Braille Pattern Dots-123	So	0	ON	
2808	Braille Pattern Dots-4	So	0	ON	
2809	Braille Pattern Dots-14	So	0	ON	
280a	Braille Pattern Dots-24	So	0	ON	
280b	Braille Pattern Dots-124	So	0	ON	
280c	Braille Pattern Dots-34	So	0	ON	
280d	Braille Pattern Dots-134	So	0	ON	
280e	Braille Pattern Dots-234	So	0	ON	
280f	Braille Pattern Dots-1234	So	0	ON	
2810	Braille Pattern Dots-5	So	0	ON	
2811	Braille Pattern Dots-15	So	0	ON	
2812	Braille Pattern Dots-25	So	0	ON	
2813	Braille Pattern Dots-125	So	0	ON	
2814	Braille Pattern Dots-35	So	0	ON	
2815	Braille Pattern Dots-135	So	0	ON	
2816	Braille Pattern Dots-235	So	0	ON	
2817	Braille Pattern Dots-1235	So	0	ON	
2818	Braille Pattern Dots-45	So	0	ON	
2819	Braille Pattern Dots-145	So	0	ON	
281a	Braille Pattern Dots-245	So	0	ON	
281b	Braille Pattern Dots-1245	So	0	ON	
281c	Braille Pattern Dots-345	So	0	ON	
281d	Braille Pattern Dots-1345	So	0	ON	
281e	Braille Pattern Dots-2345	So	0	ON	
281f	Braille Pattern Dots-12345	So	0	ON	
2820	Braille Pattern Dots-6	So	0	ON	
2821	Braille Pattern Dots-16	So	0	ON	
2822	Braille Pattern Dots-26	So	0	ON	
2823	Braille Pattern Dots-126	So	0	ON	
2824	Braille Pattern Dots-36	So	0	ON	
2825	Braille Pattern Dots-136	So	0	ON	
2826	Braille Pattern Dots-236	So	0	ON	
2827	Braille Pattern Dots-1236	So	0	ON	
2828	Braille Pattern Dots-46	So	0	ON	
2829	Braille Pattern Dots-146	So	0	ON	
282a	Braille Pattern Dots-246	So	0	ON	
282b	Braille Pattern Dots-1246	So	0	ON	
282c	Braille Pattern Dots-346	So	0	ON	

282d	Braille Pattern Dots-1346	So	0	ON
282e	Braille Pattern Dots-2346	So	0	ON
282f	Braille Pattern Dots-12346	So	0	ON
2830	Braille Pattern Dots-56	So	0	ON
2831	Braille Pattern Dots-156	So	0	ON
2832	Braille Pattern Dots-256	So	0	ON
2833	Braille Pattern Dots-1256	So	0	ON
2834	Braille Pattern Dots-356	So	0	ON
2835	Braille Pattern Dots-1356	So	0	ON
2836	Braille Pattern Dots-2356	So	0	ON
2837	Braille Pattern Dots-12356	So	0	ON
2838	Braille Pattern Dots-456	So	0	ON
2839	Braille Pattern Dots-1456	So	0	ON
283a	Braille Pattern Dots-2456	So	0	ON
283b	Braille Pattern Dots-12456	So	0	ON
283c	Braille Pattern Dots-3456	So	0	ON
283d	Braille Pattern Dots-13456	So	0	ON
283e	Braille Pattern Dots-23456	So	0	ON
283f	Braille Pattern Dots-123456	So	0	ON
2840	Braille Pattern Dots-7	So	0	ON
2841	Braille Pattern Dots-17	So	0	ON
2842	Braille Pattern Dots-27	So	0	ON
2843	Braille Pattern Dots-127	So	0	ON
2844	Braille Pattern Dots-37	So	0	ON
2845	Braille Pattern Dots-137	So	0	ON
2846	Braille Pattern Dots-237	So	0	ON
2847	Braille Pattern Dots-1237	So	0	ON
2848	Braille Pattern Dots-47	So	0	ON
2849	Braille Pattern Dots-147	So	0	ON
284a	Braille Pattern Dots-247	So	0	ON
284b	Braille Pattern Dots-1247	So	0	ON
284c	Braille Pattern Dots-347	So	0	ON
284d	Braille Pattern Dots-1347	So	0	ON
284e	Braille Pattern Dots-2347	So	0	ON
284f	Braille Pattern Dots-12347	So	0	ON
2850	Braille Pattern Dots-57	So	0	ON
2851	Braille Pattern Dots-157	So	0	ON
2852	Braille Pattern Dots-257	So	0	ON
2853	Braille Pattern Dots-1257	So	0	ON
2854	Braille Pattern Dots-357	So	0	ON
2855	Braille Pattern Dots-1357	So	0	ON
2856	Braille Pattern Dots-2357	So	0	ON
2857	Braille Pattern Dots-12357	So	0	ON
2858	Braille Pattern Dots-457	So	0	ON
2859	Braille Pattern Dots-1457	So	0	ON
285a	Braille Pattern Dots-2457	So	0	ON
285b	Braille Pattern Dots-12457	So	0	ON
285c	Braille Pattern Dots-3457	So	0	ON
285d	Braille Pattern Dots-13457	So	0	ON
285e	Braille Pattern Dots-23457	So	0	ON
285f	Braille Pattern Dots-123457	So	0	ON
2860	Braille Pattern Dots-67	So	0	ON
2861	Braille Pattern Dots-167	So	0	ON
2862	Braille Pattern Dots-267	So	0	ON
2863	Braille Pattern Dots-1267	So	0	ON
2864	Braille Pattern Dots-367	So	0	ON
2865	Braille Pattern Dots-1367	So	0	ON
2866	Braille Pattern Dots-2367	So	0	ON
2867	Braille Pattern Dots-12367	So	0	ON
2868	Braille Pattern Dots-467	So	0	ON
2869	Braille Pattern Dots-1467	So	0	ON
286a	Braille Pattern Dots-2467	So	0	ON
286b	Braille Pattern Dots-12467	So	0	ON
286c	Braille Pattern Dots-3467	So	0	ON
286d	Braille Pattern Dots-13467	So	0	ON
286e	Braille Pattern Dots-23467	So	0	ON
286f	Braille Pattern Dots-123467	So	0	ON
2870	Braille Pattern Dots-567	So	0	ON
2871	Braille Pattern Dots-1567	So	0	ON
2872	Braille Pattern Dots-2567	So	0	ON
2873	Braille Pattern Dots-12567	So	0	ON
2874	Braille Pattern Dots-3567	So	0	ON
2875	Braille Pattern Dots-13567	So	0	ON
2876	Braille Pattern Dots-23567	So	0	ON
2877	Braille Pattern Dots-123567	So	0	ON
2878	Braille Pattern Dots-4567	So	0	ON
2879	Braille Pattern Dots-14567	So	0	ON
287a	Braille Pattern Dots-24567	So	0	ON
287b	Braille Pattern Dots-124567	So	0	ON
287c	Braille Pattern Dots-34567	So	0	ON
287d	Braille Pattern Dots-134567	So	0	ON
287e	Braille Pattern Dots-234567	So	0	ON
287f	Braille Pattern Dots-1234567	So	0	ON
2880	Braille Pattern Dots-8	So	0	ON
2881	Braille Pattern Dots-18	So	0	ON
2882	Braille Pattern Dots-28	So	0	ON
2883	Braille Pattern Dots-128	So	0	ON
2884	Braille Pattern Dots-38	So	0	ON
2885	Braille Pattern Dots-138	So	0	ON
2886	Braille Pattern Dots-238	So	0	ON
2887	Braille Pattern Dots-1238	So	0	ON
2888	Braille Pattern Dots-48	So	0	ON
2889	Braille Pattern Dots-148	So	0	ON
288a	Braille Pattern Dots-248	So	0	ON
288b	Braille Pattern Dots-1248	So	0	ON
288c	Braille Pattern Dots-348	So	0	ON
288d	Braille Pattern Dots-1348	So	0	ON
288e	Braille Pattern Dots-2348	So	0	ON
288f	Braille Pattern Dots-12348	So	0	ON
2890	Braille Pattern Dots-58	So	0	ON
2891	Braille Pattern Dots-158	So	0	ON
2892	Braille Pattern Dots-258	So	0	ON
2893	Braille Pattern Dots-1258	So	0	ON
2894	Braille Pattern Dots-358	So	0	ON

2895	Braille Pattern Dots-1358	So	0	ON
2896	Braille Pattern Dots-2358	So	0	ON
2897	Braille Pattern Dots-12358	So	0	ON
2898	Braille Pattern Dots-458	So	0	ON
2899	Braille Pattern Dots-1458	So	0	ON
289a	Braille Pattern Dots-2458	So	0	ON
289b	Braille Pattern Dots-12458	So	0	ON
289c	Braille Pattern Dots-3458	So	0	ON
289d	Braille Pattern Dots-13458	So	0	ON
289e	Braille Pattern Dots-23458	So	0	ON
289f	Braille Pattern Dots-123458	So	0	ON
28a0	Braille Pattern Dots-68	So	0	ON
28a1	Braille Pattern Dots-168	So	0	ON
28a2	Braille Pattern Dots-268	So	0	ON
28a3	Braille Pattern Dots-1268	So	0	ON
28a4	Braille Pattern Dots-368	So	0	ON
28a5	Braille Pattern Dots-1368	So	0	ON
28a6	Braille Pattern Dots-2368	So	0	ON
28a7	Braille Pattern Dots-12368	So	0	ON
28a8	Braille Pattern Dots-468	So	0	ON
28a9	Braille Pattern Dots-1468	So	0	ON
28aa	Braille Pattern Dots-2468	So	0	ON
28ab	Braille Pattern Dots-12468	So	0	ON
28ac	Braille Pattern Dots-3468	So	0	ON
28ad	Braille Pattern Dots-13468	So	0	ON
28ae	Braille Pattern Dots-23468	So	0	ON
28af	Braille Pattern Dots-123468	So	0	ON
28b0	Braille Pattern Dots-568	So	0	ON
28b1	Braille Pattern Dots-1568	So	0	ON
28b2	Braille Pattern Dots-2568	So	0	ON
28b3	Braille Pattern Dots-12568	So	0	ON
28b4	Braille Pattern Dots-3568	So	0	ON
28b5	Braille Pattern Dots-13568	So	0	ON
28b6	Braille Pattern Dots-23568	So	0	ON
28b7	Braille Pattern Dots-123568	So	0	ON
28b8	Braille Pattern Dots-4568	So	0	ON
28b9	Braille Pattern Dots-14568	So	0	ON
28ba	Braille Pattern Dots-24568	So	0	ON
28bb	Braille Pattern Dots-124568	So	0	ON
28bc	Braille Pattern Dots-34568	So	0	ON
28bd	Braille Pattern Dots-134568	So	0	ON
28be	Braille Pattern Dots-234568	So	0	ON
28bf	Braille Pattern Dots-1234568	So	0	ON
28c0	Braille Pattern Dots-78	So	0	ON
28c1	Braille Pattern Dots-178	So	0	ON
28c2	Braille Pattern Dots-278	So	0	ON
28c3	Braille Pattern Dots-1278	So	0	ON
28c4	Braille Pattern Dots-378	So	0	ON
28c5	Braille Pattern Dots-1378	So	0	ON
28c6	Braille Pattern Dots-2378	So	0	ON
28c7	Braille Pattern Dots-12378	So	0	ON
28c8	Braille Pattern Dots-478	So	0	ON
28c9	Braille Pattern Dots-1478	So	0	ON
28ca	Braille Pattern Dots-2478	So	0	ON
28cb	Braille Pattern Dots-12478	So	0	ON
28cc	Braille Pattern Dots-3478	So	0	ON
28cd	Braille Pattern Dots-13478	So	0	ON
28ce	Braille Pattern Dots-23478	So	0	ON
28cf	Braille Pattern Dots-123478	So	0	ON
28d0	Braille Pattern Dots-578	So	0	ON
28d1	Braille Pattern Dots-1578	So	0	ON
28d2	Braille Pattern Dots-2578	So	0	ON
28d3	Braille Pattern Dots-12578	So	0	ON
28d4	Braille Pattern Dots-3578	So	0	ON
28d5	Braille Pattern Dots-13578	So	0	ON
28d6	Braille Pattern Dots-23578	So	0	ON
28d7	Braille Pattern Dots-123578	So	0	ON
28d8	Braille Pattern Dots-4578	So	0	ON
28d9	Braille Pattern Dots-14578	So	0	ON
28da	Braille Pattern Dots-24578	So	0	ON
28db	Braille Pattern Dots-124578	So	0	ON
28dc	Braille Pattern Dots-34578	So	0	ON
28dd	Braille Pattern Dots-134578	So	0	ON
28de	Braille Pattern Dots-234578	So	0	ON
28df	Braille Pattern Dots-1234578	So	0	ON
28e0	Braille Pattern Dots-678	So	0	ON
28e1	Braille Pattern Dots-1678	So	0	ON
28e2	Braille Pattern Dots-2678	So	0	ON
28e3	Braille Pattern Dots-12678	So	0	ON
28e4	Braille Pattern Dots-3678	So	0	ON
28e5	Braille Pattern Dots-13678	So	0	ON
28e6	Braille Pattern Dots-23678	So	0	ON
28e7	Braille Pattern Dots-123678	So	0	ON
28e8	Braille Pattern Dots-4678	So	0	ON
28e9	Braille Pattern Dots-14678	So	0	ON
28ea	Braille Pattern Dots-24678	So	0	ON
28eb	Braille Pattern Dots-124678	So	0	ON
28ec	Braille Pattern Dots-34678	So	0	ON
28ed	Braille Pattern Dots-134678	So	0	ON
28ee	Braille Pattern Dots-234678	So	0	ON
28ef	Braille Pattern Dots-1234678	So	0	ON
28f0	Braille Pattern Dots-5678	So	0	ON
28f1	Braille Pattern Dots-15678	So	0	ON
28f2	Braille Pattern Dots-25678	So	0	ON
28f3	Braille Pattern Dots-125678	So	0	ON
28f4	Braille Pattern Dots-35678	So	0	ON
28f5	Braille Pattern Dots-135678	So	0	ON
28f6	Braille Pattern Dots-235678	So	0	ON
28f7	Braille Pattern Dots-1235678	So	0	ON
28f8	Braille Pattern Dots-45678	So	0	ON
28f9	Braille Pattern Dots-145678	So	0	ON
28fa	Braille Pattern Dots-245678	So	0	ON
28fb	Braille Pattern Dots-1245678	So	0	ON
28fc	Braille Pattern Dots-345678	So	0	ON

28fd	Braille Pattern Dots-1345678	So	0	ON
28fe	Braille Pattern Dots-2345678	So	0	ON
28ff	Braille Pattern Dots-12345678	So	0	ON

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Supplemental Arrows-B (2900 to 297F)

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Hex	Character	Gen	Cmb	Bid	Map
2900	Rightwards 2-Headed Arrow w Vert Stroke	Sm	0	ON	
2901	Rightwards 2-Headed Arrow w Double Vert Stroke	Sm	0	ON	
2902	Leftwards Double Arrow w Vert Stroke	Sm	0	ON	
2903	Rightwards Double Arrow w Vert Stroke	Sm	0	ON	
2904	L R Double Arrow w Vert Stroke	Sm	0	ON	
2905	Rightwards 2-Headed Arrow From Bar	Sm	0	ON	
2906	Leftwards Double Arrow From Bar	Sm	0	ON	
2907	Rightwards Double Arrow From Bar	Sm	0	ON	
2908	Downwards Arrow w Horiz Stroke	Sm	0	ON	
2909	Upwards Arrow w Horiz Stroke	Sm	0	ON	
290a	Upwards Triple Arrow	Sm	0	ON	
290b	Downwards Triple Arrow	Sm	0	ON	
290c	Leftwards Double Dash Arrow	Sm	0	ON	
290d	Rightwards Double Dash Arrow	Sm	0	ON	
290e	Leftwards Triple Dash Arrow	Sm	0	ON	
290f	Rightwards Triple Dash Arrow	Sm	0	ON	
2910	Rightwards 2-Headed Triple Dash Arrow	Sm	0	ON	
2911	Rightwards Arrow w Dotted Stem	Sm	0	ON	
2912	Upwards Arrow to Bar	Sm	0	ON	
2913	Downwards Arrow to Bar	Sm	0	ON	
2914	R Arrow w Tail w Vert Stroke	Sm	0	ON	
2915	R Arrow w Tail w Double Vert Stroke	Sm	0	ON	
2916	R 2-Headed Arrow w Tail	Sm	0	ON	
2917	R 2-Headed Arrow w Tail w Vert Stroke	Sm	0	ON	
2918	R 2-Headed Arrow w Tail w Double Vert Stroke	Sm	0	ON	
2919	Leftwards Arrow-Tail	Sm	0	ON	
291a	Rightwards Arrow-Tail	Sm	0	ON	
291b	Leftwards Double Arrow-Tail	Sm	0	ON	
291c	Rightwards Double Arrow-Tail	Sm	0	ON	
291d	Leftwards Arrow to Black Diamond	Sm	0	ON	
291e	Rightwards Arrow to Black Diamond	Sm	0	ON	
291f	Leftwards Arrow From Bar to Black Diamond	Sm	0	ON	
2920	Rightwards Arrow From Bar to Black Diamond	Sm	0	ON	
2921	North West & South East Arrow	Sm	0	ON	
2922	North East & South West Arrow	Sm	0	ON	
2923	North West Arrow w Hook	Sm	0	ON	
2924	North East Arrow w Hook	Sm	0	ON	
2925	South East Arrow w Hook	Sm	0	ON	
2926	South West Arrow w Hook	Sm	0	ON	
2927	North West Arrow & North East Arrow	Sm	0	ON	
2928	North East Arrow & South East Arrow	Sm	0	ON	
2929	South East Arrow & South West Arrow	Sm	0	ON	
292a	South West Arrow & North West Arrow	Sm	0	ON	
292b	Rising Diagonal Crossing Falling Diagonal	Sm	0	ON	
292c	Falling Diagonal Crossing Rising Diagonal	Sm	0	ON	
292d	South East Arrow Crossing North East Arrow	Sm	0	ON	
292e	North East Arrow Crossing South East Arrow	Sm	0	ON	
292f	Falling Diagonal Crossing North East Arrow	Sm	0	ON	
2930	Rising Diagonal Crossing South East Arrow	Sm	0	ON	
2931	North East Arrow Crossing North West Arrow	Sm	0	ON	
2932	North West Arrow Crossing North East Arrow	Sm	0	ON	
2933	Wave Arrow Pointing Directly R	Sm	0	ON	
2934	Arrow Pointing R then Curving Up	Sm	0	ON	
2935	Arrow Pointing R then Curving Down	Sm	0	ON	
2936	Arrow Pointing Down then Curving L	Sm	0	ON	
2937	Arrow Pointing Down then Curving R	Sm	0	ON	
2938	Right-Side Arc Clockwise Arrow	Sm	0	ON	
2939	Left-Side Arc Anticlockwise Arrow	Sm	0	ON	
293a	Top Arc Anticlockwise Arrow	Sm	0	ON	
293b	Bottom Arc Anticlockwise Arrow	Sm	0	ON	
293c	Top Arc Clockwise Arrow w Minus	Sm	0	ON	
293d	Top Arc Anticlockwise Arrow w Plus	Sm	0	ON	
293e	Lower R Semicircular Clockwise Arrow	Sm	0	ON	
293f	Lower L Semicircular Anticlockwise Arrow	Sm	0	ON	
2940	Anticlockwise Closed Circle Arrow	Sm	0	ON	
2941	Clockwise Closed Circle Arrow	Sm	0	ON	
2942	Rightwards Arrow above Short Leftwards Arrow	Sm	0	ON	
2943	Leftwards Arrow above Short R Arrow	Sm	0	ON	
2944	Short R Arrow above Leftwards Arrow	Sm	0	ON	
2945	Rightwards Arrow w Plus Below	Sm	0	ON	
2946	Leftwards Arrow w Plus Below	Sm	0	ON	
2947	Rightwards Arrow Through X	Sm	0	ON	
2948	L R Arrow Through Small Circle	Sm	0	ON	
2949	Upwards 2-Headed Arrow From Small Circle	Sm	0	ON	
294a	L Barb Up R Barb Down Harpoon	Sm	0	ON	
294b	L Barb Down R Barb Up Harpoon	Sm	0	ON	
294c	Up Barb R Down Barb L Harpoon	Sm	0	ON	
294d	Up Barb L Down Barb R Harpoon	Sm	0	ON	
294e	L Barb Up R Barb Up Harpoon	Sm	0	ON	
294f	Up Barb R Down Barb R Harpoon	Sm	0	ON	
2950	L Barb Down R Barb Down Harpoon	Sm	0	ON	
2951	Up Barb L Down Barb L Harpoon	Sm	0	ON	
2952	Leftwards Harpoon w Barb Up to Bar	Sm	0	ON	
2953	Rightwards Harpoon w Barb Up to Bar	Sm	0	ON	
2954	Upwards Harpoon w Barb R to Bar	Sm	0	ON	
2955	Downwards Harpoon w Barb R to Bar	Sm	0	ON	
2956	Leftwards Harpoon w Barb Down to Bar	Sm	0	ON	
2957	Rightwards Harpoon w Barb Down to Bar	Sm	0	ON	
2958	Upwards Harpoon w Barb L to Bar	Sm	0	ON	
2959	Downwards Harpoon w Barb L to Bar	Sm	0	ON	
295a	Leftwards Harpoon w Barb Up From Bar	Sm	0	ON	
295b	Rightwards Harpoon w Barb Up From Bar	Sm	0	ON	

295c	Upwards Harpoon w Barb R From Bar	Sm	0	ON
295d	Downwards Harpoon w Barb R From Bar	Sm	0	ON
295e	Leftwards Harpoon w Barb Down From Bar	Sm	0	ON
295f	Rightwards Harpoon w Barb Down From Bar	Sm	0	ON
2960	Upwards Harpoon w Barb L From Bar	Sm	0	ON
2961	Downwards Harpoon w Barb L From Bar	Sm	0	ON
2962	L Harpoon w Barb Up above L Harpoon w Barb Down	Sm	0	ON
2963	Up Harpoon w Barb L beside Up Harpoon w Barb R	Sm	0	ON
2964	R Harpoon w Barb Up above R Harpoon w Barb Down	Sm	0	ON
2965	Down Harpoon w Barb L beside Down Harpoon w Barb R	Sm	0	ON
2966	L Harpoon w Barb Up above R Harpoon w Barb Up	Sm	0	ON
2967	L Harpoon w Barb Down above R Harpoon w Barb Down	Sm	0	ON
2968	R Harpoon w Barb Up above L Harpoon w Barb Up	Sm	0	ON
2969	R Harpoon w Barb Down above L Harpoon w Barb Down	Sm	0	ON
296a	Leftwards Harpoon w Barb Up above Long Dash	Sm	0	ON
296b	Leftwards Harpoon w Barb Down Below Long Dash	Sm	0	ON
296c	Rightwards Harpoon w Barb Up above Long Dash	Sm	0	ON
296d	Rightwards Harpoon w Barb Down Below Long Dash	Sm	0	ON
296e	Up Harpoon w Barb L beside Down Harpoon w Barb R	Sm	0	ON
296f	Down Harpoon w Barb L beside Up Harpoon w Barb R	Sm	0	ON
2970	R Double Arrow w Rounded Head	Sm	0	ON
2971	= Sign above R Arrow	Sm	0	ON
2972	Tilde Operator above R Arrow	Sm	0	ON
2973	Leftwards Arrow above Tilde Operator	Sm	0	ON
2974	Rightwards Arrow above Tilde Operator	Sm	0	ON
2975	Rightwards Arrow above Almost = to	Sm	0	ON
2976	< above Leftwards Arrow	Sm	0	ON
2977	Leftwards Arrow Through <	Sm	0	ON
2978	>above R Arrow	Sm	0	ON
2979	Subset above R Arrow	Sm	0	ON
297a	Leftwards Arrow Through Subset	Sm	0	ON
297b	Superset above Leftwards Arrow	Sm	0	ON
297c	L Fish Tail	Sm	0	ON
297d	R Fish Tail	Sm	0	ON
297e	Up Fish Tail	Sm	0	ON
297f	Down Fish Tail	Sm	0	ON

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Miscellaneous Mathematical Symbols-B (2980 to 29FF)

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Hex	Character	Gen	Cmb	Bid	Map
2980	Triple Vert Bar Delimiter	Sm	0	ON	
2981	Z Notation Spot	Sm	0	ON	
2982	Z Notation Type Colon	Sm	0	ON	
2983	L White Curly Bracket	Ps	0	ON	
2984	R White Curly Bracket	Pe	0	ON	
2985	L White Parenthesis	Ps	0	ON	
2986	R White Parenthesis	Pe	0	ON	
2987	Z Notation L Image Bracket	Ps	0	ON	
2988	Z Notation R Image Bracket	Pe	0	ON	
2989	Z Notation L Binding Bracket	Ps	0	ON	
298a	Z Notation R Binding Bracket	Pe	0	ON	
298b	L Square Bracket w Underbar	Ps	0	ON	
298c	R Square Bracket w Underbar	Pe	0	ON	
298d	L Square Bracket w Tick in Top Corner	Ps	0	ON	
298e	R Square Bracket w Tick in Bottom Corner	Pe	0	ON	
298f	L Square Bracket w Tick in Bottom Corner	Ps	0	ON	
2990	R Square Bracket w Tick in Top Corner	Pe	0	ON	
2991	L Angle Bracket w Dot	Ps	0	ON	
2992	R Angle Bracket w Dot	Pe	0	ON	
2993	L Arc < Bracket	Ps	0	ON	
2994	R Arc >Bracket	Pe	0	ON	
2995	Double L Arc >Bracket	Ps	0	ON	
2996	Double R Arc < Bracket	Pe	0	ON	
2997	L Black Tortoise Shell Bracket	Ps	0	ON	
2998	R Black Tortoise Shell Bracket	Pe	0	ON	
2999	Dotted Fence	Sm	0	ON	
299a	Vert Zigzag Line	Sm	0	ON	
299b	Measured Angle Opening L	Sm	0	ON	
299c	R Angle Variant w Square	Sm	0	ON	
299d	Measured R Angle w Dot	Sm	0	ON	
299e	Angle w S Inside	Sm	0	ON	
299f	Acute Angle	Sm	0	ON	
29a0	Spherical Angle Opening L	Sm	0	ON	
29a1	Spherical Angle Opening Up	Sm	0	ON	
29a2	Turned Angle	Sm	0	ON	
29a3	Reversed Angle	Sm	0	ON	
29a4	Angle w Underbar	Sm	0	ON	
29a5	Reversed Angle w Underbar	Sm	0	ON	
29a6	Oblique Angle Opening Up	Sm	0	ON	
29a7	Oblique Angle Opening Down	Sm	0	ON	
29a8	Measured Angle w Open Arm Ending in Arrow Up & R	Sm	0	ON	
29a9	Measured Angle w Open Arm Ending in Arrow Up & L	Sm	0	ON	
29aa	Measured Angle w Open Arm Ending in Arrow Down & R	Sm	0	ON	
29ab	Measured Angle w Open Arm Ending in Arrow Down & L	Sm	0	ON	
29ac	Measured Angle w Open Arm Ending in Arrow R & Up	Sm	0	ON	
29ad	Measured Angle w Open Arm Ending in Arrow L & Up	Sm	0	ON	
29ae	Measured Angle w Open Arm Ending in Arrow R & Down	Sm	0	ON	
29af	Measured Angle w Open Arm Ending in Arrow L & Down	Sm	0	ON	
29b0	Reversed Empty Set	Sm	0	ON	
29b1	Empty Set w Overbar	Sm	0	ON	
29b2	Empty Set w Small Circle Above	Sm	0	ON	
29b3	Empty Set w R Arrow Above	Sm	0	ON	
29b4	Empty Set w L Arrow Above	Sm	0	ON	
29b5	Circle w Horiz Bar	Sm	0	ON	
29b6	Circled Vert Bar	Sm	0	ON	
29b7	Circled Parallel	Sm	0	ON	
29b8	Circled Reverse Solidus	Sm	0	ON	

29b9	Circled Perpendicular	Sm	0	ON
29ba	Circle Divided by Horiz Bar & Top Half by Vert Bar	Sm	0	ON
29bb	Circle w Superimposed X	Sm	0	ON
29bc	Circled Anticlockwise-Rotated Division Sign	Sm	0	ON
29bd	Up Arrow Through Circle	Sm	0	ON
29be	Circled White Bullet	Sm	0	ON
29bf	Circled Bullet	Sm	0	ON
29c0	Circled <	Sm	0	ON
29c1	Circled >	Sm	0	ON
29c2	Circle w Small Circle to The R	Sm	0	ON
29c3	Circle w Two Horiz Strokes to The R	Sm	0	ON
29c4	Squared Rising Diagonal Slash	Sm	0	ON
29c5	Squared Falling Diagonal Slash	Sm	0	ON
29c6	Squared Asterisk	Sm	0	ON
29c7	Squared Small Circle	Sm	0	ON
29c8	Squared Square	Sm	0	ON
29c9	Two Joined Squares	Sm	0	ON
29ca	Triangle w Dot Above	Sm	0	ON
29cb	Triangle w Underbar	Sm	0	ON
29cc	S in Triangle	Sm	0	ON
29cd	Triangle w Serifs at Bottom	Sm	0	ON
29ce	R Triangle above L Triangle	Sm	0	ON
29cf	L Triangle beside Vert Bar	Sm	0	ON
29d0	Vert Bar beside R Triangle	Sm	0	ON
29d1	Bowtie w L Half Black	Sm	0	ON
29d2	Bowtie w R Half Black	Sm	0	ON
29d3	Black Bowtie	Sm	0	ON
29d4	Times w L Half Black	Sm	0	ON
29d5	Times w R Half Black	Sm	0	ON
29d6	White Hourglass	Sm	0	ON
29d7	Black Hourglass	Sm	0	ON
29d8	L Wiggly Fence	Ps	0	ON
29d9	R Wiggly Fence	Pe	0	ON
29da	L Double Wiggly Fence	Ps	0	ON
29db	R Double Wiggly Fence	Pe	0	ON
29dc	Incomplete Infinity	Sm	0	ON
29dd	Tie Over Infinity	Sm	0	ON
29de	Infinity Negated w Vert Bar	Sm	0	ON
29df	Double-Ended Multimap	Sm	0	ON
29e0	Square w Contoured Outline	Sm	0	ON
29e1	Increases As	Sm	0	ON
29e2	Shuffle Product	Sm	0	ON
29e3	= Sign & Slanted Parallel	Sm	0	ON
29e4	= Sign & Slanted Parallel w Tilde Above	Sm	0	ON
29e5	Identical to & Slanted Parallel	Sm	0	ON
29e6	Gleich Stark	Sm	0	ON
29e7	Thermodynamic	Sm	0	ON
29e8	Down-Pointing Triangle w L Half Black	Sm	0	ON
29e9	Down-Pointing Triangle w R Half Black	Sm	0	ON
29ea	Black Diamond w Down Arrow	Sm	0	ON
29eb	Black Lozenge	Sm	0	ON
29ec	White Circle w Down Arrow	Sm	0	ON
29ed	Black Circle w Down Arrow	Sm	0	ON
29ee	Error-Barred White Square	Sm	0	ON
29ef	Error-Barred Black Square	Sm	0	ON
29f0	Error-Barred White Diamond	Sm	0	ON
29f1	Error-Barred Black Diamond	Sm	0	ON
29f2	Error-Barred White Circle	Sm	0	ON
29f3	Error-Barred Black Circle	Sm	0	ON
29f4	Rule-Delayed	Sm	0	ON
29f5	Reverse Solidus Operator	Sm	0	ON
29f6	Solidus w Overbar	Sm	0	ON
29f7	Reverse Solidus w Horiz Stroke	Sm	0	ON
29f8	Big Solidus	Sm	0	ON
29f9	Big Reverse Solidus	Sm	0	ON
29fa	Double Plus	Sm	0	ON
29fb	Triple Plus	Sm	0	ON
29fc	Left-Pointing Curved Angle Bracket	Ps	0	ON
29fd	Right-Pointing Curved Angle Bracket	Pe	0	ON
29fe	Tiny	Sm	0	ON
29ff	Miny	Sm	0	ON

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Supplemental Mathematical Operators (2A00 to 2AFF)

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Hex	Character	Gen	Cmb	Bid	Map
2a00	N-Ary Circled Dot Operator	Sm	0	ON	
2a01	N-Ary Circled Plus Operator	Sm	0	ON	
2a02	N-Ary Circled Times Operator	Sm	0	ON	
2a03	N-Ary Union Operator w Dot	Sm	0	ON	
2a04	N-Ary Union Operator w Plus	Sm	0	ON	
2a05	N-Ary Square Intersection Operator	Sm	0	ON	
2a06	N-Ary Square Union Operator	Sm	0	ON	
2a07	Two Logical & Operator	Sm	0	ON	
2a08	Two Logical or Operator	Sm	0	ON	
2a09	N-Ary Times Operator	Sm	0	ON	
2a0a	Modulo Two Sum	Sm	0	ON	
2a0b	Summation w Integral	Sm	0	ON	
2a0c	Quadruple Integral Operator	Sm	0	ON	C
2a0d	Finite Part Integral	Sm	0	ON	
2a0e	Integral w Double Stroke	Sm	0	ON	
2a0f	Integral Average w Slash	Sm	0	ON	
2a10	Circulation Function	Sm	0	ON	
2a11	Anticlockwise Integration	Sm	0	ON	
2a12	Line Integration w Rectangular Path Around Pole	Sm	0	ON	
2a13	Line Integration w Semicircular Path Around Pole	Sm	0	ON	
2a14	Line Integration Not Including The Pole	Sm	0	ON	
2a15	Integral Around A Point Operator	Sm	0	ON	
2a16	Quaternion Integral Operator	Sm	0	ON	

2a17	Integral w Leftwards Arrow w Hook	Sm	0	ON
2a18	Integral w Times Sign	Sm	0	ON
2a19	Integral w Intersection	Sm	0	ON
2a1a	Integral w Union	Sm	0	ON
2a1b	Integral w Overbar	Sm	0	ON
2a1c	Integral w Underbar	Sm	0	ON
2a1d	Join	Sm	0	ON
2a1e	Large L Triangle Operator	Sm	0	ON
2a1f	Z Notation Schema Composition	Sm	0	ON
2a20	Z Notation Schema Piping	Sm	0	ON
2a21	Z Notation Schema Projection	Sm	0	ON
2a22	Plus Sign w Small Circle Above	Sm	0	ON
2a23	Plus Sign w Circumflex Accent Above	Sm	0	ON
2a24	Plus Sign w Tilde Above	Sm	0	ON
2a25	Plus Sign w Dot Below	Sm	0	ON
2a26	Plus Sign w Tilde Below	Sm	0	ON
2a27	Plus Sign w Subscript Two	Sm	0	ON
2a28	Plus Sign w Black Triangle	Sm	0	ON
2a29	Minus Sign w Comma Above	Sm	0	ON
2a2a	Minus Sign w Dot Below	Sm	0	ON
2a2b	Minus Sign w Falling Dots	Sm	0	ON
2a2c	Minus Sign w Rising Dots	Sm	0	ON
2a2d	Plus Sign in L Half Circle	Sm	0	ON
2a2e	Plus Sign in R Half Circle	Sm	0	ON
2a2f	Vector or Cross Product	Sm	0	ON
2a30	Multiplication Sign w Dot Above	Sm	0	ON
2a31	Multiplication Sign w Underbar	Sm	0	ON
2a32	Semidirect Product w Bottom Closed	Sm	0	ON
2a33	Smash Product	Sm	0	ON
2a34	Multiplication Sign in L Half Circle	Sm	0	ON
2a35	Multiplication Sign in R Half Circle	Sm	0	ON
2a36	Circled Multiplication Sign w Circumflex Accent	Sm	0	ON
2a37	Multiplication Sign in Double Circle	Sm	0	ON
2a38	Circled Division Sign	Sm	0	ON
2a39	Plus Sign in Triangle	Sm	0	ON
2a3a	Minus Sign in Triangle	Sm	0	ON
2a3b	Multiplication Sign in Triangle	Sm	0	ON
2a3c	Interior Product	Sm	0	ON
2a3d	Righthand Interior Product	Sm	0	ON
2a3e	Z Notation Relational Composition	Sm	0	ON
2a3f	Amalgamation or Coproduct	Sm	0	ON
2a40	Intersection w Dot	Sm	0	ON
2a41	Union w Minus Sign	Sm	0	ON
2a42	Union w Overbar	Sm	0	ON
2a43	Intersection w Overbar	Sm	0	ON
2a44	Intersection w Logical And	Sm	0	ON
2a45	Union w Logical OR	Sm	0	ON
2a46	Union above Intersection	Sm	0	ON
2a47	Intersection above Union	Sm	0	ON
2a48	Union above Bar above Intersection	Sm	0	ON
2a49	Intersection above Bar above Union	Sm	0	ON
2a4a	Union beside & Joined w Union	Sm	0	ON
2a4b	Intersection beside & Joined w Intersection	Sm	0	ON
2a4c	Closed Union w Serifs	Sm	0	ON
2a4d	Closed Intersection w Serifs	Sm	0	ON
2a4e	Double Square Intersection	Sm	0	ON
2a4f	Double Square Union	Sm	0	ON
2a50	Closed Union w Serifs & Smash Product	Sm	0	ON
2a51	Logical AND w Dot Above	Sm	0	ON
2a52	Logical OR w Dot Above	Sm	0	ON
2a53	Double Logical And	Sm	0	ON
2a54	Double Logical or	Sm	0	ON
2a55	Two Intersecting Logical AND	Sm	0	ON
2a56	Two Intersecting Logical OR	Sm	0	ON
2a57	Sloping Large OR	Sm	0	ON
2a58	Sloping Large AND	Sm	0	ON
2a59	Logical OR Overlapping Logical AND	Sm	0	ON
2a5a	Logical AND w Middle Stem	Sm	0	ON
2a5b	Logical OR w Middle Stem	Sm	0	ON
2a5c	Logical AND w Horiz Dash	Sm	0	ON
2a5d	Logical OR w Horiz Dash	Sm	0	ON
2a5e	Logical AND w Double Overbar	Sm	0	ON
2a5f	Logical AND w Underbar	Sm	0	ON
2a60	Logical AND w Double Underbar	Sm	0	ON
2a61	Small Vee w Underbar	Sm	0	ON
2a62	Logical OR w Double Overbar	Sm	0	ON
2a63	Logical OR w Double Underbar	Sm	0	ON
2a64	Z Notation Domain Antirestriction	Sm	0	ON
2a65	Z Notation Range Antirestriction	Sm	0	ON
2a66	= Sign w Dot Below	Sm	0	ON
2a67	Identical w Dot Above	Sm	0	ON
2a68	Triple Horiz Bar w Double Vert Stroke	Sm	0	ON
2a69	Triple Horiz Bar w Triple Vert Stroke	Sm	0	ON
2a6a	Tilde Operator w Dot Above	Sm	0	ON
2a6b	Tilde Operator w Rising Dots	Sm	0	ON
2a6c	Similar Minus Similar	Sm	0	ON
2a6d	Congruent w Dot Above	Sm	0	ON
2a6e	= w Asterisk	Sm	0	ON
2a6f	Almost = to w Circumflex Accent	Sm	0	ON
2a70	Approximately = or = to	Sm	0	ON
2a71	= Sign above Plus Sign	Sm	0	ON
2a72	Plus Sign above = Sign	Sm	0	ON
2a73	= Sign above Tilde Operator	Sm	0	ON
2a74	Double Colon =	Sm	0	ON
2a75	Two Consecutive = Signs	Sm	0	ON
2a76	Three Consecutive = Signs	Sm	0	ON
2a77	= Sign w Two Dots above & Two Dots Below	Sm	0	ON
2a78	Equivalent w Four Dots Above	Sm	0	ON
2a79	< w Circle Inside	Sm	0	ON
2a7a	>w Circle Inside	Sm	0	ON
2a7b	< w Question Mark Above	Sm	0	ON
2a7c	>w Question Mark Above	Sm	0	ON

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2a7d	< or Slanted = to	Sm	0	ON
2a7e	>or Slanted = to	Sm	0	ON
2a7f	< or Slanted = to w Dot Inside	Sm	0	ON
2a80	>or Slanted = to w Dot Inside	Sm	0	ON
2a81	< or Slanted = to w Dot Above	Sm	0	ON
2a82	>or Slanted = to w Dot Above	Sm	0	ON
2a83	< or Slanted = to w Dot above R	Sm	0	ON
2a84	>or Slanted = to w Dot above L	Sm	0	ON
2a85	< or Approximate	Sm	0	ON
2a86	>or Approximate	Sm	0	ON
2a87	< & Single-Line Not = to	Sm	0	ON
2a88	>& Single-Line Not = to	Sm	0	ON
2a89	< & Not Approximate	Sm	0	ON
2a8a	>& Not Approximate	Sm	0	ON
2a8b	< above Double-Line = above >	Sm	0	ON
2a8c	>above Double-Line = above <	Sm	0	ON
2a8d	< above Similar or Equal	Sm	0	ON
2a8e	>above Similar or Equal	Sm	0	ON
2a8f	< above Similar above >	Sm	0	ON
2a90	>above Similar above <	Sm	0	ON
2a91	< above >above Double-Line =	Sm	0	ON
2a92	>above < above Double-Line =	Sm	0	ON
2a93	< above Slanted = above >above Slanted =	Sm	0	ON
2a94	>above Slanted = above < above Slanted =	Sm	0	ON
2a95	Slanted = to or <	Sm	0	ON
2a96	Slanted = to or >	Sm	0	ON
2a97	Slanted = to or < w Dot Inside	Sm	0	ON
2a98	Slanted = to or >w Dot Inside	Sm	0	ON
2a99	Double-Line = to or <	Sm	0	ON
2a9a	Double-Line = to or >	Sm	0	ON
2a9b	Double-Line Slanted = to or <	Sm	0	ON
2a9c	Double-Line Slanted = to or >	Sm	0	ON
2a9d	Similar or <	Sm	0	ON
2a9e	Similar or >	Sm	0	ON
2a9f	Similar above < above = Sign	Sm	0	ON
2aa0	Similar above >above = Sign	Sm	0	ON
2aa1	Double Nested <	Sm	0	ON
2aa2	Double Nested >	Sm	0	ON
2aa3	Double Nested < w Underbar	Sm	0	ON
2aa4	>Overlapping <	Sm	0	ON
2aa5	>beside <	Sm	0	ON
2aa6	< Closed by Curve	Sm	0	ON
2aa7	>Closed by Curve	Sm	0	ON
2aa8	< Closed by Curve above Slanted Equal	Sm	0	ON
2aa9	>Closed by Curve above Slanted Equal	Sm	0	ON
2aaa	Smaller Than	Sm	0	ON
2aab	Larger Than	Sm	0	ON
2aac	Smaller Than or = to	Sm	0	ON
2aad	Larger Than or = to	Sm	0	ON
2aae	= Sign w Bumpy Above	Sm	0	ON
2aaf	Precedes above Single-Line = Sign	Sm	0	ON
2ab0	Succeeds above Single-Line = Sign	Sm	0	ON
2ab1	Precedes above Single-Line Not = to	Sm	0	ON
2ab2	Succeeds above Single-Line Not = to	Sm	0	ON
2ab3	Precedes above = Sign	Sm	0	ON
2ab4	Succeeds above = Sign	Sm	0	ON
2ab5	Precedes above Not = to	Sm	0	ON
2ab6	Succeeds above Not = to	Sm	0	ON
2ab7	Precedes above Almost = to	Sm	0	ON
2ab8	Succeeds above Almost = to	Sm	0	ON
2ab9	Precedes above Not Almost = to	Sm	0	ON
2aba	Succeeds above Not Almost = to	Sm	0	ON
2abb	Double Precedes	Sm	0	ON
2abc	Double Succeeds	Sm	0	ON
2abd	Subset w Dot	Sm	0	ON
2abe	Superset w Dot	Sm	0	ON
2abf	Subset w Plus Sign Below	Sm	0	ON
2ac0	Superset w Plus Sign Below	Sm	0	ON
2ac1	Subset w Multiplication Sign Below	Sm	0	ON
2ac2	Superset w Multiplication Sign Below	Sm	0	ON
2ac3	Subset of or = to w Dot Above	Sm	0	ON
2ac4	Superset of or = to w Dot Above	Sm	0	ON
2ac5	Subset of above = Sign	Sm	0	ON
2ac6	Superset of above = Sign	Sm	0	ON
2ac7	Subset of above Tilde Operator	Sm	0	ON
2ac8	Superset of above Tilde Operator	Sm	0	ON
2ac9	Subset of above Almost = to	Sm	0	ON
2aca	Superset of above Almost = to	Sm	0	ON
2acb	Subset of above Not = to	Sm	0	ON
2acc	Superset of above Not = to	Sm	0	ON
2acd	Square L Open Box Operator	Sm	0	ON
2ace	Square R Open Box Operator	Sm	0	ON
2acf	Closed Subset	Sm	0	ON
2ad0	Closed Superset	Sm	0	ON
2ad1	Closed Subset or = to	Sm	0	ON
2ad2	Closed Superset or = to	Sm	0	ON
2ad3	Subset above Superset	Sm	0	ON
2ad4	Superset above Subset	Sm	0	ON
2ad5	Subset above Subset	Sm	0	ON
2ad6	Superset above Superset	Sm	0	ON
2ad7	Superset beside Subset	Sm	0	ON
2ad8	Superset beside & Joined by Dash w Subset	Sm	0	ON
2ad9	Element of Opening Downwards	Sm	0	ON
2ada	Pitchfork w Tee Top	Sm	0	ON
2adb	Transversal Intersection	Sm	0	ON

2adc	Forking	Sm	0	ON
2add	Nonforking	Sm	0	ON
2ade	Short L Tack	Sm	0	ON
2adf	Short Down Tack	Sm	0	ON
2ae0	Short Up Tack	Sm	0	ON
2ae1	Perpendicular w S	Sm	0	ON
2ae2	Vert Bar Triple R Turnstile	Sm	0	ON
2ae3	Double Vert Bar L Turnstile	Sm	0	ON
2ae4	Vert Bar Double L Turnstile	Sm	0	ON
2ae5	Double Vert Bar Double L Turnstile	Sm	0	ON
2ae6	Long Dash From L Member of Double Vert	Sm	0	ON
2ae7	Short Down Tack w Overbar	Sm	0	ON
2ae8	Short Up Tack w Underbar	Sm	0	ON
2ae9	Short Up Tack above Short Down Tack	Sm	0	ON
2aea	Double Down Tack	Sm	0	ON
2aeb	Double Up Tack	Sm	0	ON
2aec	Double Stroke Not Sign	Sm	0	ON
2aed	Reversed Double Stroke Not Sign	Sm	0	ON
2aee	Does Not Divide w Reversed Negation Slash	Sm	0	ON
2aef	Vert Line w Circle Above	Sm	0	ON
2af0	Vert Line w Circle Below	Sm	0	ON
2af1	Down Tack w Circle Below	Sm	0	ON
2af2	Parallel w Horiz Stroke	Sm	0	ON
2af3	Parallel w Tilde Operator	Sm	0	ON
2af4	Triple Vert Bar Binary Relation	Sm	0	ON
2af5	Triple Vert Bar w Horiz Stroke	Sm	0	ON
2af6	Triple Colon Operator	Sm	0	ON
2af7	Triple Nested <	Sm	0	ON
2af8	Triple Nested >	Sm	0	ON
2af9	Double-Line Slanted < or = to	Sm	0	ON
2afa	Double-Line Slanted >or = to	Sm	0	ON
2afb	Triple Solidus Binary Relation	Sm	0	ON
2afc	Large Triple Vert Bar Operator	Sm	0	ON
2afd	Double Solidus Operator	Sm	0	ON
2afe	White Vert Bar	Sm	0	ON
2aff	N-Ary White Vert Bar	Sm	0	ON

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CJK Radicals Supplement (2E80 to 2EFF)
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Hex	Character	Gen	Cmb	Bid	Map
2e80	CJK Radical Repeat	So	0	ON	
2e81	CJK Radical Cliff	So	0	ON	
2e82	CJK Radical Second One	So	0	ON	
2e83	CJK Radical Second Two	So	0	ON	
2e84	CJK Radical Second Three	So	0	ON	
2e85	CJK Radical Person	So	0	ON	
2e86	CJK Radical Box	So	0	ON	
2e87	CJK Radical Table	So	0	ON	
2e88	CJK Radical Knife One	So	0	ON	
2e89	CJK Radical Knife Two	So	0	ON	
2e8a	CJK Radical Divination	So	0	ON	
2e8b	CJK Radical Seal	So	0	ON	
2e8c	CJK Radical Small One	So	0	ON	
2e8d	CJK Radical Small Two	So	0	ON	
2e8e	CJK Radical Lame One	So	0	ON	
2e8f	CJK Radical Lame Two	So	0	ON	
2e90	CJK Radical Lame Three	So	0	ON	
2e91	CJK Radical Lame Four	So	0	ON	
2e92	CJK Radical Snake	So	0	ON	
2e93	CJK Radical Thread	So	0	ON	
2e94	CJK Radical Snout One	So	0	ON	
2e95	CJK Radical Snout Two	So	0	ON	
2e96	CJK Radical Heart One	So	0	ON	
2e97	CJK Radical Heart Two	So	0	ON	
2e98	CJK Radical Hand	So	0	ON	
2e99	CJK Radical Rap	So	0	ON	
2e9b	CJK Radical Choke	So	0	ON	
2e9c	CJK Radical Sun	So	0	ON	
2e9d	CJK Radical Moon	So	0	ON	
2e9e	CJK Radical Death	So	0	ON	
2e9f	CJK Radical Mother	So	0	ON	
2ea0	CJK Radical Civilian	So	0	ON	
2ea1	CJK Radical Water One	So	0	ON	
2ea2	CJK Radical Water Two	So	0	ON	
2ea3	CJK Radical Fire	So	0	ON	
2ea4	CJK Radical Paw One	So	0	ON	
2ea5	CJK Radical Paw Two	So	0	ON	
2ea6	CJK Radical Simplified Half Tree Trunk	So	0	ON	
2ea7	CJK Radical Cow	So	0	ON	
2ea8	CJK Radical Dog	So	0	ON	
2ea9	CJK Radical Jade	So	0	ON	
2eaa	CJK Radical Bolt of Cloth	So	0	ON	
2eab	CJK Radical Eye	So	0	ON	
2eac	CJK Radical Spirit One	So	0	ON	
2ead	CJK Radical Spirit Two	So	0	ON	
2eae	CJK Radical Bamboo	So	0	ON	
2eaf	CJK Radical Silk	So	0	ON	
2eb0	CJK Radical C-Simplified Silk	So	0	ON	
2eb1	CJK Radical Net One	So	0	ON	
2eb2	CJK Radical Net Two	So	0	ON	
2eb3	CJK Radical Net Three	So	0	ON	
2eb4	CJK Radical Net Four	So	0	ON	
2eb5	CJK Radical Mesh	So	0	ON	
2eb6	CJK Radical Sheep	So	0	ON	
2eb7	CJK Radical Ram	So	0	ON	
2eb8	CJK Radical Ewe	So	0	ON	
2eb9	CJK Radical Old	So	0	ON	
2eba	CJK Radical Brush One	So	0	ON	
2ebb	CJK Radical Brush Two	So	0	ON	

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2ebc	CJK Radical Meat	So	0	ON	
2ebd	CJK Radical Mortar	So	0	ON	
2ebe	CJK Radical Grass One	So	0	ON	
2ebf	CJK Radical Grass Two	So	0	ON	
2ec0	CJK Radical Grass Three	So	0	ON	
2ec1	CJK Radical Tiger	So	0	ON	
2ec2	CJK Radical Clothes	So	0	ON	
2ec3	CJK Radical West One	So	0	ON	
2ec4	CJK Radical West Two	So	0	ON	
2ec5	CJK Radical C-Simplified See	So	0	ON	
2ec6	CJK Radical Simplified Horn	So	0	ON	
2ec7	CJK Radical Horn	So	0	ON	
2ec8	CJK Radical C-Simplified Speech	So	0	ON	
2ec9	CJK Radical C-Simplified Shell	So	0	ON	
2eca	CJK Radical Foot	So	0	ON	
2ecb	CJK Radical C-Simplified Cart	So	0	ON	
2ecc	CJK Radical Simplified Walk	So	0	ON	
2ecd	CJK Radical Walk One	So	0	ON	
2ece	CJK Radical Walk Two	So	0	ON	
2ecf	CJK Radical City	So	0	ON	
2ed0	CJK Radical C-Simplified Gold	So	0	ON	
2ed1	CJK Radical Long One	So	0	ON	
2ed2	CJK Radical Long Two	So	0	ON	
2ed3	CJK Radical C-Simplified Long	So	0	ON	
2ed4	CJK Radical C-Simplified Gate	So	0	ON	
2ed5	CJK Radical Mound One	So	0	ON	
2ed6	CJK Radical Mound Two	So	0	ON	
2ed7	CJK Radical Rain	So	0	ON	
2ed8	CJK Radical Blue	So	0	ON	
2ed9	CJK Radical C-Simplified Tanned Leather	So	0	ON	
2eda	CJK Radical C-Simplified Leaf	So	0	ON	
2edb	CJK Radical C-Simplified Wind	So	0	ON	
2edc	CJK Radical C-Simplified Fly	So	0	ON	
2edd	CJK Radical Eat One	So	0	ON	
2ede	CJK Radical Eat Two	So	0	ON	
2edf	CJK Radical Eat Three	So	0	ON	
2ee0	CJK Radical C-Simplified Eat	So	0	ON	
2ee1	CJK Radical Head	So	0	ON	
2ee2	CJK Radical C-Simplified Horse	So	0	ON	
2ee3	CJK Radical Bone	So	0	ON	
2ee4	CJK Radical Ghost	So	0	ON	
2ee5	CJK Radical C-Simplified Fish	So	0	ON	
2ee6	CJK Radical C-Simplified Bird	So	0	ON	
2ee7	CJK Radical C-Simplified Salt	So	0	ON	
2ee8	CJK Radical Simplified Wheat	So	0	ON	
2ee9	CJK Radical Simplified Yellow	So	0	ON	
2eea	CJK Radical C-Simplified Frog	So	0	ON	
2eeb	CJK Radical J-Simplified Even	So	0	ON	
2eec	CJK Radical C-Simplified Even	So	0	ON	
2eed	CJK Radical J-Simplified Tooth	So	0	ON	
2eee	CJK Radical C-Simplified Tooth	So	0	ON	
2eef	CJK Radical J-Simplified Dragon	So	0	ON	
2ef0	CJK Radical C-Simplified Dragon	So	0	ON	
2ef1	CJK Radical Turtle	So	0	ON	
2ef2	CJK Radical J-Simplified Turtle	So	0	ON	
2ef3	CJK Radical C-Simplified Turtle	So	0	ON	C

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Kangxi Radicals (2F00 to 2FDF)
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Hex	Character	Gen	Cmb	Bid	Map
2f00	Kangxi Radical One	So	0	ON	C
2f01	Kangxi Radical Line	So	0	ON	C
2f02	Kangxi Radical Dot	So	0	ON	C
2f03	Kangxi Radical Slash	So	0	ON	C
2f04	Kangxi Radical Second	So	0	ON	C
2f05	Kangxi Radical Hook	So	0	ON	C
2f06	Kangxi Radical Two	So	0	ON	C
2f07	Kangxi Radical Lid	So	0	ON	C
2f08	Kangxi Radical Man	So	0	ON	C
2f09	Kangxi Radical Legs	So	0	ON	C
2f0a	Kangxi Radical Enter	So	0	ON	C
2f0b	Kangxi Radical Eight	So	0	ON	C
2f0c	Kangxi Radical Down Box	So	0	ON	C
2f0d	Kangxi Radical Cover	So	0	ON	C
2f0e	Kangxi Radical Ice	So	0	ON	C
2f0f	Kangxi Radical Table	So	0	ON	C
2f10	Kangxi Radical Open Box	So	0	ON	C
2f11	Kangxi Radical Knife	So	0	ON	C
2f12	Kangxi Radical Power	So	0	ON	C
2f13	Kangxi Radical Wrap	So	0	ON	C
2f14	Kangxi Radical Spoon	So	0	ON	C
2f15	Kangxi Radical R Open Box	So	0	ON	C
2f16	Kangxi Radical Hiding Enclosure	So	0	ON	C
2f17	Kangxi Radical Ten	So	0	ON	C
2f18	Kangxi Radical Divination	So	0	ON	C
2f19	Kangxi Radical Seal	So	0	ON	C
2f1a	Kangxi Radical Cliff	So	0	ON	C
2f1b	Kangxi Radical Private	So	0	ON	C
2f1c	Kangxi Radical Again	So	0	ON	C
2f1d	Kangxi Radical Mouth	So	0	ON	C
2f1e	Kangxi Radical Enclosure	So	0	ON	C
2f1f	Kangxi Radical Earth	So	0	ON	C
2f20	Kangxi Radical Scholar	So	0	ON	C
2f21	Kangxi Radical Go	So	0	ON	C
2f22	Kangxi Radical Go Slowly	So	0	ON	C
2f23	Kangxi Radical Evening	So	0	ON	C
2f24	Kangxi Radical Big	So	0	ON	C
2f25	Kangxi Radical Woman	So	0	ON	C
2f26	Kangxi Radical Child	So	0	ON	C
2f27	Kangxi Radical Roof	So	0	ON	C

2f28	Kangxi Radical	Inch	So	0	ON	C
2f29	Kangxi Radical	Small	So	0	ON	C
2f2a	Kangxi Radical	Lame	So	0	ON	C
2f2b	Kangxi Radical	Corpse	So	0	ON	C
2f2c	Kangxi Radical	Sprout	So	0	ON	C
2f2d	Kangxi Radical	Mountain	So	0	ON	C
2f2e	Kangxi Radical	River	So	0	ON	C
2f2f	Kangxi Radical	Work	So	0	ON	C
2f30	Kangxi Radical	Oneself	So	0	ON	C
2f31	Kangxi Radical	Turban	So	0	ON	C
2f32	Kangxi Radical	Dry	So	0	ON	C
2f33	Kangxi Radical	Short Thread	So	0	ON	C
2f34	Kangxi Radical	Dotted Cliff	So	0	ON	C
2f35	Kangxi Radical	Long Stride	So	0	ON	C
2f36	Kangxi Radical	Two Hands	So	0	ON	C
2f37	Kangxi Radical	Shoot	So	0	ON	C
2f38	Kangxi Radical	Bow	So	0	ON	C
2f39	Kangxi Radical	Snout	So	0	ON	C
2f3a	Kangxi Radical	Bristle	So	0	ON	C
2f3b	Kangxi Radical	Step	So	0	ON	C
2f3c	Kangxi Radical	Heart	So	0	ON	C
2f3d	Kangxi Radical	Halberd	So	0	ON	C
2f3e	Kangxi Radical	Door	So	0	ON	C
2f3f	Kangxi Radical	Hand	So	0	ON	C
2f40	Kangxi Radical	Branch	So	0	ON	C
2f41	Kangxi Radical	Rap	So	0	ON	C
2f42	Kangxi Radical	Script	So	0	ON	C
2f43	Kangxi Radical	Dipper	So	0	ON	C
2f44	Kangxi Radical	Axe	So	0	ON	C
2f45	Kangxi Radical	Square	So	0	ON	C
2f46	Kangxi Radical	Not	So	0	ON	C
2f47	Kangxi Radical	Sun	So	0	ON	C
2f48	Kangxi Radical	Say	So	0	ON	C
2f49	Kangxi Radical	Moon	So	0	ON	C
2f4a	Kangxi Radical	Tree	So	0	ON	C
2f4b	Kangxi Radical	Lack	So	0	ON	C
2f4c	Kangxi Radical	Stop	So	0	ON	C
2f4d	Kangxi Radical	Death	So	0	ON	C
2f4e	Kangxi Radical	Weapon	So	0	ON	C
2f4f	Kangxi Radical	Do Not	So	0	ON	C
2f50	Kangxi Radical	Compare	So	0	ON	C
2f51	Kangxi Radical	Fur	So	0	ON	C
2f52	Kangxi Radical	Clan	So	0	ON	C
2f53	Kangxi Radical	Steam	So	0	ON	C
2f54	Kangxi Radical	Water	So	0	ON	C
2f55	Kangxi Radical	Fire	So	0	ON	C
2f56	Kangxi Radical	Claw	So	0	ON	C
2f57	Kangxi Radical	Father	So	0	ON	C
2f58	Kangxi Radical	Double X	So	0	ON	C
2f59	Kangxi Radical	Half Tree Trunk	So	0	ON	C
2f5a	Kangxi Radical	Slice	So	0	ON	C
2f5b	Kangxi Radical	Fang	So	0	ON	C
2f5c	Kangxi Radical	Cow	So	0	ON	C
2f5d	Kangxi Radical	Dog	So	0	ON	C
2f5e	Kangxi Radical	Profound	So	0	ON	C
2f5f	Kangxi Radical	Jade	So	0	ON	C
2f60	Kangxi Radical	Melon	So	0	ON	C
2f61	Kangxi Radical	Tile	So	0	ON	C
2f62	Kangxi Radical	Sweet	So	0	ON	C
2f63	Kangxi Radical	Life	So	0	ON	C
2f64	Kangxi Radical	Use	So	0	ON	C
2f65	Kangxi Radical	Field	So	0	ON	C
2f66	Kangxi Radical	Bolt of Cloth	So	0	ON	C
2f67	Kangxi Radical	Sickness	So	0	ON	C
2f68	Kangxi Radical	Dotted Tent	So	0	ON	C
2f69	Kangxi Radical	White	So	0	ON	C
2f6a	Kangxi Radical	Skin	So	0	ON	C
2f6b	Kangxi Radical	Dish	So	0	ON	C
2f6c	Kangxi Radical	Eye	So	0	ON	C
2f6d	Kangxi Radical	Spear	So	0	ON	C
2f6e	Kangxi Radical	Arrow	So	0	ON	C
2f6f	Kangxi Radical	Stone	So	0	ON	C
2f70	Kangxi Radical	Spirit	So	0	ON	C
2f71	Kangxi Radical	Track	So	0	ON	C
2f72	Kangxi Radical	Grain	So	0	ON	C
2f73	Kangxi Radical	Cave	So	0	ON	C
2f74	Kangxi Radical	Stand	So	0	ON	C
2f75	Kangxi Radical	Bamboo	So	0	ON	C
2f76	Kangxi Radical	Rice	So	0	ON	C
2f77	Kangxi Radical	Silk	So	0	ON	C
2f78	Kangxi Radical	Jar	So	0	ON	C
2f79	Kangxi Radical	Net	So	0	ON	C
2f7a	Kangxi Radical	Sheep	So	0	ON	C
2f7b	Kangxi Radical	Feather	So	0	ON	C
2f7c	Kangxi Radical	Old	So	0	ON	C
2f7d	Kangxi Radical	And	So	0	ON	C
2f7e	Kangxi Radical	Plow	So	0	ON	C
2f7f	Kangxi Radical	Ear	So	0	ON	C
2f80	Kangxi Radical	Brush	So	0	ON	C
2f81	Kangxi Radical	Meat	So	0	ON	C
2f82	Kangxi Radical	Minister	So	0	ON	C
2f83	Kangxi Radical	Self	So	0	ON	C
2f84	Kangxi Radical	Arrive	So	0	ON	C
2f85	Kangxi Radical	Mortar	So	0	ON	C
2f86	Kangxi Radical	Tongue	So	0	ON	C
2f87	Kangxi Radical	Oppose	So	0	ON	C
2f88	Kangxi Radical	Boat	So	0	ON	C
2f89	Kangxi Radical	Stopping	So	0	ON	C
2f8a	Kangxi Radical	Color	So	0	ON	C
2f8b	Kangxi Radical	Grass	So	0	ON	C
2f8c	Kangxi Radical	Tiger	So	0	ON	C
2f8d	Kangxi Radical	Insect	So	0	ON	C
2f8e	Kangxi Radical	Blood	So	0	ON	C
2f8f	Kangxi Radical	Walk Enclosure	So	0	ON	C

2f90	Kangxi Radical Clothes	So	0	ON	C
2f91	Kangxi Radical West	So	0	ON	C
2f92	Kangxi Radical See	So	0	ON	C
2f93	Kangxi Radical Horn	So	0	ON	C
2f94	Kangxi Radical Speech	So	0	ON	C
2f95	Kangxi Radical Valley	So	0	ON	C
2f96	Kangxi Radical Bean	So	0	ON	C
2f97	Kangxi Radical Pig	So	0	ON	C
2f98	Kangxi Radical Badger	So	0	ON	C
2f99	Kangxi Radical Shell	So	0	ON	C
2f9a	Kangxi Radical Red	So	0	ON	C
2f9b	Kangxi Radical Run	So	0	ON	C
2f9c	Kangxi Radical Foot	So	0	ON	C
2f9d	Kangxi Radical Body	So	0	ON	C
2f9e	Kangxi Radical Cart	So	0	ON	C
2f9f	Kangxi Radical Bitter	So	0	ON	C
2fa0	Kangxi Radical Morning	So	0	ON	C
2fa1	Kangxi Radical Walk	So	0	ON	C
2fa2	Kangxi Radical City	So	0	ON	C
2fa3	Kangxi Radical Wine	So	0	ON	C
2fa4	Kangxi Radical Distinguish	So	0	ON	C
2fa5	Kangxi Radical Village	So	0	ON	C
2fa6	Kangxi Radical Gold	So	0	ON	C
2fa7	Kangxi Radical Long	So	0	ON	C
2fa8	Kangxi Radical Gate	So	0	ON	C
2fa9	Kangxi Radical Mound	So	0	ON	C
2faa	Kangxi Radical Slave	So	0	ON	C
2fab	Kangxi Radical Short Tailed Bird	So	0	ON	C
2fac	Kangxi Radical Rain	So	0	ON	C
2fad	Kangxi Radical Blue	So	0	ON	C
2fae	Kangxi Radical Wrong	So	0	ON	C
2faf	Kangxi Radical Face	So	0	ON	C
2fb0	Kangxi Radical Leather	So	0	ON	C
2fb1	Kangxi Radical Tanned Leather	So	0	ON	C
2fb2	Kangxi Radical Leek	So	0	ON	C
2fb3	Kangxi Radical Sound	So	0	ON	C
2fb4	Kangxi Radical Leaf	So	0	ON	C
2fb5	Kangxi Radical Wind	So	0	ON	C
2fb6	Kangxi Radical Fly	So	0	ON	C
2fb7	Kangxi Radical Eat	So	0	ON	C
2fb8	Kangxi Radical Head	So	0	ON	C
2fb9	Kangxi Radical Fragrant	So	0	ON	C
2fba	Kangxi Radical Horse	So	0	ON	C
2fbb	Kangxi Radical Bone	So	0	ON	C
2fbc	Kangxi Radical Tall	So	0	ON	C
2fbd	Kangxi Radical Hair	So	0	ON	C
2fbe	Kangxi Radical Fight	So	0	ON	C
2fbf	Kangxi Radical Sacrificial Wine	So	0	ON	C
2fc0	Kangxi Radical Cauldron	So	0	ON	C
2fc1	Kangxi Radical Ghost	So	0	ON	C
2fc2	Kangxi Radical Fish	So	0	ON	C
2fc3	Kangxi Radical Bird	So	0	ON	C
2fc4	Kangxi Radical Salt	So	0	ON	C
2fc5	Kangxi Radical Deer	So	0	ON	C
2fc6	Kangxi Radical Wheat	So	0	ON	C
2fc7	Kangxi Radical Hemp	So	0	ON	C
2fc8	Kangxi Radical Yellow	So	0	ON	C
2fc9	Kangxi Radical Millet	So	0	ON	C
2fca	Kangxi Radical Black	So	0	ON	C
2fcb	Kangxi Radical Embroidery	So	0	ON	C
2fcc	Kangxi Radical Frog	So	0	ON	C
2fcd	Kangxi Radical Tripod	So	0	ON	C
2fce	Kangxi Radical Drum	So	0	ON	C
2fcf	Kangxi Radical Rat	So	0	ON	C
2fd0	Kangxi Radical Nose	So	0	ON	C
2fd1	Kangxi Radical Even	So	0	ON	C
2fd2	Kangxi Radical Tooth	So	0	ON	C
2fd3	Kangxi Radical Dragon	So	0	ON	C
2fd4	Kangxi Radical Turtle	So	0	ON	C
2fd5	Kangxi Radical Flute	So	0	ON	C

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Ideographic Description Characters (2FF0 to 2FFF)
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IDC/ = Ideographic Description Character

Hex	Character	Gen	Cmb	Bid	Map
2ff0	IDC/L to R	So	0	ON	
2ff1	IDC/Above to Below	So	0	ON	
2ff2	IDC/L to Middle & R	So	0	ON	
2ff3	IDC/Above to Middle & Below	So	0	ON	
2ff4	IDC/Full Surround	So	0	ON	
2ff5	IDC/Surround From Above	So	0	ON	
2ff6	IDC/Surround From Below	So	0	ON	
2ff7	IDC/Surround From L	So	0	ON	
2ff8	IDC/Surround From Upper L	So	0	ON	
2ff9	IDC/Surround From Upper R	So	0	ON	
2ffa	IDC/Surround From Lower L	So	0	ON	
2ffb	IDC/Overlaid	So	0	ON	

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CJK Symbols and Punctuation (3000 to 303F)
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Hex	Character	Gen	Cmb	Bid	Map
3000	Ideographic Space	Zs	0	Ws	W
3001	Ideographic Comma	Po	0	ON	
3002	Ideographic Full Stop	Po	0	ON	
3003	Ditto Mark	Po	0	ON	

3004	Japanese Industrial Standard Symbol	So	0	ON
3005	Ideographic Iteration Mark	Lm	0	L
3006	Ideographic Closing Mark	Lo	0	L
3007	Ideographic Number Zero	Nl	0	L
3008	L Angle Bracket	Ps	0	ON
3009	R Angle Bracket	Pe	0	ON
300a	L Double Angle Bracket	Ps	0	ON
300b	R Double Angle Bracket	Pe	0	ON
300c	L Corner Bracket	Ps	0	ON
300d	R Corner Bracket	Pe	0	ON
300e	L White Corner Bracket	Ps	0	ON
300f	R White Corner Bracket	Pe	0	ON
3010	L Black Lenticular Bracket	Ps	0	ON
3011	R Black Lenticular Bracket	Pe	0	ON
3012	Postal Mark	So	0	ON
3013	Geta Mark	So	0	ON
3014	L Tortoise Shell Bracket	Ps	0	ON
3015	R Tortoise Shell Bracket	Pe	0	ON
3016	L White Lenticular Bracket	Ps	0	ON
3017	R White Lenticular Bracket	Pe	0	ON
3018	L White Tortoise Shell Bracket	Ps	0	ON
3019	R White Tortoise Shell Bracket	Pe	0	ON
301a	L White Square Bracket	Ps	0	ON
301b	R White Square Bracket	Pe	0	ON
301c	Wave Dash	Pd	0	ON
301d	Reversed Double Prime Quotation Mark	Ps	0	ON
301e	Double Prime Quotation Mark	Pe	0	ON
301f	Low Double Prime Quotation Mark	Pe	0	ON
3020	Postal Mark Face	So	0	ON
3021	Hangzhou Numeral One	Nl	0	L
3022	Hangzhou Numeral Two	Nl	0	L
3023	Hangzhou Numeral Three	Nl	0	L
3024	Hangzhou Numeral Four	Nl	0	L
3025	Hangzhou Numeral Five	Nl	0	L
3026	Hangzhou Numeral Six	Nl	0	L
3027	Hangzhou Numeral Seven	Nl	0	L
3028	Hangzhou Numeral Eight	Nl	0	L
3029	Hangzhou Numeral Nine	Nl	0	L
302a	Ideographic Level Tone Mark	Mn	218	NSM
302b	Ideographic Rising Tone Mark	Mn	228	NSM
302c	Ideographic Departing Tone Mark	Mn	232	NSM
302d	Ideographic Entering Tone Mark	Mn	222	NSM
302e	Hangul Single Dot Tone Mark	Mn	224	NSM
302f	Hangul Double Dot Tone Mark	Mn	224	NSM
3030	Wavy Dash	Pd	0	ON
3031	Vert Kana Repeat Mark	Lm	0	L
3032	Vert Kana Repeat w Voiced Sound Mark	Lm	0	L
3033	Vert Kana Repeat Mark Upper Half	Lm	0	L
3034	Vert Kana Repeat w Voiced Sound Mark Upper Half	Lm	0	L
3035	Vert Kana Repeat Mark Lower Half	Lm	0	L
3036	Circled Postal Mark	So	0	ON C
3037	Ideographic Telegraph Line Feed Separator Symbol	So	0	ON
3038	Hangzhou Numeral Ten	Nl	0	L C10
3039	Hangzhou Numeral Twenty	Nl	0	L C
303a	Hangzhou Numeral Thirty	Nl	0	L C
303b	Vert Ideographic Iteration Mark	Lm	0	L
303c	Masu Mark	Lo	0	L
303d	Part Alternation Mark	Po	0	ON
303e	Ideographic Variation Indicator	So	0	ON
303f	Ideographic Half Fill Space	So	0	ON

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Hiragana (3040 to 309F)
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Hex	Character	Gen	Cmb	Bid	Map
3041	Hiragana Letter Small A	Lo	0	L	
3042	Hiragana Letter A	Lo	0	L	
3043	Hiragana Letter Small I	Lo	0	L	
3044	Hiragana Letter I	Lo	0	L	
3045	Hiragana Letter Small U	Lo	0	L	
3046	Hiragana Letter U	Lo	0	L	
3047	Hiragana Letter Small E	Lo	0	L	
3048	Hiragana Letter E	Lo	0	L	
3049	Hiragana Letter Small O	Lo	0	L	
304a	Hiragana Letter O	Lo	0	L	
304b	Hiragana Letter Ka	Lo	0	L	
304c	Hiragana Letter Ga	Lo	0	L	
304d	Hiragana Letter Ki	Lo	0	L	
304e	Hiragana Letter Gi	Lo	0	L	
304f	Hiragana Letter Ku	Lo	0	L	
3050	Hiragana Letter Gu	Lo	0	L	
3051	Hiragana Letter Ke	Lo	0	L	
3052	Hiragana Letter Ge	Lo	0	L	
3053	Hiragana Letter Ko	Lo	0	L	
3054	Hiragana Letter Go	Lo	0	L	
3055	Hiragana Letter Sa	Lo	0	L	
3056	Hiragana Letter Za	Lo	0	L	
3057	Hiragana Letter Si	Lo	0	L	
3058	Hiragana Letter Zi	Lo	0	L	
3059	Hiragana Letter Su	Lo	0	L	
305a	Hiragana Letter Zu	Lo	0	L	
305b	Hiragana Letter Se	Lo	0	L	
305c	Hiragana Letter Ze	Lo	0	L	
305d	Hiragana Letter So	Lo	0	L	
305e	Hiragana Letter Zo	Lo	0	L	
305f	Hiragana Letter Ta	Lo	0	L	
3060	Hiragana Letter Da	Lo	0	L	
3061	Hiragana Letter Ti	Lo	0	L	
3062	Hiragana Letter Di	Lo	0	L	
3063	Hiragana Letter Small Tu	Lo	0	L	
3064	Hiragana Letter Tu	Lo	0	L	

3065	Hiragana Letter Du	Lo	0	L
3066	Hiragana Letter Te	Lo	0	L
3067	Hiragana Letter De	Lo	0	L
3068	Hiragana Letter to	Lo	0	L
3069	Hiragana Letter Do	Lo	0	L
306a	Hiragana Letter Na	Lo	0	L
306b	Hiragana Letter Ni	Lo	0	L
306c	Hiragana Letter Nu	Lo	0	L
306d	Hiragana Letter Ne	Lo	0	L
306e	Hiragana Letter No	Lo	0	L
306f	Hiragana Letter Ha	Lo	0	L
3070	Hiragana Letter Ba	Lo	0	L
3071	Hiragana Letter Pa	Lo	0	L
3072	Hiragana Letter Hi	Lo	0	L
3073	Hiragana Letter Bi	Lo	0	L
3074	Hiragana Letter Pi	Lo	0	L
3075	Hiragana Letter Hu	Lo	0	L
3076	Hiragana Letter Bu	Lo	0	L
3077	Hiragana Letter Pu	Lo	0	L
3078	Hiragana Letter He	Lo	0	L
3079	Hiragana Letter Be	Lo	0	L
307a	Hiragana Letter Pe	Lo	0	L
307b	Hiragana Letter Ho	Lo	0	L
307c	Hiragana Letter Bo	Lo	0	L
307d	Hiragana Letter Po	Lo	0	L
307e	Hiragana Letter Ma	Lo	0	L
307f	Hiragana Letter Mi	Lo	0	L
3080	Hiragana Letter Mu	Lo	0	L
3081	Hiragana Letter Me	Lo	0	L
3082	Hiragana Letter Mo	Lo	0	L
3083	Hiragana Letter Small Ya	Lo	0	L
3084	Hiragana Letter Ya	Lo	0	L
3085	Hiragana Letter Small Yu	Lo	0	L
3086	Hiragana Letter Yu	Lo	0	L
3087	Hiragana Letter Small Yo	Lo	0	L
3088	Hiragana Letter Yo	Lo	0	L
3089	Hiragana Letter Ra	Lo	0	L
308a	Hiragana Letter Ri	Lo	0	L
308b	Hiragana Letter Ru	Lo	0	L
308c	Hiragana Letter Re	Lo	0	L
308d	Hiragana Letter Ro	Lo	0	L
308e	Hiragana Letter Small Wa	Lo	0	L
308f	Hiragana Letter Wa	Lo	0	L
3090	Hiragana Letter Wi	Lo	0	L
3091	Hiragana Letter We	Lo	0	L
3092	Hiragana Letter Wo	Lo	0	L
3093	Hiragana Letter N	Lo	0	L
3094	Hiragana Letter Vu	Lo	0	L
3095	Hiragana Letter Small Ka	Lo	0	L
3096	Hiragana Letter Small Ke	Lo	0	L
3099	Combining Katakana-Hiragana Voiced Sound Mark	Mn	8	NSM
309a	Combining Katakana-Hiragana Semi-Voiced Sound Mark	Mn	8	NSM
309b	Katakana-Hiragana Voiced Sound Mark	Sk	0	ON C
309c	Katakana-Hiragana Semi-Voiced Sound Mark	Sk	0	ON C
309d	Hiragana Iteration Mark	Lm	0	L
309e	Hiragana Voiced Iteration Mark	Lm	0	L
309f	Hiragana Digraph Yori	Lo	0	L V

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Katakana (30A0 to 30FF)
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Hex	Character	Gen	Cmb	Bid	Map
30a0	Katakana-Hiragana Double Hyphen	Pd	0	ON	
30a1	Katakana Letter Small A	Lo	0	L	
30a2	Katakana Letter A	Lo	0	L	
30a3	Katakana Letter Small I	Lo	0	L	
30a4	Katakana Letter I	Lo	0	L	
30a5	Katakana Letter Small U	Lo	0	L	
30a6	Katakana Letter U	Lo	0	L	
30a7	Katakana Letter Small E	Lo	0	L	
30a8	Katakana Letter E	Lo	0	L	
30a9	Katakana Letter Small O	Lo	0	L	
30aa	Katakana Letter O	Lo	0	L	
30ab	Katakana Letter Ka	Lo	0	L	
30ac	Katakana Letter Ga	Lo	0	L	
30ad	Katakana Letter Ki	Lo	0	L	
30ae	Katakana Letter Gi	Lo	0	L	
30af	Katakana Letter Ku	Lo	0	L	
30b0	Katakana Letter Gu	Lo	0	L	
30b1	Katakana Letter Ke	Lo	0	L	
30b2	Katakana Letter Ge	Lo	0	L	
30b3	Katakana Letter Ko	Lo	0	L	
30b4	Katakana Letter Go	Lo	0	L	
30b5	Katakana Letter Sa	Lo	0	L	
30b6	Katakana Letter Za	Lo	0	L	
30b7	Katakana Letter Si	Lo	0	L	
30b8	Katakana Letter Zi	Lo	0	L	
30b9	Katakana Letter Su	Lo	0	L	
30ba	Katakana Letter Zu	Lo	0	L	
30bb	Katakana Letter Se	Lo	0	L	
30bc	Katakana Letter Ze	Lo	0	L	
30bd	Katakana Letter So	Lo	0	L	
30be	Katakana Letter Zo	Lo	0	L	
30bf	Katakana Letter Ta	Lo	0	L	
30c0	Katakana Letter Da	Lo	0	L	
30c1	Katakana Letter Ti	Lo	0	L	
30c2	Katakana Letter Di	Lo	0	L	
30c3	Katakana Letter Small Tu	Lo	0	L	
30c4	Katakana Letter Tu	Lo	0	L	
30c5	Katakana Letter Du	Lo	0	L	
30c6	Katakana Letter Te	Lo	0	L	

30c7	Katakana Letter De	Lo	0	L
30c8	Katakana Letter to	Lo	0	L
30c9	Katakana Letter Do	Lo	0	L
30ca	Katakana Letter Na	Lo	0	L
30cb	Katakana Letter Ni	Lo	0	L
30cc	Katakana Letter Nu	Lo	0	L
30cd	Katakana Letter Ne	Lo	0	L
30ce	Katakana Letter No	Lo	0	L
30cf	Katakana Letter Ha	Lo	0	L
30d0	Katakana Letter Ba	Lo	0	L
30d1	Katakana Letter Pa	Lo	0	L
30d2	Katakana Letter Hi	Lo	0	L
30d3	Katakana Letter Bi	Lo	0	L
30d4	Katakana Letter Pi	Lo	0	L
30d5	Katakana Letter Hu	Lo	0	L
30d6	Katakana Letter Bu	Lo	0	L
30d7	Katakana Letter Pu	Lo	0	L
30d8	Katakana Letter He	Lo	0	L
30d9	Katakana Letter Be	Lo	0	L
30da	Katakana Letter Pe	Lo	0	L
30db	Katakana Letter Ho	Lo	0	L
30dc	Katakana Letter Bo	Lo	0	L
30dd	Katakana Letter Po	Lo	0	L
30de	Katakana Letter Ma	Lo	0	L
30df	Katakana Letter Mi	Lo	0	L
30e0	Katakana Letter Mu	Lo	0	L
30e1	Katakana Letter Me	Lo	0	L
30e2	Katakana Letter Mo	Lo	0	L
30e3	Katakana Letter Small Ya	Lo	0	L
30e4	Katakana Letter Ya	Lo	0	L
30e5	Katakana Letter Small Yu	Lo	0	L
30e6	Katakana Letter Yu	Lo	0	L
30e7	Katakana Letter Small Yo	Lo	0	L
30e8	Katakana Letter Yo	Lo	0	L
30e9	Katakana Letter Ra	Lo	0	L
30ea	Katakana Letter Ri	Lo	0	L
30eb	Katakana Letter Ru	Lo	0	L
30ec	Katakana Letter Re	Lo	0	L
30ed	Katakana Letter Ro	Lo	0	L
30ee	Katakana Letter Small Wa	Lo	0	L
30ef	Katakana Letter Wa	Lo	0	L
30f0	Katakana Letter Wi	Lo	0	L
30f1	Katakana Letter We	Lo	0	L
30f2	Katakana Letter Wo	Lo	0	L
30f3	Katakana Letter N	Lo	0	L
30f4	Katakana Letter Vu	Lo	0	L
30f5	Katakana Letter Small Ka	Lo	0	L
30f6	Katakana Letter Small Ke	Lo	0	L
30f7	Katakana Letter Va	Lo	0	L
30f8	Katakana Letter Vi	Lo	0	L
30f9	Katakana Letter Ve	Lo	0	L
30fa	Katakana Letter Vo	Lo	0	L
30fb	Katakana Middle Dot	Pc	0	ON
30fc	Katakana-Hiragana Prolonged Sound Mark	Lm	0	L
30fd	Katakana Iteration Mark	Lm	0	L
30fe	Katakana Voiced Iteration Mark	Lm	0	L
30ff	Katakana Digraph Koto	Lo	0	L V

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Bopomofo (3100 to 312F)
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Hex	Character	Gen	Cmb	Bid	Map
3105	Bopomofo Letter B	Lo	0	L	
3106	Bopomofo Letter P	Lo	0	L	
3107	Bopomofo Letter M	Lo	0	L	
3108	Bopomofo Letter F	Lo	0	L	
3109	Bopomofo Letter D	Lo	0	L	
310a	Bopomofo Letter T	Lo	0	L	
310b	Bopomofo Letter N	Lo	0	L	
310c	Bopomofo Letter L	Lo	0	L	
310d	Bopomofo Letter G	Lo	0	L	
310e	Bopomofo Letter K	Lo	0	L	
310f	Bopomofo Letter H	Lo	0	L	
3110	Bopomofo Letter J	Lo	0	L	
3111	Bopomofo Letter Q	Lo	0	L	
3112	Bopomofo Letter X	Lo	0	L	
3113	Bopomofo Letter Zh	Lo	0	L	
3114	Bopomofo Letter Ch	Lo	0	L	
3115	Bopomofo Letter Sh	Lo	0	L	
3116	Bopomofo Letter R	Lo	0	L	
3117	Bopomofo Letter Z	Lo	0	L	
3118	Bopomofo Letter C	Lo	0	L	
3119	Bopomofo Letter S	Lo	0	L	
311a	Bopomofo Letter A	Lo	0	L	
311b	Bopomofo Letter O	Lo	0	L	
311c	Bopomofo Letter E	Lo	0	L	
311d	Bopomofo Letter Eh	Lo	0	L	
311e	Bopomofo Letter Ai	Lo	0	L	
311f	Bopomofo Letter Ei	Lo	0	L	
3120	Bopomofo Letter Au	Lo	0	L	
3121	Bopomofo Letter Ou	Lo	0	L	
3122	Bopomofo Letter An	Lo	0	L	
3123	Bopomofo Letter En	Lo	0	L	
3124	Bopomofo Letter Ang	Lo	0	L	
3125	Bopomofo Letter Eng	Lo	0	L	
3126	Bopomofo Letter Er	Lo	0	L	
3127	Bopomofo Letter I	Lo	0	L	
3128	Bopomofo Letter U	Lo	0	L	
3129	Bopomofo Letter Iu	Lo	0	L	
312a	Bopomofo Letter V	Lo	0	L	
312b	Bopomofo Letter Ng	Lo	0	L	

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 Hangul Compatibility Jamo (3130 to 318F)
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Hex	Character	Gen	Cmb	Bid	Map
3131	Hangul Letter Kiyеok	Lo	0	L	C
3132	Hangul Letter Ssangkiyeok	Lo	0	L	C
3133	Hangul Letter Kiyеok-Sios	Lo	0	L	C
3134	Hangul Letter Nieun	Lo	0	L	C
3135	Hangul Letter Nieun-Cieuc	Lo	0	L	C
3136	Hangul Letter Nieun-Hieuh	Lo	0	L	C
3137	Hangul Letter Tikeut	Lo	0	L	C
3138	Hangul Letter Ssangtikeut	Lo	0	L	C
3139	Hangul Letter Rieul	Lo	0	L	C
313a	Hangul Letter Rieul-Kiyеok	Lo	0	L	C
313b	Hangul Letter Rieul-Mieum	Lo	0	L	C
313c	Hangul Letter Rieul-Pieup	Lo	0	L	C
313d	Hangul Letter Rieul-Sios	Lo	0	L	C
313e	Hangul Letter Rieul-Thieuth	Lo	0	L	C
313f	Hangul Letter Rieul-Phieuph	Lo	0	L	C
3140	Hangul Letter Rieul-Hieuh	Lo	0	L	C
3141	Hangul Letter Mieum	Lo	0	L	C
3142	Hangul Letter Pieup	Lo	0	L	C
3143	Hangul Letter Ssangpieup	Lo	0	L	C
3144	Hangul Letter Pieup-Sios	Lo	0	L	C
3145	Hangul Letter Sios	Lo	0	L	C
3146	Hangul Letter Ssangsios	Lo	0	L	C
3147	Hangul Letter Ieung	Lo	0	L	C
3148	Hangul Letter Cieuc	Lo	0	L	C
3149	Hangul Letter Ssangcieuc	Lo	0	L	C
314a	Hangul Letter Chieuch	Lo	0	L	C
314b	Hangul Letter Khieukh	Lo	0	L	C
314c	Hangul Letter Thieuth	Lo	0	L	C
314d	Hangul Letter Phieuph	Lo	0	L	C
314e	Hangul Letter Hieuh	Lo	0	L	C
314f	Hangul Letter A	Lo	0	L	C
3150	Hangul Letter Ae	Lo	0	L	C
3151	Hangul Letter Ya	Lo	0	L	C
3152	Hangul Letter Yae	Lo	0	L	C
3153	Hangul Letter Eo	Lo	0	L	C
3154	Hangul Letter E	Lo	0	L	C
3155	Hangul Letter Yeo	Lo	0	L	C
3156	Hangul Letter Ye	Lo	0	L	C
3157	Hangul Letter O	Lo	0	L	C
3158	Hangul Letter Wa	Lo	0	L	C
3159	Hangul Letter Wae	Lo	0	L	C
315a	Hangul Letter Oe	Lo	0	L	C
315b	Hangul Letter Yo	Lo	0	L	C
315c	Hangul Letter U	Lo	0	L	C
315d	Hangul Letter Weo	Lo	0	L	C
315e	Hangul Letter We	Lo	0	L	C
315f	Hangul Letter Wi	Lo	0	L	C
3160	Hangul Letter Yu	Lo	0	L	C
3161	Hangul Letter Eu	Lo	0	L	C
3162	Hangul Letter Yi	Lo	0	L	C
3163	Hangul Letter I	Lo	0	L	C
3164	Hangul Filler	Lo	0	L	C
3165	Hangul Letter Ssangnieun	Lo	0	L	C
3166	Hangul Letter Nieun-Tikeut	Lo	0	L	C
3167	Hangul Letter Nieun-Sios	Lo	0	L	C
3168	Hangul Letter Nieun-Pansios	Lo	0	L	C
3169	Hangul Letter Rieul-Kiyеok-Sios	Lo	0	L	C
316a	Hangul Letter Rieul-Tikeut	Lo	0	L	C
316b	Hangul Letter Rieul-Pieup-Sios	Lo	0	L	C
316c	Hangul Letter Rieul-Pansios	Lo	0	L	C
316d	Hangul Letter Rieul-Yeorinhieuh	Lo	0	L	C
316e	Hangul Letter Mieum-Pieup	Lo	0	L	C
316f	Hangul Letter Mieum-Sios	Lo	0	L	C
3170	Hangul Letter Mieum-Pansios	Lo	0	L	C
3171	Hangul Letter Kapyeounmieum	Lo	0	L	C
3172	Hangul Letter Pieup-Kiyеok	Lo	0	L	C
3173	Hangul Letter Pieup-Tikeut	Lo	0	L	C
3174	Hangul Letter Pieup-Sios-Kiyеok	Lo	0	L	C
3175	Hangul Letter Pieup-Sios-Tikeut	Lo	0	L	C
3176	Hangul Letter Pieup-Cieuc	Lo	0	L	C
3177	Hangul Letter Pieup-Thieuth	Lo	0	L	C
3178	Hangul Letter Kapyeounpieup	Lo	0	L	C
3179	Hangul Letter Kapyeounssangpieup	Lo	0	L	C
317a	Hangul Letter Sios-Kiyеok	Lo	0	L	C
317b	Hangul Letter Sios-Nieun	Lo	0	L	C
317c	Hangul Letter Sios-Tikeut	Lo	0	L	C
317d	Hangul Letter Sios-Pieup	Lo	0	L	C
317e	Hangul Letter Sios-Cieuc	Lo	0	L	C
317f	Hangul Letter Pansios	Lo	0	L	C
3180	Hangul Letter Ssangieung	Lo	0	L	C
3181	Hangul Letter Yesieung	Lo	0	L	C
3182	Hangul Letter Yesieung-Sios	Lo	0	L	C
3183	Hangul Letter Yesieung-Pansios	Lo	0	L	C
3184	Hangul Letter Kapyeounphieuph	Lo	0	L	C
3185	Hangul Letter Ssanghieuh	Lo	0	L	C
3186	Hangul Letter Yeorinhieuh	Lo	0	L	C
3187	Hangul Letter Yo-Ya	Lo	0	L	C
3188	Hangul Letter Yo-Yae	Lo	0	L	C
3189	Hangul Letter Yo-I	Lo	0	L	C
318a	Hangul Letter Yu-Yeo	Lo	0	L	C
318b	Hangul Letter Yu-Ye	Lo	0	L	C
318c	Hangul Letter Yu-I	Lo	0	L	C
318d	Hangul Letter Araea	Lo	0	L	C
318e	Hangul Letter Araeae	Lo	0	L	C

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 Kanbun (3190 to 319F)
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Hex	Character	Gen	Cmb	Bid	Map
3190	Ideographic Annotation Linking Mark	So	0	L	
3191	Ideographic Annotation Reverse Mark	So	0	L	
3192	Ideographic Annotation One Mark	No	0	L	+
3193	Ideographic Annotation Two Mark	No	0	L	+
3194	Ideographic Annotation Three Mark	No	0	L	+
3195	Ideographic Annotation Four Mark	No	0	L	+
3196	Ideographic Annotation Top Mark	So	0	L	+
3197	Ideographic Annotation Middle Mark	So	0	L	+
3198	Ideographic Annotation Bottom Mark	So	0	L	+
3199	Ideographic Annotation First Mark	So	0	L	+
319a	Ideographic Annotation Second Mark	So	0	L	+
319b	Ideographic Annotation Third Mark	So	0	L	+
319c	Ideographic Annotation Fourth Mark	So	0	L	+
319d	Ideographic Annotation Heaven Mark	So	0	L	+
319e	Ideographic Annotation Earth Mark	So	0	L	+
319f	Ideographic Annotation Man Mark	So	0	L	+

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 Bopomofo Extended (31A0 to 31BF)
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Hex	Character	Gen	Cmb	Bid	Map
31a0	Bopomofo Letter Bu	Lo	0	L	
31a1	Bopomofo Letter Zi	Lo	0	L	
31a2	Bopomofo Letter Ji	Lo	0	L	
31a3	Bopomofo Letter Gu	Lo	0	L	
31a4	Bopomofo Letter Ee	Lo	0	L	
31a5	Bopomofo Letter Enn	Lo	0	L	
31a6	Bopomofo Letter Oo	Lo	0	L	
31a7	Bopomofo Letter Onn	Lo	0	L	
31a8	Bopomofo Letter Ir	Lo	0	L	
31a9	Bopomofo Letter Ann	Lo	0	L	
31aa	Bopomofo Letter Inn	Lo	0	L	
31ab	Bopomofo Letter Unn	Lo	0	L	
31ac	Bopomofo Letter Im	Lo	0	L	
31ad	Bopomofo Letter Ngg	Lo	0	L	
31ae	Bopomofo Letter Ainn	Lo	0	L	
31af	Bopomofo Letter Aunn	Lo	0	L	
31b0	Bopomofo Letter Am	Lo	0	L	
31b1	Bopomofo Letter Om	Lo	0	L	
31b2	Bopomofo Letter Ong	Lo	0	L	
31b3	Bopomofo Letter Innn	Lo	0	L	
31b4	Bopomofo Final Letter P	Lo	0	L	
31b5	Bopomofo Final Letter T	Lo	0	L	
31b6	Bopomofo Final Letter K	Lo	0	L	
31b7	Bopomofo Final Letter H	Lo	0	L	

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 Katakana Phonetic Extensions (31F0 to 31FF)
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Hex	Character	Gen	Cmb	Bid	Map
31f0	Katakana Letter Small Ku	Lo	0	L	
31f1	Katakana Letter Small Si	Lo	0	L	
31f2	Katakana Letter Small Su	Lo	0	L	
31f3	Katakana Letter Small to	Lo	0	L	
31f4	Katakana Letter Small Nu	Lo	0	L	
31f5	Katakana Letter Small Ha	Lo	0	L	
31f6	Katakana Letter Small Hi	Lo	0	L	
31f7	Katakana Letter Small Hu	Lo	0	L	
31f8	Katakana Letter Small He	Lo	0	L	
31f9	Katakana Letter Small Ho	Lo	0	L	
31fa	Katakana Letter Small Mu	Lo	0	L	
31fb	Katakana Letter Small Ra	Lo	0	L	
31fc	Katakana Letter Small Ri	Lo	0	L	
31fd	Katakana Letter Small Ru	Lo	0	L	
31fe	Katakana Letter Small Re	Lo	0	L	
31ff	Katakana Letter Small Ro	Lo	0	L	

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 Enclosed CJK Letters and Months (3200 to 32FF)
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ITS/ = Ideographic Telegraph Symbol

Hex	Character	Gen	Cmb	Bid	Map
3200	Parenthesized Hangul Kiyook	So	0	L	C
3201	Parenthesized Hangul Nieun	So	0	L	C
3202	Parenthesized Hangul Tikeut	So	0	L	C
3203	Parenthesized Hangul Rieul	So	0	L	C
3204	Parenthesized Hangul Mieum	So	0	L	C
3205	Parenthesized Hangul Pieup	So	0	L	C
3206	Parenthesized Hangul Sios	So	0	L	C
3207	Parenthesized Hangul Ieung	So	0	L	C
3208	Parenthesized Hangul Cieuc	So	0	L	C
3209	Parenthesized Hangul Chieuch	So	0	L	C
320a	Parenthesized Hangul Khieukh	So	0	L	C
320b	Parenthesized Hangul Thieuth	So	0	L	C
320c	Parenthesized Hangul Phieuph	So	0	L	C
320d	Parenthesized Hangul Hieuh	So	0	L	C
320e	Parenthesized Hangul Kiyook A	So	0	L	C
320f	Parenthesized Hangul Nieun A	So	0	L	C

3210	Parenthesized Hangul Tikeut A	So	0	L	C
3211	Parenthesized Hangul Rieul A	So	0	L	C
3212	Parenthesized Hangul Mieum A	So	0	L	C
3213	Parenthesized Hangul Pieup A	So	0	L	C
3214	Parenthesized Hangul Sios A	So	0	L	C
3215	Parenthesized Hangul Ieung A	So	0	L	C
3216	Parenthesized Hangul Cieuc A	So	0	L	C
3217	Parenthesized Hangul Chieuch A	So	0	L	C
3218	Parenthesized Hangul Khieukh A	So	0	L	C
3219	Parenthesized Hangul Thieuth A	So	0	L	C
321a	Parenthesized Hangul Phieuph A	So	0	L	C
321b	Parenthesized Hangul Hieuh A	So	0	L	C
321c	Parenthesized Hangul Cieuc U	So	0	L	C
3220	Parenthesized Ideograph One	No	0	L	C
3221	Parenthesized Ideograph Two	No	0	L	C
3222	Parenthesized Ideograph Three	No	0	L	C
3223	Parenthesized Ideograph Four	No	0	L	C
3224	Parenthesized Ideograph Five	No	0	L	C
3225	Parenthesized Ideograph Six	No	0	L	C
3226	Parenthesized Ideograph Seven	No	0	L	C
3227	Parenthesized Ideograph Eight	No	0	L	C
3228	Parenthesized Ideograph Nine	No	0	L	C
3229	Parenthesized Ideograph Ten	No	0	L	C
322a	Parenthesized Ideograph Moon	So	0	L	C
322b	Parenthesized Ideograph Fire	So	0	L	C
322c	Parenthesized Ideograph Water	So	0	L	C
322d	Parenthesized Ideograph Wood	So	0	L	C
322e	Parenthesized Ideograph Metal	So	0	L	C
322f	Parenthesized Ideograph Earth	So	0	L	C
3230	Parenthesized Ideograph Sun	So	0	L	C
3231	Parenthesized Ideograph Stock	So	0	L	C
3232	Parenthesized Ideograph Have	So	0	L	C
3233	Parenthesized Ideograph Society	So	0	L	C
3234	Parenthesized Ideograph Name	So	0	L	C
3235	Parenthesized Ideograph Special	So	0	L	C
3236	Parenthesized Ideograph Financial	So	0	L	C
3237	Parenthesized Ideograph Congratulation	So	0	L	C
3238	Parenthesized Ideograph Labor	So	0	L	C
3239	Parenthesized Ideograph Represent	So	0	L	C
323a	Parenthesized Ideograph Call	So	0	L	C
323b	Parenthesized Ideograph Study	So	0	L	C
323c	Parenthesized Ideograph Supervise	So	0	L	C
323d	Parenthesized Ideograph Enterprise	So	0	L	C
323e	Parenthesized Ideograph Resource	So	0	L	C
323f	Parenthesized Ideograph Alliance	So	0	L	C
3240	Parenthesized Ideograph Festival	So	0	L	C
3241	Parenthesized Ideograph Rest	So	0	L	C
3242	Parenthesized Ideograph Self	So	0	L	C
3243	Parenthesized Ideograph Reach	So	0	L	C
3251	Circled Number Twenty One	No	0	ON	0
3252	Circled Number Twenty Two	No	0	ON	0
3253	Circled Number Twenty Three	No	0	ON	0
3254	Circled Number Twenty Four	No	0	ON	0
3255	Circled Number Twenty Five	No	0	ON	0
3256	Circled Number Twenty Six	No	0	ON	0
3257	Circled Number Twenty Seven	No	0	ON	0
3258	Circled Number Twenty Eight	No	0	ON	0
3259	Circled Number Twenty Nine	No	0	ON	0
325a	Circled Number Thirty	No	0	ON	0
325b	Circled Number Thirty One	No	0	ON	0
325c	Circled Number Thirty Two	No	0	ON	0
325d	Circled Number Thirty Three	No	0	ON	0
325e	Circled Number Thirty Four	No	0	ON	0
325f	Circled Number Thirty Five	No	0	ON	0
3260	Circled Hangul Kiyek	So	0	L	0
3261	Circled Hangul Nieun	So	0	L	0
3262	Circled Hangul Tikeut	So	0	L	0
3263	Circled Hangul Rieul	So	0	L	0
3264	Circled Hangul Mieum	So	0	L	0
3265	Circled Hangul Pieup	So	0	L	0
3266	Circled Hangul Sios	So	0	L	0
3267	Circled Hangul Ieung	So	0	L	0
3268	Circled Hangul Cieuc	So	0	L	0
3269	Circled Hangul Chieuch	So	0	L	0
326a	Circled Hangul Khieukh	So	0	L	0
326b	Circled Hangul Thieuth	So	0	L	0
326c	Circled Hangul Phieuph	So	0	L	0
326d	Circled Hangul Hieuh	So	0	L	0
326e	Circled Hangul Kiyek A	So	0	L	0
326f	Circled Hangul Nieun A	So	0	L	0
3270	Circled Hangul Tikeut A	So	0	L	0
3271	Circled Hangul Rieul A	So	0	L	0
3272	Circled Hangul Mieum A	So	0	L	0
3273	Circled Hangul Pieup A	So	0	L	0
3274	Circled Hangul Sios A	So	0	L	0
3275	Circled Hangul Ieung A	So	0	L	0
3276	Circled Hangul Cieuc A	So	0	L	0
3277	Circled Hangul Chieuch A	So	0	L	0
3278	Circled Hangul Khieukh A	So	0	L	0
3279	Circled Hangul Thieuth A	So	0	L	0
327a	Circled Hangul Phieuph A	So	0	L	0
327b	Circled Hangul Hieuh A	So	0	L	0
327f	Korean Standard Symbol	So	0	L	
3280	Circled Ideograph One	No	0	L	0
3281	Circled Ideograph Two	No	0	L	0
3282	Circled Ideograph Three	No	0	L	0
3283	Circled Ideograph Four	No	0	L	0
3284	Circled Ideograph Five	No	0	L	0
3285	Circled Ideograph Six	No	0	L	0
3286	Circled Ideograph Seven	No	0	L	0
3287	Circled Ideograph Eight	No	0	L	0
3288	Circled Ideograph Nine	No	0	L	0
3289	Circled Ideograph Ten	No	0	L	0
328a	Circled Ideograph Moon	So	0	L	0

328b	Circled Ideograph Fire	So	0	L	0
328c	Circled Ideograph Water	So	0	L	0
328d	Circled Ideograph Wood	So	0	L	0
328e	Circled Ideograph Metal	So	0	L	0
328f	Circled Ideograph Earth	So	0	L	0
3290	Circled Ideograph Sun	So	0	L	0
3291	Circled Ideograph Stock	So	0	L	0
3292	Circled Ideograph Have	So	0	L	0
3293	Circled Ideograph Society	So	0	L	0
3294	Circled Ideograph Name	So	0	L	0
3295	Circled Ideograph Special	So	0	L	0
3296	Circled Ideograph Financial	So	0	L	0
3297	Circled Ideograph Congratulation	So	0	L	0
3298	Circled Ideograph Labor	So	0	L	0
3299	Circled Ideograph Secret	So	0	L	0
329a	Circled Ideograph Male	So	0	L	0
329b	Circled Ideograph Female	So	0	L	0
329c	Circled Ideograph Suitable	So	0	L	0
329d	Circled Ideograph Excellent	So	0	L	0
329e	Circled Ideograph Print	So	0	L	0
329f	Circled Ideograph Attention	So	0	L	0
32a0	Circled Ideograph Item	So	0	L	0
32a1	Circled Ideograph Rest	So	0	L	0
32a2	Circled Ideograph Copy	So	0	L	0
32a3	Circled Ideograph Correct	So	0	L	0
32a4	Circled Ideograph High	So	0	L	0
32a5	Circled Ideograph Centre	So	0	L	0
32a6	Circled Ideograph Low	So	0	L	0
32a7	Circled Ideograph L	So	0	L	0
32a8	Circled Ideograph R	So	0	L	0
32a9	Circled Ideograph Medicine	So	0	L	0
32aa	Circled Ideograph Religion	So	0	L	0
32ab	Circled Ideograph Study	So	0	L	0
32ac	Circled Ideograph Supervise	So	0	L	0
32ad	Circled Ideograph Enterprise	So	0	L	0
32ae	Circled Ideograph Resource	So	0	L	0
32af	Circled Ideograph Alliance	So	0	L	0
32b0	Circled Ideograph Night	So	0	L	0
32b1	Circled Number Thirty Six	No	0	ON	0
32b2	Circled Number Thirty Seven	No	0	ON	0
32b3	Circled Number Thirty Eight	No	0	ON	0
32b4	Circled Number Thirty Nine	No	0	ON	0
32b5	Circled Number Forty	No	0	ON	0
32b6	Circled Number Forty One	No	0	ON	0
32b7	Circled Number Forty Two	No	0	ON	0
32b8	Circled Number Forty Three	No	0	ON	0
32b9	Circled Number Forty Four	No	0	ON	0
32ba	Circled Number Forty Five	No	0	ON	0
32bb	Circled Number Forty Six	No	0	ON	0
32bc	Circled Number Forty Seven	No	0	ON	0
32bd	Circled Number Forty Eight	No	0	ON	0
32be	Circled Number Forty Nine	No	0	ON	0
32bf	Circled Number Fifty	No	0	ON	0
32c0	ITS/January	So	0	L	C
32c1	ITS/February	So	0	L	C
32c2	ITS/March	So	0	L	C
32c3	ITS/April	So	0	L	C
32c4	ITS/May	So	0	L	C
32c5	ITS/June	So	0	L	C
32c6	ITS/July	So	0	L	C
32c7	ITS/August	So	0	L	C
32c8	ITS/September	So	0	L	C
32c9	ITS/October	So	0	L	C
32ca	ITS/November	So	0	L	C
32cb	ITS/December	So	0	L	C
32d0	Circled Katakana A	So	0	L	0
32d1	Circled Katakana I	So	0	L	0
32d2	Circled Katakana U	So	0	L	0
32d3	Circled Katakana E	So	0	L	0
32d4	Circled Katakana O	So	0	L	0
32d5	Circled Katakana Ka	So	0	L	0
32d6	Circled Katakana Ki	So	0	L	0
32d7	Circled Katakana Ku	So	0	L	0
32d8	Circled Katakana Ke	So	0	L	0
32d9	Circled Katakana Ko	So	0	L	0
32da	Circled Katakana Sa	So	0	L	0
32db	Circled Katakana Si	So	0	L	0
32dc	Circled Katakana Su	So	0	L	0
32dd	Circled Katakana Se	So	0	L	0
32de	Circled Katakana So	So	0	L	0
32df	Circled Katakana Ta	So	0	L	0
32e0	Circled Katakana Ti	So	0	L	0
32e1	Circled Katakana Tu	So	0	L	0
32e2	Circled Katakana Te	So	0	L	0
32e3	Circled Katakana to	So	0	L	0
32e4	Circled Katakana Na	So	0	L	0
32e5	Circled Katakana Ni	So	0	L	0
32e6	Circled Katakana Nu	So	0	L	0
32e7	Circled Katakana Ne	So	0	L	0
32e8	Circled Katakana No	So	0	L	0
32e9	Circled Katakana Ha	So	0	L	0
32ea	Circled Katakana Hi	So	0	L	0
32eb	Circled Katakana Hu	So	0	L	0
32ec	Circled Katakana He	So	0	L	0
32ed	Circled Katakana Ho	So	0	L	0
32ee	Circled Katakana Ma	So	0	L	0
32ef	Circled Katakana Mi	So	0	L	0
32f0	Circled Katakana Mu	So	0	L	0
32f1	Circled Katakana Me	So	0	L	0
32f2	Circled Katakana Mo	So	0	L	0
32f3	Circled Katakana Ya	So	0	L	0
32f4	Circled Katakana Yu	So	0	L	0
32f5	Circled Katakana Yo	So	0	L	0
32f6	Circled Katakana Ra	So	0	L	0

32f7	Circled Katakana Ri	So	0	L	0
32f8	Circled Katakana Ru	So	0	L	0
32f9	Circled Katakana Re	So	0	L	0
32fa	Circled Katakana Ro	So	0	L	0
32fb	Circled Katakana Wa	So	0	L	0
32fc	Circled Katakana Wi	So	0	L	0
32fd	Circled Katakana We	So	0	L	0
32fe	Circled Katakana Wo	So	0	L	0

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CJK Compatibility (3300 to 33FF)
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ITS/ = Ideographic Telegraph Symbol

Hex	Character	Gen	Cmb	Bid	Map
3300	Square Apaato	So	0	L	SQ
3301	Square Aruhua	So	0	L	SQ
3302	Square Anpea	So	0	L	SQ
3303	Square Aaru	So	0	L	SQ
3304	Square Iningu	So	0	L	SQ
3305	Square Inti	So	0	L	SQ
3306	Square Uon	So	0	L	SQ
3307	Square Esukuudo	So	0	L	SQ
3308	Square Eekaa	So	0	L	SQ
3309	Square Onsu	So	0	L	SQ
330a	Square Oomu	So	0	L	SQ
330b	Square Kairi	So	0	L	SQ
330c	Square Karatto	So	0	L	SQ
330d	Square Karorii	So	0	L	SQ
330e	Square Garon	So	0	L	SQ
330f	Square Ganma	So	0	L	SQ
3310	Square Giga	So	0	L	SQ
3311	Square Ginii	So	0	L	SQ
3312	Square Kyurii	So	0	L	SQ
3313	Square Girudaa	So	0	L	SQ
3314	Square Kiro	So	0	L	SQ
3315	Square Kiroguramu	So	0	L	SQ
3316	Square Kiromeetoru	So	0	L	SQ
3317	Square Kirowatto	So	0	L	SQ
3318	Square Guramu	So	0	L	SQ
3319	Square Guramuton	So	0	L	SQ
331a	Square Kuruzeiro	So	0	L	SQ
331b	Square Kuroone	So	0	L	SQ
331c	Square Keesu	So	0	L	SQ
331d	Square Koruna	So	0	L	SQ
331e	Square Koopo	So	0	L	SQ
331f	Square Saikuru	So	0	L	SQ
3320	Square Santiimu	So	0	L	SQ
3321	Square Siringu	So	0	L	SQ
3322	Square Senti	So	0	L	SQ
3323	Square Sento	So	0	L	SQ
3324	Square Daasu	So	0	L	SQ
3325	Square Desi	So	0	L	SQ
3326	Square Doru	So	0	L	SQ
3327	Square Ton	So	0	L	SQ
3328	Square Nano	So	0	L	SQ
3329	Square Notto	So	0	L	SQ
332a	Square Haitu	So	0	L	SQ
332b	Square Paasento	So	0	L	SQ
332c	Square Paatu	So	0	L	SQ
332d	Square Baareru	So	0	L	SQ
332e	Square Piasutoru	So	0	L	SQ
332f	Square Pikuru	So	0	L	SQ
3330	Square Piko	So	0	L	SQ
3331	Square Biru	So	0	L	SQ
3332	Square Huaraddo	So	0	L	SQ
3333	Square Huiito	So	0	L	SQ
3334	Square Bussyeru	So	0	L	SQ
3335	Square Huran	So	0	L	SQ
3336	Square Hekutaaru	So	0	L	SQ
3337	Square Peso	So	0	L	SQ
3338	Square Penihi	So	0	L	SQ
3339	Square Herutu	So	0	L	SQ
333a	Square Pensu	So	0	L	SQ
333b	Square Peezi	So	0	L	SQ
333c	Square Beeta	So	0	L	SQ
333d	Square Pointo	So	0	L	SQ
333e	Square Boruto	So	0	L	SQ
333f	Square Hon	So	0	L	SQ
3340	Square Pondo	So	0	L	SQ
3341	Square Hooru	So	0	L	SQ
3342	Square Hoon	So	0	L	SQ
3343	Square Maikuro	So	0	L	SQ
3344	Square Mairu	So	0	L	SQ
3345	Square Mahha	So	0	L	SQ
3346	Square Maruku	So	0	L	SQ
3347	Square Mansyon	So	0	L	SQ
3348	Square Mikuron	So	0	L	SQ
3349	Square Miri	So	0	L	SQ
334a	Square Miribaaru	So	0	L	SQ
334b	Square Mega	So	0	L	SQ
334c	Square Megaton	So	0	L	SQ
334d	Square Meetoru	So	0	L	SQ
334e	Square Yaado	So	0	L	SQ
334f	Square Yaaru	So	0	L	SQ
3350	Square Yuan	So	0	L	SQ
3351	Square Rittoru	So	0	L	SQ
3352	Square Rira	So	0	L	SQ
3353	Square Rupii	So	0	L	SQ
3354	Square Ruuburu	So	0	L	SQ
3355	Square Remu	So	0	L	SQ
3356	Square Rentogen	So	0	L	SQ

3357	Square Watto	So	0	L	SQ
3358	ITS/Hour Zero	So	0	L	C
3359	ITS/Hour One	So	0	L	C
335a	ITS/Hour Two	So	0	L	C
335b	ITS/Hour Three	So	0	L	C
335c	ITS/Hour Four	So	0	L	C
335d	ITS/Hour Five	So	0	L	C
335e	ITS/Hour Six	So	0	L	C
335f	ITS/Hour Seven	So	0	L	C
3360	ITS/Hour Eight	So	0	L	C
3361	ITS/Hour Nine	So	0	L	C
3362	ITS/Hour Ten	So	0	L	C
3363	ITS/Hour Eleven	So	0	L	C
3364	ITS/Hour Twelve	So	0	L	C
3365	ITS/Hour Thirteen	So	0	L	C
3366	ITS/Hour Fourteen	So	0	L	C
3367	ITS/Hour Fifteen	So	0	L	C
3368	ITS/Hour Sixteen	So	0	L	C
3369	ITS/Hour Seventeen	So	0	L	C
336a	ITS/Hour Eighteen	So	0	L	C
336b	ITS/Hour Nineteen	So	0	L	C
336c	ITS/Hour Twenty	So	0	L	C
336d	ITS/Hour Twenty-One	So	0	L	C
336e	ITS/Hour Twenty-Two	So	0	L	C
336f	ITS/Hour Twenty-Three	So	0	L	C
3370	ITS/Hour Twenty-Four	So	0	L	C
3371	Square Hpa	So	0	L	SQ
3372	Square Da	So	0	L	SQ
3373	Square Au	So	0	L	SQ
3374	Square Bar	So	0	L	SQ
3375	Square Ov	So	0	L	SQ
3376	Square Pc	So	0	L	SQ
337b	Square Era Name Heisei	So	0	L	SQ
337c	Square Era Name Syouwa	So	0	L	SQ
337d	Square Era Name Taisyou	So	0	L	SQ
337e	Square Era Name Meizi	So	0	L	SQ
337f	Square Corporation	So	0	L	SQ
3380	Square Pa Amps	So	0	L	SQ
3381	Square Na	So	0	L	SQ
3382	Square Mu A	So	0	L	SQ
3383	Square Ma	So	0	L	SQ
3384	Square Ka	So	0	L	SQ
3385	Square Kb	So	0	L	SQ
3386	Square Mb	So	0	L	SQ
3387	Square Gb	So	0	L	SQ
3388	Square Cal	So	0	L	SQ
3389	Square Kcal	So	0	L	SQ
338a	Square Pf	So	0	L	SQ
338b	Square Nf	So	0	L	SQ
338c	Square Mu F	So	0	L	SQ
338d	Square Mu G	So	0	L	SQ
338e	Square Mg	So	0	L	SQ
338f	Square Kg	So	0	L	SQ
3390	Square Hz	So	0	L	SQ
3391	Square Khz	So	0	L	SQ
3392	Square Mhz	So	0	L	SQ
3393	Square Ghz	So	0	L	SQ
3394	Square Thz	So	0	L	SQ
3395	Square Mu L	So	0	L	SQ
3396	Square Ml	So	0	L	SQ
3397	Square Dl	So	0	L	SQ
3398	Square Kl	So	0	L	SQ
3399	Square Fm	So	0	L	SQ
339a	Square Nm	So	0	L	SQ
339b	Square Mu M	So	0	L	SQ
339c	Square Mm	So	0	L	SQ
339d	Square Cm	So	0	L	SQ
339e	Square Km	So	0	L	SQ
339f	Square Mm Squared	So	0	L	SQ
33a0	Square Cm Squared	So	0	L	SQ
33a1	Square M Squared	So	0	L	SQ
33a2	Square Km Squared	So	0	L	SQ
33a3	Square Mm Cubed	So	0	L	SQ
33a4	Square Cm Cubed	So	0	L	SQ
33a5	Square M Cubed	So	0	L	SQ
33a6	Square Km Cubed	So	0	L	SQ
33a7	Square M Over S	So	0	L	SQ
33a8	Square M Over S Squared	So	0	L	SQ
33a9	Square Pa	So	0	L	SQ
33aa	Square Kpa	So	0	L	SQ
33ab	Square Mpa	So	0	L	SQ
33ac	Square Gpa	So	0	L	SQ
33ad	Square Rad	So	0	L	SQ
33ae	Square Rad Over S	So	0	L	SQ
33af	Square Rad Over S Squared	So	0	L	SQ
33b0	Square Ps	So	0	L	SQ
33b1	Square Ns	So	0	L	SQ
33b2	Square Mu S	So	0	L	SQ
33b3	Square Ms	So	0	L	SQ
33b4	Square Pv	So	0	L	SQ
33b5	Square Nv	So	0	L	SQ
33b6	Square Mu V	So	0	L	SQ
33b7	Square Mv	So	0	L	SQ
33b8	Square Kv	So	0	L	SQ
33b9	Square Mv Mega	So	0	L	SQ
33ba	Square Pw	So	0	L	SQ
33bb	Square Nw	So	0	L	SQ
33bc	Square Mu W	So	0	L	SQ
33bd	Square Mw	So	0	L	SQ
33be	Square Kw	So	0	L	SQ
33bf	Square Mw Mega	So	0	L	SQ
33c0	Square K Ohm	So	0	L	SQ
33c1	Square M Ohm	So	0	L	SQ
33c2	Square Am	So	0	L	SQ

33c3	Square Bq	So	0	L	SQ
33c4	Square Cc	So	0	L	SQ
33c5	Square Cd	So	0	L	SQ
33c6	Square C Over Kg	So	0	L	SQ
33c7	Square Co	So	0	L	SQ
33c8	Square Db	So	0	L	SQ
33c9	Square Gy	So	0	L	SQ
33ca	Square Ha	So	0	L	SQ
33cb	Square Hp	So	0	L	SQ
33cc	Square In	So	0	L	SQ
33cd	Square Kk	So	0	L	SQ
33ce	Square Km Capital	So	0	L	SQ
33cf	Square Kt	So	0	L	SQ
33d0	Square Lm	So	0	L	SQ
33d1	Square Ln	So	0	L	SQ
33d2	Square Log	So	0	L	SQ
33d3	Square Lx	So	0	L	SQ
33d4	Square Mb Small	So	0	L	SQ
33d5	Square Mil	So	0	L	SQ
33d6	Square Mol	So	0	L	SQ
33d7	Square Ph	So	0	L	SQ
33d8	Square Pm	So	0	L	SQ
33d9	Square Ppm	So	0	L	SQ
33da	Square Pr	So	0	L	SQ
33db	Square Sr	So	0	L	SQ
33dc	Square Sv	So	0	L	SQ
33dd	Square Wb	So	0	L	SQ
33e0	ITS/Day One	So	0	L	C
33e1	ITS/Day Two	So	0	L	C
33e2	ITS/Day Three	So	0	L	C
33e3	ITS/Day Four	So	0	L	C
33e4	ITS/Day Five	So	0	L	C
33e5	ITS/Day Six	So	0	L	C
33e6	ITS/Day Seven	So	0	L	C
33e7	ITS/Day Eight	So	0	L	C
33e8	ITS/Day Nine	So	0	L	C
33e9	ITS/Day Ten	So	0	L	C
33ea	ITS/Day Eleven	So	0	L	C
33eb	ITS/Day Twelve	So	0	L	C
33ec	ITS/Day Thirteen	So	0	L	C
33ed	ITS/Day Fourteen	So	0	L	C
33ee	ITS/Day Fifteen	So	0	L	C
33ef	ITS/Day Sixteen	So	0	L	C
33f0	ITS/Day Seventeen	So	0	L	C
33f1	ITS/Day Eighteen	So	0	L	C
33f2	ITS/Day Nineteen	So	0	L	C
33f3	ITS/Day Twenty	So	0	L	C
33f4	ITS/Day Twenty-One	So	0	L	C
33f5	ITS/Day Twenty-Two	So	0	L	C
33f6	ITS/Day Twenty-Three	So	0	L	C
33f7	ITS/Day Twenty-Four	So	0	L	C
33f8	ITS/Day Twenty-Five	So	0	L	C
33f9	ITS/Day Twenty-Six	So	0	L	C
33fa	ITS/Day Twenty-Seven	So	0	L	C
33fb	ITS/Day Twenty-Eight	So	0	L	C
33fc	ITS/Day Twenty-Nine	So	0	L	C
33fd	ITS/Day Thirty	So	0	L	C
33fe	ITS/Day Thirty-One	So	0	L	C

=====
CJK Unified Ideographs Extension A (3400 to 4DBF)
=====

Hex	Character	Gen	Cmb	Bid	Map
3400	<Cjk Ideograph Extension A, First>	Lo	0	L	
4db5	<Cjk Ideograph Extension A, Last>	Lo	0	L	

=====
CJK Unified Ideographs (4E00 to 9FFF)
=====

Hex	Character	Gen	Cmb	Bid	Map
4e00	<Cjk Ideograph, First>	Lo	0	L	
9fa5	<Cjk Ideograph, Last>	Lo	0	L	

=====
Yi Syllables (A000 to A48F)
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Hex	Character	Gen	Cmb	Bid	Map
A000	Yi Syllable It	Lo	0	L	
A001	Yi Syllable Ix	Lo	0	L	
A002	Yi Syllable I	Lo	0	L	
A003	Yi Syllable Ip	Lo	0	L	
A004	Yi Syllable Iet	Lo	0	L	
A005	Yi Syllable Iex	Lo	0	L	
A006	Yi Syllable Ie	Lo	0	L	
A007	Yi Syllable Iep	Lo	0	L	
A008	Yi Syllable At	Lo	0	L	
A009	Yi Syllable Ax	Lo	0	L	
A00a	Yi Syllable A	Lo	0	L	
A00b	Yi Syllable Ap	Lo	0	L	
A00c	Yi Syllable Uox	Lo	0	L	
A00d	Yi Syllable Uo	Lo	0	L	
A00e	Yi Syllable Uop	Lo	0	L	
A00f	Yi Syllable Ot	Lo	0	L	
A010	Yi Syllable Ox	Lo	0	L	

A011	Yi Syllable 0	Lo 0	L
A012	Yi Syllable Op	Lo 0	L
A013	Yi Syllable Ex	Lo 0	L
A014	Yi Syllable E	Lo 0	L
A015	Yi Syllable Wu	Lo 0	L
A016	Yi Syllable Bit	Lo 0	L
A017	Yi Syllable Bix	Lo 0	L
A018	Yi Syllable Bi	Lo 0	L
A019	Yi Syllable Bip	Lo 0	L
A01a	Yi Syllable Biet	Lo 0	L
A01b	Yi Syllable Biex	Lo 0	L
A01c	Yi Syllable Bie	Lo 0	L
A01d	Yi Syllable Biep	Lo 0	L
A01e	Yi Syllable Bat	Lo 0	L
A01f	Yi Syllable Bax	Lo 0	L
A020	Yi Syllable Ba	Lo 0	L
A021	Yi Syllable Bap	Lo 0	L
A022	Yi Syllable Buox	Lo 0	L
A023	Yi Syllable Buo	Lo 0	L
A024	Yi Syllable Buop	Lo 0	L
A025	Yi Syllable Bot	Lo 0	L
A026	Yi Syllable Box	Lo 0	L
A027	Yi Syllable Bo	Lo 0	L
A028	Yi Syllable Bop	Lo 0	L
A029	Yi Syllable Bex	Lo 0	L
A02a	Yi Syllable Be	Lo 0	L
A02b	Yi Syllable Bep	Lo 0	L
A02c	Yi Syllable But	Lo 0	L
A02d	Yi Syllable Bux	Lo 0	L
A02e	Yi Syllable Bu	Lo 0	L
A02f	Yi Syllable Bup	Lo 0	L
A030	Yi Syllable Burx	Lo 0	L
A031	Yi Syllable Bur	Lo 0	L
A032	Yi Syllable Byt	Lo 0	L
A033	Yi Syllable Byx	Lo 0	L
A034	Yi Syllable By	Lo 0	L
A035	Yi Syllable Byp	Lo 0	L
A036	Yi Syllable Byrx	Lo 0	L
A037	Yi Syllable Byr	Lo 0	L
A038	Yi Syllable Pit	Lo 0	L
A039	Yi Syllable Pix	Lo 0	L
A03a	Yi Syllable Pi	Lo 0	L
A03b	Yi Syllable Pip	Lo 0	L
A03c	Yi Syllable Piex	Lo 0	L
A03d	Yi Syllable Pie	Lo 0	L
A03e	Yi Syllable Piep	Lo 0	L
A03f	Yi Syllable Pat	Lo 0	L
A040	Yi Syllable Pax	Lo 0	L
A041	Yi Syllable Pa	Lo 0	L
A042	Yi Syllable Pap	Lo 0	L
A043	Yi Syllable Puox	Lo 0	L
A044	Yi Syllable Puo	Lo 0	L
A045	Yi Syllable Puop	Lo 0	L
A046	Yi Syllable Pot	Lo 0	L
A047	Yi Syllable Pox	Lo 0	L
A048	Yi Syllable Po	Lo 0	L
A049	Yi Syllable Pop	Lo 0	L
A04a	Yi Syllable Put	Lo 0	L
A04b	Yi Syllable Pux	Lo 0	L
A04c	Yi Syllable Pu	Lo 0	L
A04d	Yi Syllable Pup	Lo 0	L
A04e	Yi Syllable Purx	Lo 0	L
A04f	Yi Syllable Pur	Lo 0	L
A050	Yi Syllable Pyt	Lo 0	L
A051	Yi Syllable Pyx	Lo 0	L
A052	Yi Syllable Py	Lo 0	L
A053	Yi Syllable Pyp	Lo 0	L
A054	Yi Syllable Pyrx	Lo 0	L
A055	Yi Syllable Pyr	Lo 0	L
A056	Yi Syllable Bbit	Lo 0	L
A057	Yi Syllable Bbix	Lo 0	L
A058	Yi Syllable Bbi	Lo 0	L
A059	Yi Syllable Bbip	Lo 0	L
A05a	Yi Syllable Bbiet	Lo 0	L
A05b	Yi Syllable Bbiex	Lo 0	L
A05c	Yi Syllable Bbie	Lo 0	L
A05d	Yi Syllable Bbiep	Lo 0	L
A05e	Yi Syllable Bbat	Lo 0	L
A05f	Yi Syllable Bbax	Lo 0	L
A060	Yi Syllable Bba	Lo 0	L
A061	Yi Syllable Bbap	Lo 0	L
A062	Yi Syllable Bbuox	Lo 0	L
A063	Yi Syllable Bbuo	Lo 0	L
A064	Yi Syllable Bbuop	Lo 0	L
A065	Yi Syllable Bbot	Lo 0	L
A066	Yi Syllable Bbox	Lo 0	L
A067	Yi Syllable Bbo	Lo 0	L
A068	Yi Syllable Bbop	Lo 0	L
A069	Yi Syllable Bbex	Lo 0	L
A06a	Yi Syllable Bbe	Lo 0	L
A06b	Yi Syllable Bbep	Lo 0	L
A06c	Yi Syllable Bbut	Lo 0	L
A06d	Yi Syllable Bbux	Lo 0	L
A06e	Yi Syllable Bbu	Lo 0	L
A06f	Yi Syllable Bbup	Lo 0	L
A070	Yi Syllable Bburx	Lo 0	L
A071	Yi Syllable Bbur	Lo 0	L
A072	Yi Syllable Bbyt	Lo 0	L
A073	Yi Syllable Bbyx	Lo 0	L
A074	Yi Syllable Bby	Lo 0	L
A075	Yi Syllable Bbyp	Lo 0	L
A076	Yi Syllable Nbit	Lo 0	L
A077	Yi Syllable Nbix	Lo 0	L
A078	Yi Syllable Nbi	Lo 0	L

A079	Yi Syllable Nbip	Lo 0	L
A07a	Yi Syllable Nbiex	Lo 0	L
A07b	Yi Syllable Nbie	Lo 0	L
A07c	Yi Syllable Nbiep	Lo 0	L
A07d	Yi Syllable Nbat	Lo 0	L
A07e	Yi Syllable Nbax	Lo 0	L
A07f	Yi Syllable Nba	Lo 0	L
A080	Yi Syllable Nbap	Lo 0	L
A081	Yi Syllable Nbot	Lo 0	L
A082	Yi Syllable Nbox	Lo 0	L
A083	Yi Syllable Nbo	Lo 0	L
A084	Yi Syllable Nbop	Lo 0	L
A085	Yi Syllable Nbut	Lo 0	L
A086	Yi Syllable Nbux	Lo 0	L
A087	Yi Syllable Nbu	Lo 0	L
A088	Yi Syllable Nbup	Lo 0	L
A089	Yi Syllable Nburx	Lo 0	L
A08a	Yi Syllable Nbur	Lo 0	L
A08b	Yi Syllable Nbyt	Lo 0	L
A08c	Yi Syllable Nbyx	Lo 0	L
A08d	Yi Syllable Nby	Lo 0	L
A08e	Yi Syllable Nbyp	Lo 0	L
A08f	Yi Syllable Nbyrx	Lo 0	L
A090	Yi Syllable Nbyr	Lo 0	L
A091	Yi Syllable Hmit	Lo 0	L
A092	Yi Syllable Hmix	Lo 0	L
A093	Yi Syllable Hmi	Lo 0	L
A094	Yi Syllable Hmip	Lo 0	L
A095	Yi Syllable Hmiex	Lo 0	L
A096	Yi Syllable Hmie	Lo 0	L
A097	Yi Syllable Hmiep	Lo 0	L
A098	Yi Syllable Hmat	Lo 0	L
A099	Yi Syllable Hmax	Lo 0	L
A09a	Yi Syllable Hma	Lo 0	L
A09b	Yi Syllable Hmap	Lo 0	L
A09c	Yi Syllable Hmuox	Lo 0	L
A09d	Yi Syllable Hmuo	Lo 0	L
A09e	Yi Syllable Hmuop	Lo 0	L
A09f	Yi Syllable Hmot	Lo 0	L
A0a0	Yi Syllable Hmox	Lo 0	L
A0a1	Yi Syllable Hmo	Lo 0	L
A0a2	Yi Syllable Hmop	Lo 0	L
A0a3	Yi Syllable Hmut	Lo 0	L
A0a4	Yi Syllable Hmux	Lo 0	L
A0a5	Yi Syllable Hmu	Lo 0	L
A0a6	Yi Syllable Hmup	Lo 0	L
A0a7	Yi Syllable Hmurx	Lo 0	L
A0a8	Yi Syllable Hmur	Lo 0	L
A0a9	Yi Syllable Hmyx	Lo 0	L
A0aa	Yi Syllable Hmy	Lo 0	L
A0ab	Yi Syllable Hmyp	Lo 0	L
A0ac	Yi Syllable Hmyrx	Lo 0	L
A0ad	Yi Syllable Hmyr	Lo 0	L
A0ae	Yi Syllable Mit	Lo 0	L
A0af	Yi Syllable Mix	Lo 0	L
A0b0	Yi Syllable Mi	Lo 0	L
A0b1	Yi Syllable Mip	Lo 0	L
A0b2	Yi Syllable Miex	Lo 0	L
A0b3	Yi Syllable Mie	Lo 0	L
A0b4	Yi Syllable Miep	Lo 0	L
A0b5	Yi Syllable Mat	Lo 0	L
A0b6	Yi Syllable Max	Lo 0	L
A0b7	Yi Syllable Ma	Lo 0	L
A0b8	Yi Syllable Map	Lo 0	L
A0b9	Yi Syllable Muot	Lo 0	L
A0ba	Yi Syllable Muox	Lo 0	L
A0bb	Yi Syllable Muo	Lo 0	L
A0bc	Yi Syllable Muop	Lo 0	L
A0bd	Yi Syllable Mot	Lo 0	L
A0be	Yi Syllable Mox	Lo 0	L
A0bf	Yi Syllable Mo	Lo 0	L
A0c0	Yi Syllable Mop	Lo 0	L
A0c1	Yi Syllable Mex	Lo 0	L
A0c2	Yi Syllable Me	Lo 0	L
A0c3	Yi Syllable Mut	Lo 0	L
A0c4	Yi Syllable Mux	Lo 0	L
A0c5	Yi Syllable Mu	Lo 0	L
A0c6	Yi Syllable Mup	Lo 0	L
A0c7	Yi Syllable Murx	Lo 0	L
A0c8	Yi Syllable Mur	Lo 0	L
A0c9	Yi Syllable Myt	Lo 0	L
A0ca	Yi Syllable Myx	Lo 0	L
A0cb	Yi Syllable My	Lo 0	L
A0cc	Yi Syllable Myp	Lo 0	L
A0cd	Yi Syllable Fit	Lo 0	L
A0ce	Yi Syllable Fix	Lo 0	L
A0cf	Yi Syllable Fi	Lo 0	L
A0d0	Yi Syllable Fip	Lo 0	L
A0d1	Yi Syllable Fat	Lo 0	L
A0d2	Yi Syllable Fax	Lo 0	L
A0d3	Yi Syllable Fa	Lo 0	L
A0d4	Yi Syllable Fap	Lo 0	L
A0d5	Yi Syllable Fox	Lo 0	L
A0d6	Yi Syllable Fo	Lo 0	L
A0d7	Yi Syllable Fop	Lo 0	L
A0d8	Yi Syllable Fut	Lo 0	L
A0d9	Yi Syllable Fux	Lo 0	L
A0da	Yi Syllable Fu	Lo 0	L
A0db	Yi Syllable Fup	Lo 0	L
A0dc	Yi Syllable Furx	Lo 0	L
A0dd	Yi Syllable Fur	Lo 0	L
A0de	Yi Syllable Fyt	Lo 0	L
A0df	Yi Syllable Fyx	Lo 0	L
A0e0	Yi Syllable Fy	Lo 0	L

A0e1	Yi Syllable Fyp	Lo 0	L
A0e2	Yi Syllable Vit	Lo 0	L
A0e3	Yi Syllable Vix	Lo 0	L
A0e4	Yi Syllable Vi	Lo 0	L
A0e5	Yi Syllable Vip	Lo 0	L
A0e6	Yi Syllable Viet	Lo 0	L
A0e7	Yi Syllable Viex	Lo 0	L
A0e8	Yi Syllable Vie	Lo 0	L
A0e9	Yi Syllable Viep	Lo 0	L
A0ea	Yi Syllable Vat	Lo 0	L
A0eb	Yi Syllable Vax	Lo 0	L
A0ec	Yi Syllable Va	Lo 0	L
A0ed	Yi Syllable Vap	Lo 0	L
A0ee	Yi Syllable Vot	Lo 0	L
A0ef	Yi Syllable Vox	Lo 0	L
A0f0	Yi Syllable Vo	Lo 0	L
A0f1	Yi Syllable Vop	Lo 0	L
A0f2	Yi Syllable Vex	Lo 0	L
A0f3	Yi Syllable Vep	Lo 0	L
A0f4	Yi Syllable Vut	Lo 0	L
A0f5	Yi Syllable Vux	Lo 0	L
A0f6	Yi Syllable Vu	Lo 0	L
A0f7	Yi Syllable Vup	Lo 0	L
A0f8	Yi Syllable Vurx	Lo 0	L
A0f9	Yi Syllable Vur	Lo 0	L
A0fa	Yi Syllable Vyt	Lo 0	L
A0fb	Yi Syllable Vyx	Lo 0	L
A0fc	Yi Syllable Vy	Lo 0	L
A0fd	Yi Syllable Vyp	Lo 0	L
A0fe	Yi Syllable Vyrx	Lo 0	L
A0ff	Yi Syllable Vyr	Lo 0	L
A100	Yi Syllable Dit	Lo 0	L
A101	Yi Syllable Dix	Lo 0	L
A102	Yi Syllable Di	Lo 0	L
A103	Yi Syllable Dip	Lo 0	L
A104	Yi Syllable Diex	Lo 0	L
A105	Yi Syllable Die	Lo 0	L
A106	Yi Syllable Diep	Lo 0	L
A107	Yi Syllable Dat	Lo 0	L
A108	Yi Syllable Dax	Lo 0	L
A109	Yi Syllable Da	Lo 0	L
A10a	Yi Syllable Dap	Lo 0	L
A10b	Yi Syllable Duox	Lo 0	L
A10c	Yi Syllable Duo	Lo 0	L
A10d	Yi Syllable Dot	Lo 0	L
A10e	Yi Syllable Dox	Lo 0	L
A10f	Yi Syllable Do	Lo 0	L
A110	Yi Syllable Dop	Lo 0	L
A111	Yi Syllable Dex	Lo 0	L
A112	Yi Syllable De	Lo 0	L
A113	Yi Syllable Dep	Lo 0	L
A114	Yi Syllable Dut	Lo 0	L
A115	Yi Syllable Dux	Lo 0	L
A116	Yi Syllable Du	Lo 0	L
A117	Yi Syllable Dup	Lo 0	L
A118	Yi Syllable Durx	Lo 0	L
A119	Yi Syllable Dur	Lo 0	L
A11a	Yi Syllable Tit	Lo 0	L
A11b	Yi Syllable Tix	Lo 0	L
A11c	Yi Syllable Ti	Lo 0	L
A11d	Yi Syllable Tip	Lo 0	L
A11e	Yi Syllable Tiex	Lo 0	L
A11f	Yi Syllable Tie	Lo 0	L
A120	Yi Syllable Tiep	Lo 0	L
A121	Yi Syllable Tat	Lo 0	L
A122	Yi Syllable Tax	Lo 0	L
A123	Yi Syllable Ta	Lo 0	L
A124	Yi Syllable Tap	Lo 0	L
A125	Yi Syllable Tuot	Lo 0	L
A126	Yi Syllable Tuox	Lo 0	L
A127	Yi Syllable Tuo	Lo 0	L
A128	Yi Syllable Tuop	Lo 0	L
A129	Yi Syllable Tot	Lo 0	L
A12a	Yi Syllable Tox	Lo 0	L
A12b	Yi Syllable to	Lo 0	L
A12c	Yi Syllable Top	Lo 0	L
A12d	Yi Syllable Tex	Lo 0	L
A12e	Yi Syllable Te	Lo 0	L
A12f	Yi Syllable Tep	Lo 0	L
A130	Yi Syllable Tut	Lo 0	L
A131	Yi Syllable Tux	Lo 0	L
A132	Yi Syllable Tu	Lo 0	L
A133	Yi Syllable Tup	Lo 0	L
A134	Yi Syllable Turx	Lo 0	L
A135	Yi Syllable Tur	Lo 0	L
A136	Yi Syllable Ddit	Lo 0	L
A137	Yi Syllable Ddix	Lo 0	L
A138	Yi Syllable Ddi	Lo 0	L
A139	Yi Syllable Ddip	Lo 0	L
A13a	Yi Syllable Ddiex	Lo 0	L
A13b	Yi Syllable Ddie	Lo 0	L
A13c	Yi Syllable Ddiep	Lo 0	L
A13d	Yi Syllable Ddat	Lo 0	L
A13e	Yi Syllable Ddax	Lo 0	L
A13f	Yi Syllable Dda	Lo 0	L
A140	Yi Syllable Ddap	Lo 0	L
A141	Yi Syllable Dduox	Lo 0	L
A142	Yi Syllable Dduo	Lo 0	L
A143	Yi Syllable Dduop	Lo 0	L
A144	Yi Syllable Ddot	Lo 0	L
A145	Yi Syllable Ddox	Lo 0	L
A146	Yi Syllable Ddo	Lo 0	L
A147	Yi Syllable Ddop	Lo 0	L
A148	Yi Syllable Ddex	Lo 0	L

A149	Yi Syllable Dde	Lo 0	L
A14a	Yi Syllable Ddep	Lo 0	L
A14b	Yi Syllable Ddut	Lo 0	L
A14c	Yi Syllable Ddux	Lo 0	L
A14d	Yi Syllable Ddu	Lo 0	L
A14e	Yi Syllable Ddup	Lo 0	L
A14f	Yi Syllable Ddurx	Lo 0	L
A150	Yi Syllable Ddur	Lo 0	L
A151	Yi Syllable Ndit	Lo 0	L
A152	Yi Syllable Ndix	Lo 0	L
A153	Yi Syllable Ndi	Lo 0	L
A154	Yi Syllable Ndip	Lo 0	L
A155	Yi Syllable Ndiex	Lo 0	L
A156	Yi Syllable Ndie	Lo 0	L
A157	Yi Syllable Ndat	Lo 0	L
A158	Yi Syllable Ndax	Lo 0	L
A159	Yi Syllable Nda	Lo 0	L
A15a	Yi Syllable Ndap	Lo 0	L
A15b	Yi Syllable Ndot	Lo 0	L
A15c	Yi Syllable Ndox	Lo 0	L
A15d	Yi Syllable Ndo	Lo 0	L
A15e	Yi Syllable Ndop	Lo 0	L
A15f	Yi Syllable Ndex	Lo 0	L
A160	Yi Syllable Nde	Lo 0	L
A161	Yi Syllable Ndep	Lo 0	L
A162	Yi Syllable Ndut	Lo 0	L
A163	Yi Syllable Ndux	Lo 0	L
A164	Yi Syllable Ndu	Lo 0	L
A165	Yi Syllable Ndup	Lo 0	L
A166	Yi Syllable Ndurx	Lo 0	L
A167	Yi Syllable Ndur	Lo 0	L
A168	Yi Syllable Hnit	Lo 0	L
A169	Yi Syllable Hnix	Lo 0	L
A16a	Yi Syllable Hni	Lo 0	L
A16b	Yi Syllable Hnip	Lo 0	L
A16c	Yi Syllable Hniet	Lo 0	L
A16d	Yi Syllable Hniex	Lo 0	L
A16e	Yi Syllable Hnie	Lo 0	L
A16f	Yi Syllable Hniep	Lo 0	L
A170	Yi Syllable Hnat	Lo 0	L
A171	Yi Syllable Hnax	Lo 0	L
A172	Yi Syllable Hna	Lo 0	L
A173	Yi Syllable Hnap	Lo 0	L
A174	Yi Syllable Hnuox	Lo 0	L
A175	Yi Syllable Hnuo	Lo 0	L
A176	Yi Syllable Hnot	Lo 0	L
A177	Yi Syllable Hnox	Lo 0	L
A178	Yi Syllable Hnop	Lo 0	L
A179	Yi Syllable Hnex	Lo 0	L
A17a	Yi Syllable Hne	Lo 0	L
A17b	Yi Syllable Hnep	Lo 0	L
A17c	Yi Syllable Hnut	Lo 0	L
A17d	Yi Syllable Nit	Lo 0	L
A17e	Yi Syllable Nix	Lo 0	L
A17f	Yi Syllable Ni	Lo 0	L
A180	Yi Syllable Nip	Lo 0	L
A181	Yi Syllable Niex	Lo 0	L
A182	Yi Syllable Nie	Lo 0	L
A183	Yi Syllable Niep	Lo 0	L
A184	Yi Syllable Nax	Lo 0	L
A185	Yi Syllable Na	Lo 0	L
A186	Yi Syllable Nap	Lo 0	L
A187	Yi Syllable Nuox	Lo 0	L
A188	Yi Syllable Nuo	Lo 0	L
A189	Yi Syllable Nuop	Lo 0	L
A18a	Yi Syllable Not	Lo 0	L
A18b	Yi Syllable Nox	Lo 0	L
A18c	Yi Syllable No	Lo 0	L
A18d	Yi Syllable Nop	Lo 0	L
A18e	Yi Syllable Nex	Lo 0	L
A18f	Yi Syllable Ne	Lo 0	L
A190	Yi Syllable Nep	Lo 0	L
A191	Yi Syllable Nut	Lo 0	L
A192	Yi Syllable Nux	Lo 0	L
A193	Yi Syllable Nu	Lo 0	L
A194	Yi Syllable Nup	Lo 0	L
A195	Yi Syllable Nurx	Lo 0	L
A196	Yi Syllable Nur	Lo 0	L
A197	Yi Syllable Hlit	Lo 0	L
A198	Yi Syllable Hlix	Lo 0	L
A199	Yi Syllable Hli	Lo 0	L
A19a	Yi Syllable Hlip	Lo 0	L
A19b	Yi Syllable Hliex	Lo 0	L
A19c	Yi Syllable Hlie	Lo 0	L
A19d	Yi Syllable Hliep	Lo 0	L
A19e	Yi Syllable Hlat	Lo 0	L
A19f	Yi Syllable Hlax	Lo 0	L
A1a0	Yi Syllable Hla	Lo 0	L
A1a1	Yi Syllable Hlap	Lo 0	L
A1a2	Yi Syllable Hluox	Lo 0	L
A1a3	Yi Syllable Hluo	Lo 0	L
A1a4	Yi Syllable Hluop	Lo 0	L
A1a5	Yi Syllable Hlox	Lo 0	L
A1a6	Yi Syllable Hlo	Lo 0	L
A1a7	Yi Syllable Hlop	Lo 0	L
A1a8	Yi Syllable Hlex	Lo 0	L
A1a9	Yi Syllable Hle	Lo 0	L
A1aa	Yi Syllable Hlep	Lo 0	L
A1ab	Yi Syllable Hlut	Lo 0	L
A1ac	Yi Syllable Hlux	Lo 0	L
A1ad	Yi Syllable Hlu	Lo 0	L
A1ae	Yi Syllable Hlup	Lo 0	L
A1af	Yi Syllable Hlurx	Lo 0	L
A1b0	Yi Syllable Hlur	Lo 0	L

A1b1	Yi Syllable	Hlyt	Lo	0	L
A1b2	Yi Syllable	Hlyx	Lo	0	L
A1b3	Yi Syllable	Hly	Lo	0	L
A1b4	Yi Syllable	Hlyp	Lo	0	L
A1b5	Yi Syllable	Hlyrx	Lo	0	L
A1b6	Yi Syllable	Hlyr	Lo	0	L
A1b7	Yi Syllable	Lit	Lo	0	L
A1b8	Yi Syllable	Lix	Lo	0	L
A1b9	Yi Syllable	Li	Lo	0	L
A1ba	Yi Syllable	Lip	Lo	0	L
A1bb	Yi Syllable	Liet	Lo	0	L
A1bc	Yi Syllable	Liex	Lo	0	L
A1bd	Yi Syllable	Lie	Lo	0	L
A1be	Yi Syllable	Liep	Lo	0	L
A1bf	Yi Syllable	Lat	Lo	0	L
A1c0	Yi Syllable	Lax	Lo	0	L
A1c1	Yi Syllable	La	Lo	0	L
A1c2	Yi Syllable	Lap	Lo	0	L
A1c3	Yi Syllable	Luot	Lo	0	L
A1c4	Yi Syllable	Luox	Lo	0	L
A1c5	Yi Syllable	Luo	Lo	0	L
A1c6	Yi Syllable	Luop	Lo	0	L
A1c7	Yi Syllable	Lot	Lo	0	L
A1c8	Yi Syllable	Lox	Lo	0	L
A1c9	Yi Syllable	Lo	Lo	0	L
A1ca	Yi Syllable	Lop	Lo	0	L
A1cb	Yi Syllable	Lex	Lo	0	L
A1cc	Yi Syllable	Le	Lo	0	L
A1cd	Yi Syllable	Lep	Lo	0	L
A1ce	Yi Syllable	Lut	Lo	0	L
A1cf	Yi Syllable	Lux	Lo	0	L
A1d0	Yi Syllable	Lu	Lo	0	L
A1d1	Yi Syllable	Lup	Lo	0	L
A1d2	Yi Syllable	Lurx	Lo	0	L
A1d3	Yi Syllable	Lur	Lo	0	L
A1d4	Yi Syllable	Lyt	Lo	0	L
A1d5	Yi Syllable	Lyx	Lo	0	L
A1d6	Yi Syllable	Ly	Lo	0	L
A1d7	Yi Syllable	Lyp	Lo	0	L
A1d8	Yi Syllable	Lyrx	Lo	0	L
A1d9	Yi Syllable	Lyr	Lo	0	L
A1da	Yi Syllable	Git	Lo	0	L
A1db	Yi Syllable	Gix	Lo	0	L
A1dc	Yi Syllable	Gi	Lo	0	L
A1dd	Yi Syllable	Gip	Lo	0	L
A1de	Yi Syllable	Giet	Lo	0	L
A1df	Yi Syllable	Giex	Lo	0	L
A1e0	Yi Syllable	Gie	Lo	0	L
A1e1	Yi Syllable	Giep	Lo	0	L
A1e2	Yi Syllable	Gat	Lo	0	L
A1e3	Yi Syllable	Gax	Lo	0	L
A1e4	Yi Syllable	Ga	Lo	0	L
A1e5	Yi Syllable	Gap	Lo	0	L
A1e6	Yi Syllable	Guot	Lo	0	L
A1e7	Yi Syllable	Guox	Lo	0	L
A1e8	Yi Syllable	Guo	Lo	0	L
A1e9	Yi Syllable	Guop	Lo	0	L
A1ea	Yi Syllable	Got	Lo	0	L
A1eb	Yi Syllable	Gox	Lo	0	L
A1ec	Yi Syllable	Go	Lo	0	L
A1ed	Yi Syllable	Gop	Lo	0	L
A1ee	Yi Syllable	Get	Lo	0	L
A1ef	Yi Syllable	Gex	Lo	0	L
A1f0	Yi Syllable	Ge	Lo	0	L
A1f1	Yi Syllable	Gep	Lo	0	L
A1f2	Yi Syllable	Gut	Lo	0	L
A1f3	Yi Syllable	Gux	Lo	0	L
A1f4	Yi Syllable	Gu	Lo	0	L
A1f5	Yi Syllable	Gup	Lo	0	L
A1f6	Yi Syllable	Gurx	Lo	0	L
A1f7	Yi Syllable	Gur	Lo	0	L
A1f8	Yi Syllable	Kit	Lo	0	L
A1f9	Yi Syllable	Kix	Lo	0	L
A1fa	Yi Syllable	Ki	Lo	0	L
A1fb	Yi Syllable	Kip	Lo	0	L
A1fc	Yi Syllable	Kiex	Lo	0	L
A1fd	Yi Syllable	Kie	Lo	0	L
A1fe	Yi Syllable	Kiep	Lo	0	L
A1ff	Yi Syllable	Kat	Lo	0	L
A200	Yi Syllable	Kax	Lo	0	L
A201	Yi Syllable	Ka	Lo	0	L
A202	Yi Syllable	Kap	Lo	0	L
A203	Yi Syllable	Kuox	Lo	0	L
A204	Yi Syllable	Kuo	Lo	0	L
A205	Yi Syllable	Kuop	Lo	0	L
A206	Yi Syllable	Kot	Lo	0	L
A207	Yi Syllable	Kox	Lo	0	L
A208	Yi Syllable	Ko	Lo	0	L
A209	Yi Syllable	Kop	Lo	0	L
A20a	Yi Syllable	Ket	Lo	0	L
A20b	Yi Syllable	Kex	Lo	0	L
A20c	Yi Syllable	Ke	Lo	0	L
A20d	Yi Syllable	Kep	Lo	0	L
A20e	Yi Syllable	Kut	Lo	0	L
A20f	Yi Syllable	Kux	Lo	0	L
A210	Yi Syllable	Ku	Lo	0	L
A211	Yi Syllable	Kup	Lo	0	L
A212	Yi Syllable	Kurx	Lo	0	L
A213	Yi Syllable	Kur	Lo	0	L
A214	Yi Syllable	Ggit	Lo	0	L
A215	Yi Syllable	Ggix	Lo	0	L
A216	Yi Syllable	Ggi	Lo	0	L
A217	Yi Syllable	Ggiex	Lo	0	L
A218	Yi Syllable	Ggie	Lo	0	L

A219	Yi Syllable	Ggiep	Lo	0	L
A21a	Yi Syllable	Ggat	Lo	0	L
A21b	Yi Syllable	Ggax	Lo	0	L
A21c	Yi Syllable	Gga	Lo	0	L
A21d	Yi Syllable	Ggap	Lo	0	L
A21e	Yi Syllable	Gguot	Lo	0	L
A21f	Yi Syllable	Gguox	Lo	0	L
A220	Yi Syllable	Gguo	Lo	0	L
A221	Yi Syllable	Gguop	Lo	0	L
A222	Yi Syllable	Ggot	Lo	0	L
A223	Yi Syllable	Ggox	Lo	0	L
A224	Yi Syllable	Ggo	Lo	0	L
A225	Yi Syllable	Ggop	Lo	0	L
A226	Yi Syllable	Gget	Lo	0	L
A227	Yi Syllable	Ggex	Lo	0	L
A228	Yi Syllable	Gge	Lo	0	L
A229	Yi Syllable	Ggep	Lo	0	L
A22a	Yi Syllable	Ggut	Lo	0	L
A22b	Yi Syllable	Ggux	Lo	0	L
A22c	Yi Syllable	Ggu	Lo	0	L
A22d	Yi Syllable	Ggup	Lo	0	L
A22e	Yi Syllable	Ggurx	Lo	0	L
A22f	Yi Syllable	Ggur	Lo	0	L
A230	Yi Syllable	Mgiex	Lo	0	L
A231	Yi Syllable	Mgie	Lo	0	L
A232	Yi Syllable	Mgat	Lo	0	L
A233	Yi Syllable	Mgax	Lo	0	L
A234	Yi Syllable	Mga	Lo	0	L
A235	Yi Syllable	Mgap	Lo	0	L
A236	Yi Syllable	Mguox	Lo	0	L
A237	Yi Syllable	Mguo	Lo	0	L
A238	Yi Syllable	Mguop	Lo	0	L
A239	Yi Syllable	Mgot	Lo	0	L
A23a	Yi Syllable	Mgox	Lo	0	L
A23b	Yi Syllable	Mgo	Lo	0	L
A23c	Yi Syllable	Mgop	Lo	0	L
A23d	Yi Syllable	Mgex	Lo	0	L
A23e	Yi Syllable	Mge	Lo	0	L
A23f	Yi Syllable	Mgep	Lo	0	L
A240	Yi Syllable	Mgut	Lo	0	L
A241	Yi Syllable	Mgux	Lo	0	L
A242	Yi Syllable	Mgu	Lo	0	L
A243	Yi Syllable	Mgup	Lo	0	L
A244	Yi Syllable	Mgurx	Lo	0	L
A245	Yi Syllable	Mgur	Lo	0	L
A246	Yi Syllable	Hxit	Lo	0	L
A247	Yi Syllable	Hxix	Lo	0	L
A248	Yi Syllable	Hxi	Lo	0	L
A249	Yi Syllable	Hxip	Lo	0	L
A24a	Yi Syllable	Hxiet	Lo	0	L
A24b	Yi Syllable	Hxiex	Lo	0	L
A24c	Yi Syllable	Hxie	Lo	0	L
A24d	Yi Syllable	Hxiep	Lo	0	L
A24e	Yi Syllable	Hxat	Lo	0	L
A24f	Yi Syllable	Hxax	Lo	0	L
A250	Yi Syllable	Hxa	Lo	0	L
A251	Yi Syllable	Hxap	Lo	0	L
A252	Yi Syllable	Hxuot	Lo	0	L
A253	Yi Syllable	Hxuox	Lo	0	L
A254	Yi Syllable	Hxuo	Lo	0	L
A255	Yi Syllable	Hxuop	Lo	0	L
A256	Yi Syllable	Hxot	Lo	0	L
A257	Yi Syllable	Hxox	Lo	0	L
A258	Yi Syllable	Hxo	Lo	0	L
A259	Yi Syllable	Hxop	Lo	0	L
A25a	Yi Syllable	Hxex	Lo	0	L
A25b	Yi Syllable	Hxe	Lo	0	L
A25c	Yi Syllable	Hxep	Lo	0	L
A25d	Yi Syllable	Ngix	Lo	0	L
A25e	Yi Syllable	Ngie	Lo	0	L
A25f	Yi Syllable	Ngiep	Lo	0	L
A260	Yi Syllable	Ngat	Lo	0	L
A261	Yi Syllable	Ngax	Lo	0	L
A262	Yi Syllable	Nga	Lo	0	L
A263	Yi Syllable	Ngap	Lo	0	L
A264	Yi Syllable	Nguot	Lo	0	L
A265	Yi Syllable	Nguox	Lo	0	L
A266	Yi Syllable	Nguo	Lo	0	L
A267	Yi Syllable	Ngot	Lo	0	L
A268	Yi Syllable	Ngox	Lo	0	L
A269	Yi Syllable	Ngo	Lo	0	L
A26a	Yi Syllable	Ngop	Lo	0	L
A26b	Yi Syllable	Ngex	Lo	0	L
A26c	Yi Syllable	Nge	Lo	0	L
A26d	Yi Syllable	Ngex	Lo	0	L
A26e	Yi Syllable	Ngie	Lo	0	L
A26f	Yi Syllable	Ngix	Lo	0	L
A270	Yi Syllable	Hie	Lo	0	L
A271	Yi Syllable	Hat	Lo	0	L
A272	Yi Syllable	Hax	Lo	0	L
A273	Yi Syllable	Ha	Lo	0	L
A274	Yi Syllable	Hap	Lo	0	L
A275	Yi Syllable	Huot	Lo	0	L
A276	Yi Syllable	Huox	Lo	0	L
A277	Yi Syllable	Huo	Lo	0	L
A278	Yi Syllable	Huop	Lo	0	L
A279	Yi Syllable	Hot	Lo	0	L
A27a	Yi Syllable	Hox	Lo	0	L
A27b	Yi Syllable	Ho	Lo	0	L
A27c	Yi Syllable	Hop	Lo	0	L
A27d	Yi Syllable	Hex	Lo	0	L
A27e	Yi Syllable	He	Lo	0	L
A27f	Yi Syllable	Hep	Lo	0	L
A280	Yi Syllable	Wat	Lo	0	L

A281	Yi Syllable	Wax	Lo	0	L
A282	Yi Syllable	Wa	Lo	0	L
A283	Yi Syllable	Wap	Lo	0	L
A284	Yi Syllable	Wuox	Lo	0	L
A285	Yi Syllable	Wuo	Lo	0	L
A286	Yi Syllable	Wuop	Lo	0	L
A287	Yi Syllable	Wox	Lo	0	L
A288	Yi Syllable	Wo	Lo	0	L
A289	Yi Syllable	Wop	Lo	0	L
A28a	Yi Syllable	Wex	Lo	0	L
A28b	Yi Syllable	We	Lo	0	L
A28c	Yi Syllable	Wep	Lo	0	L
A28d	Yi Syllable	Zit	Lo	0	L
A28e	Yi Syllable	Zix	Lo	0	L
A28f	Yi Syllable	Zi	Lo	0	L
A290	Yi Syllable	Zip	Lo	0	L
A291	Yi Syllable	Ziex	Lo	0	L
A292	Yi Syllable	Zie	Lo	0	L
A293	Yi Syllable	Ziep	Lo	0	L
A294	Yi Syllable	Zat	Lo	0	L
A295	Yi Syllable	Zax	Lo	0	L
A296	Yi Syllable	Za	Lo	0	L
A297	Yi Syllable	Zap	Lo	0	L
A298	Yi Syllable	Zuox	Lo	0	L
A299	Yi Syllable	Zuo	Lo	0	L
A29a	Yi Syllable	Zuop	Lo	0	L
A29b	Yi Syllable	Zot	Lo	0	L
A29c	Yi Syllable	Zox	Lo	0	L
A29d	Yi Syllable	Zo	Lo	0	L
A29e	Yi Syllable	Zop	Lo	0	L
A29f	Yi Syllable	Zex	Lo	0	L
A2a0	Yi Syllable	Ze	Lo	0	L
A2a1	Yi Syllable	Zep	Lo	0	L
A2a2	Yi Syllable	Zut	Lo	0	L
A2a3	Yi Syllable	Zux	Lo	0	L
A2a4	Yi Syllable	Zu	Lo	0	L
A2a5	Yi Syllable	Zup	Lo	0	L
A2a6	Yi Syllable	Zurx	Lo	0	L
A2a7	Yi Syllable	Zur	Lo	0	L
A2a8	Yi Syllable	Zyt	Lo	0	L
A2a9	Yi Syllable	Zyx	Lo	0	L
A2aa	Yi Syllable	Zy	Lo	0	L
A2ab	Yi Syllable	Zyp	Lo	0	L
A2ac	Yi Syllable	Zyrx	Lo	0	L
A2ad	Yi Syllable	Zyr	Lo	0	L
A2ae	Yi Syllable	Cit	Lo	0	L
A2af	Yi Syllable	Cix	Lo	0	L
A2b0	Yi Syllable	Ci	Lo	0	L
A2b1	Yi Syllable	Cip	Lo	0	L
A2b2	Yi Syllable	Ciet	Lo	0	L
A2b3	Yi Syllable	Ciex	Lo	0	L
A2b4	Yi Syllable	Cie	Lo	0	L
A2b5	Yi Syllable	Ciep	Lo	0	L
A2b6	Yi Syllable	Cat	Lo	0	L
A2b7	Yi Syllable	Cax	Lo	0	L
A2b8	Yi Syllable	Ca	Lo	0	L
A2b9	Yi Syllable	Cap	Lo	0	L
A2ba	Yi Syllable	Cuox	Lo	0	L
A2bb	Yi Syllable	Cuo	Lo	0	L
A2bc	Yi Syllable	Cuop	Lo	0	L
A2bd	Yi Syllable	Cot	Lo	0	L
A2be	Yi Syllable	Cox	Lo	0	L
A2bf	Yi Syllable	Co	Lo	0	L
A2c0	Yi Syllable	Cop	Lo	0	L
A2c1	Yi Syllable	Cex	Lo	0	L
A2c2	Yi Syllable	Ce	Lo	0	L
A2c3	Yi Syllable	Cep	Lo	0	L
A2c4	Yi Syllable	Cut	Lo	0	L
A2c5	Yi Syllable	Cux	Lo	0	L
A2c6	Yi Syllable	Cu	Lo	0	L
A2c7	Yi Syllable	Cup	Lo	0	L
A2c8	Yi Syllable	Curx	Lo	0	L
A2c9	Yi Syllable	Cur	Lo	0	L
A2ca	Yi Syllable	Cyt	Lo	0	L
A2cb	Yi Syllable	Cyx	Lo	0	L
A2cc	Yi Syllable	Cy	Lo	0	L
A2cd	Yi Syllable	Cyp	Lo	0	L
A2ce	Yi Syllable	Cyrx	Lo	0	L
A2cf	Yi Syllable	Cyr	Lo	0	L
A2d0	Yi Syllable	Zzit	Lo	0	L
A2d1	Yi Syllable	Zzix	Lo	0	L
A2d2	Yi Syllable	Zzi	Lo	0	L
A2d3	Yi Syllable	Zzip	Lo	0	L
A2d4	Yi Syllable	Zziet	Lo	0	L
A2d5	Yi Syllable	Zziex	Lo	0	L
A2d6	Yi Syllable	Zzie	Lo	0	L
A2d7	Yi Syllable	Zziep	Lo	0	L
A2d8	Yi Syllable	Zzat	Lo	0	L
A2d9	Yi Syllable	Zzax	Lo	0	L
A2da	Yi Syllable	Zza	Lo	0	L
A2db	Yi Syllable	Zzap	Lo	0	L
A2dc	Yi Syllable	Zzox	Lo	0	L
A2dd	Yi Syllable	Zzo	Lo	0	L
A2de	Yi Syllable	Zzop	Lo	0	L
A2df	Yi Syllable	Zzex	Lo	0	L
A2e0	Yi Syllable	Zze	Lo	0	L
A2e1	Yi Syllable	Zzep	Lo	0	L
A2e2	Yi Syllable	Zzux	Lo	0	L
A2e3	Yi Syllable	Zzu	Lo	0	L
A2e4	Yi Syllable	Zzup	Lo	0	L
A2e5	Yi Syllable	Zzurx	Lo	0	L
A2e6	Yi Syllable	Zzur	Lo	0	L
A2e7	Yi Syllable	Zzyt	Lo	0	L
A2e8	Yi Syllable	Zzyx	Lo	0	L

A2e9	Yi Syllable	Zzy	Lo	0	L
A2ea	Yi Syllable	Zzyp	Lo	0	L
A2eb	Yi Syllable	Zzyrx	Lo	0	L
A2ec	Yi Syllable	Zzyr	Lo	0	L
A2ed	Yi Syllable	Nzit	Lo	0	L
A2ee	Yi Syllable	Nzix	Lo	0	L
A2ef	Yi Syllable	Nzi	Lo	0	L
A2f0	Yi Syllable	Nzip	Lo	0	L
A2f1	Yi Syllable	Nziex	Lo	0	L
A2f2	Yi Syllable	Nzie	Lo	0	L
A2f3	Yi Syllable	Nziep	Lo	0	L
A2f4	Yi Syllable	Nzat	Lo	0	L
A2f5	Yi Syllable	Nzax	Lo	0	L
A2f6	Yi Syllable	Nza	Lo	0	L
A2f7	Yi Syllable	Nzap	Lo	0	L
A2f8	Yi Syllable	Nzuox	Lo	0	L
A2f9	Yi Syllable	Nzuo	Lo	0	L
A2fa	Yi Syllable	Nzox	Lo	0	L
A2fb	Yi Syllable	Nzop	Lo	0	L
A2fc	Yi Syllable	Nzex	Lo	0	L
A2fd	Yi Syllable	Nze	Lo	0	L
A2fe	Yi Syllable	Nzux	Lo	0	L
A2ff	Yi Syllable	Nzu	Lo	0	L
A300	Yi Syllable	Nzup	Lo	0	L
A301	Yi Syllable	Nzurx	Lo	0	L
A302	Yi Syllable	Nzur	Lo	0	L
A303	Yi Syllable	Nzyt	Lo	0	L
A304	Yi Syllable	Nzyx	Lo	0	L
A305	Yi Syllable	Nzy	Lo	0	L
A306	Yi Syllable	Nzyp	Lo	0	L
A307	Yi Syllable	Nzyrx	Lo	0	L
A308	Yi Syllable	Nzyr	Lo	0	L
A309	Yi Syllable	Sit	Lo	0	L
A30a	Yi Syllable	Six	Lo	0	L
A30b	Yi Syllable	Si	Lo	0	L
A30c	Yi Syllable	Sip	Lo	0	L
A30d	Yi Syllable	Siex	Lo	0	L
A30e	Yi Syllable	Sie	Lo	0	L
A30f	Yi Syllable	Siep	Lo	0	L
A310	Yi Syllable	Sat	Lo	0	L
A311	Yi Syllable	Sax	Lo	0	L
A312	Yi Syllable	Sa	Lo	0	L
A313	Yi Syllable	Sap	Lo	0	L
A314	Yi Syllable	Suox	Lo	0	L
A315	Yi Syllable	Suo	Lo	0	L
A316	Yi Syllable	Suop	Lo	0	L
A317	Yi Syllable	Sot	Lo	0	L
A318	Yi Syllable	Sox	Lo	0	L
A319	Yi Syllable	So	Lo	0	L
A31a	Yi Syllable	Sop	Lo	0	L
A31b	Yi Syllable	Sex	Lo	0	L
A31c	Yi Syllable	Se	Lo	0	L
A31d	Yi Syllable	Sep	Lo	0	L
A31e	Yi Syllable	Sut	Lo	0	L
A31f	Yi Syllable	Sux	Lo	0	L
A320	Yi Syllable	Su	Lo	0	L
A321	Yi Syllable	Sup	Lo	0	L
A322	Yi Syllable	Surx	Lo	0	L
A323	Yi Syllable	Sur	Lo	0	L
A324	Yi Syllable	Syt	Lo	0	L
A325	Yi Syllable	Syx	Lo	0	L
A326	Yi Syllable	Sy	Lo	0	L
A327	Yi Syllable	Syp	Lo	0	L
A328	Yi Syllable	Syrx	Lo	0	L
A329	Yi Syllable	Syr	Lo	0	L
A32a	Yi Syllable	Ssit	Lo	0	L
A32b	Yi Syllable	Ssix	Lo	0	L
A32c	Yi Syllable	Ssi	Lo	0	L
A32d	Yi Syllable	Ssip	Lo	0	L
A32e	Yi Syllable	Ssiex	Lo	0	L
A32f	Yi Syllable	Ssie	Lo	0	L
A330	Yi Syllable	Ssiep	Lo	0	L
A331	Yi Syllable	Ssat	Lo	0	L
A332	Yi Syllable	Ssax	Lo	0	L
A333	Yi Syllable	Ssa	Lo	0	L
A334	Yi Syllable	Ssap	Lo	0	L
A335	Yi Syllable	Ssot	Lo	0	L
A336	Yi Syllable	Ssox	Lo	0	L
A337	Yi Syllable	Sso	Lo	0	L
A338	Yi Syllable	Ssop	Lo	0	L
A339	Yi Syllable	Ssex	Lo	0	L
A33a	Yi Syllable	Sse	Lo	0	L
A33b	Yi Syllable	Ssep	Lo	0	L
A33c	Yi Syllable	Ssut	Lo	0	L
A33d	Yi Syllable	Ssux	Lo	0	L
A33e	Yi Syllable	Ssu	Lo	0	L
A33f	Yi Syllable	Ssup	Lo	0	L
A340	Yi Syllable	Ssyt	Lo	0	L
A341	Yi Syllable	Ssyx	Lo	0	L
A342	Yi Syllable	Ssy	Lo	0	L
A343	Yi Syllable	Ssyp	Lo	0	L
A344	Yi Syllable	Ssyrx	Lo	0	L
A345	Yi Syllable	Ssyr	Lo	0	L
A346	Yi Syllable	Zhat	Lo	0	L
A347	Yi Syllable	Zhax	Lo	0	L
A348	Yi Syllable	Zha	Lo	0	L
A349	Yi Syllable	Zhap	Lo	0	L
A34a	Yi Syllable	Zhuox	Lo	0	L
A34b	Yi Syllable	Zhuo	Lo	0	L
A34c	Yi Syllable	Zhuop	Lo	0	L
A34d	Yi Syllable	Zhot	Lo	0	L
A34e	Yi Syllable	Zhox	Lo	0	L
A34f	Yi Syllable	Zho	Lo	0	L
A350	Yi Syllable	Zhop	Lo	0	L

A351	Yi Syllable	Zhet	Lo	0	L
A352	Yi Syllable	Zhex	Lo	0	L
A353	Yi Syllable	Zhe	Lo	0	L
A354	Yi Syllable	Zhep	Lo	0	L
A355	Yi Syllable	Zhut	Lo	0	L
A356	Yi Syllable	Zhux	Lo	0	L
A357	Yi Syllable	Zhu	Lo	0	L
A358	Yi Syllable	Zhup	Lo	0	L
A359	Yi Syllable	Zhurx	Lo	0	L
A35a	Yi Syllable	Zhur	Lo	0	L
A35b	Yi Syllable	Zhyt	Lo	0	L
A35c	Yi Syllable	Zhyx	Lo	0	L
A35d	Yi Syllable	Zhy	Lo	0	L
A35e	Yi Syllable	Zhyp	Lo	0	L
A35f	Yi Syllable	Zhyrx	Lo	0	L
A360	Yi Syllable	Zhyr	Lo	0	L
A361	Yi Syllable	Chat	Lo	0	L
A362	Yi Syllable	Chax	Lo	0	L
A363	Yi Syllable	Cha	Lo	0	L
A364	Yi Syllable	Chap	Lo	0	L
A365	Yi Syllable	Chuot	Lo	0	L
A366	Yi Syllable	Chuox	Lo	0	L
A367	Yi Syllable	Chuo	Lo	0	L
A368	Yi Syllable	Chuop	Lo	0	L
A369	Yi Syllable	Chot	Lo	0	L
A36a	Yi Syllable	Chox	Lo	0	L
A36b	Yi Syllable	Cho	Lo	0	L
A36c	Yi Syllable	Chop	Lo	0	L
A36d	Yi Syllable	Chet	Lo	0	L
A36e	Yi Syllable	Chex	Lo	0	L
A36f	Yi Syllable	Che	Lo	0	L
A370	Yi Syllable	Chep	Lo	0	L
A371	Yi Syllable	Chux	Lo	0	L
A372	Yi Syllable	Chu	Lo	0	L
A373	Yi Syllable	Chup	Lo	0	L
A374	Yi Syllable	Churx	Lo	0	L
A375	Yi Syllable	Chur	Lo	0	L
A376	Yi Syllable	Chyt	Lo	0	L
A377	Yi Syllable	Chyx	Lo	0	L
A378	Yi Syllable	Chy	Lo	0	L
A379	Yi Syllable	Chyp	Lo	0	L
A37a	Yi Syllable	Chyrx	Lo	0	L
A37b	Yi Syllable	Chyr	Lo	0	L
A37c	Yi Syllable	Rrax	Lo	0	L
A37d	Yi Syllable	Rra	Lo	0	L
A37e	Yi Syllable	Rruox	Lo	0	L
A37f	Yi Syllable	Rruo	Lo	0	L
A380	Yi Syllable	Rrot	Lo	0	L
A381	Yi Syllable	Rrox	Lo	0	L
A382	Yi Syllable	Rro	Lo	0	L
A383	Yi Syllable	Rrop	Lo	0	L
A384	Yi Syllable	Rret	Lo	0	L
A385	Yi Syllable	Rrex	Lo	0	L
A386	Yi Syllable	Rre	Lo	0	L
A387	Yi Syllable	Rrep	Lo	0	L
A388	Yi Syllable	Rrut	Lo	0	L
A389	Yi Syllable	Rruox	Lo	0	L
A38a	Yi Syllable	Rru	Lo	0	L
A38b	Yi Syllable	Rrup	Lo	0	L
A38c	Yi Syllable	Rrurx	Lo	0	L
A38d	Yi Syllable	Rrur	Lo	0	L
A38e	Yi Syllable	Rryt	Lo	0	L
A38f	Yi Syllable	Rryx	Lo	0	L
A390	Yi Syllable	Rry	Lo	0	L
A391	Yi Syllable	Rryp	Lo	0	L
A392	Yi Syllable	Rryrx	Lo	0	L
A393	Yi Syllable	Rryr	Lo	0	L
A394	Yi Syllable	Nrat	Lo	0	L
A395	Yi Syllable	Nrax	Lo	0	L
A396	Yi Syllable	Nra	Lo	0	L
A397	Yi Syllable	Nrap	Lo	0	L
A398	Yi Syllable	Nrox	Lo	0	L
A399	Yi Syllable	Nro	Lo	0	L
A39a	Yi Syllable	Nrop	Lo	0	L
A39b	Yi Syllable	Nret	Lo	0	L
A39c	Yi Syllable	Nrex	Lo	0	L
A39d	Yi Syllable	Nre	Lo	0	L
A39e	Yi Syllable	Nrep	Lo	0	L
A39f	Yi Syllable	Nrut	Lo	0	L
A3a0	Yi Syllable	Nruox	Lo	0	L
A3a1	Yi Syllable	Nru	Lo	0	L
A3a2	Yi Syllable	Nrup	Lo	0	L
A3a3	Yi Syllable	Nrurx	Lo	0	L
A3a4	Yi Syllable	Nrur	Lo	0	L
A3a5	Yi Syllable	Nryt	Lo	0	L
A3a6	Yi Syllable	Nryx	Lo	0	L
A3a7	Yi Syllable	Nry	Lo	0	L
A3a8	Yi Syllable	Nryp	Lo	0	L
A3a9	Yi Syllable	Nryrx	Lo	0	L
A3aa	Yi Syllable	Nryr	Lo	0	L
A3ab	Yi Syllable	Shat	Lo	0	L
A3ac	Yi Syllable	Shax	Lo	0	L
A3ad	Yi Syllable	Sha	Lo	0	L
A3ae	Yi Syllable	Shap	Lo	0	L
A3af	Yi Syllable	Shuox	Lo	0	L
A3b0	Yi Syllable	Shuo	Lo	0	L
A3b1	Yi Syllable	Shuop	Lo	0	L
A3b2	Yi Syllable	Shot	Lo	0	L
A3b3	Yi Syllable	Shox	Lo	0	L
A3b4	Yi Syllable	Sho	Lo	0	L
A3b5	Yi Syllable	Shop	Lo	0	L
A3b6	Yi Syllable	Shet	Lo	0	L
A3b7	Yi Syllable	Shex	Lo	0	L
A3b8	Yi Syllable	She	Lo	0	L

A3b9	Yi Syllable	Shep	Lo	0	L
A3ba	Yi Syllable	Shut	Lo	0	L
A3bb	Yi Syllable	Shux	Lo	0	L
A3bc	Yi Syllable	Shu	Lo	0	L
A3bd	Yi Syllable	Shup	Lo	0	L
A3be	Yi Syllable	Shurx	Lo	0	L
A3bf	Yi Syllable	Shur	Lo	0	L
A3c0	Yi Syllable	Shyt	Lo	0	L
A3c1	Yi Syllable	Shyx	Lo	0	L
A3c2	Yi Syllable	Shy	Lo	0	L
A3c3	Yi Syllable	Shyp	Lo	0	L
A3c4	Yi Syllable	Shyrx	Lo	0	L
A3c5	Yi Syllable	Shyr	Lo	0	L
A3c6	Yi Syllable	Rat	Lo	0	L
A3c7	Yi Syllable	Rax	Lo	0	L
A3c8	Yi Syllable	Ra	Lo	0	L
A3c9	Yi Syllable	Rap	Lo	0	L
A3ca	Yi Syllable	Ruox	Lo	0	L
A3cb	Yi Syllable	Ruo	Lo	0	L
A3cc	Yi Syllable	Ruop	Lo	0	L
A3cd	Yi Syllable	Rot	Lo	0	L
A3ce	Yi Syllable	Rox	Lo	0	L
A3cf	Yi Syllable	Ro	Lo	0	L
A3d0	Yi Syllable	Rop	Lo	0	L
A3d1	Yi Syllable	Rex	Lo	0	L
A3d2	Yi Syllable	Re	Lo	0	L
A3d3	Yi Syllable	Rep	Lo	0	L
A3d4	Yi Syllable	Rut	Lo	0	L
A3d5	Yi Syllable	Rux	Lo	0	L
A3d6	Yi Syllable	Ru	Lo	0	L
A3d7	Yi Syllable	Rup	Lo	0	L
A3d8	Yi Syllable	Rurx	Lo	0	L
A3d9	Yi Syllable	Rur	Lo	0	L
A3da	Yi Syllable	Ryt	Lo	0	L
A3db	Yi Syllable	Ryx	Lo	0	L
A3dc	Yi Syllable	Ry	Lo	0	L
A3dd	Yi Syllable	Ryp	Lo	0	L
A3de	Yi Syllable	Ryrx	Lo	0	L
A3df	Yi Syllable	Ryr	Lo	0	L
A3e0	Yi Syllable	Jit	Lo	0	L
A3e1	Yi Syllable	Jix	Lo	0	L
A3e2	Yi Syllable	Ji	Lo	0	L
A3e3	Yi Syllable	Jip	Lo	0	L
A3e4	Yi Syllable	Jiet	Lo	0	L
A3e5	Yi Syllable	Jiex	Lo	0	L
A3e6	Yi Syllable	Jie	Lo	0	L
A3e7	Yi Syllable	Jiep	Lo	0	L
A3e8	Yi Syllable	Juot	Lo	0	L
A3e9	Yi Syllable	Juox	Lo	0	L
A3ea	Yi Syllable	Juo	Lo	0	L
A3eb	Yi Syllable	Juop	Lo	0	L
A3ec	Yi Syllable	Jot	Lo	0	L
A3ed	Yi Syllable	Jox	Lo	0	L
A3ee	Yi Syllable	Jo	Lo	0	L
A3ef	Yi Syllable	Jop	Lo	0	L
A3f0	Yi Syllable	Jut	Lo	0	L
A3f1	Yi Syllable	Jux	Lo	0	L
A3f2	Yi Syllable	Ju	Lo	0	L
A3f3	Yi Syllable	Jup	Lo	0	L
A3f4	Yi Syllable	Jurx	Lo	0	L
A3f5	Yi Syllable	Jur	Lo	0	L
A3f6	Yi Syllable	Jyt	Lo	0	L
A3f7	Yi Syllable	Jyx	Lo	0	L
A3f8	Yi Syllable	Jy	Lo	0	L
A3f9	Yi Syllable	Jyp	Lo	0	L
A3fa	Yi Syllable	Jyrx	Lo	0	L
A3fb	Yi Syllable	Jyr	Lo	0	L
A3fc	Yi Syllable	Qit	Lo	0	L
A3fd	Yi Syllable	Qix	Lo	0	L
A3fe	Yi Syllable	Qi	Lo	0	L
A3ff	Yi Syllable	Qip	Lo	0	L
A400	Yi Syllable	Qiet	Lo	0	L
A401	Yi Syllable	Qiex	Lo	0	L
A402	Yi Syllable	Qie	Lo	0	L
A403	Yi Syllable	Qiep	Lo	0	L
A404	Yi Syllable	Quot	Lo	0	L
A405	Yi Syllable	Quox	Lo	0	L
A406	Yi Syllable	Quo	Lo	0	L
A407	Yi Syllable	Quop	Lo	0	L
A408	Yi Syllable	Qot	Lo	0	L
A409	Yi Syllable	Qox	Lo	0	L
A40a	Yi Syllable	Qo	Lo	0	L
A40b	Yi Syllable	Qop	Lo	0	L
A40c	Yi Syllable	Qut	Lo	0	L
A40d	Yi Syllable	Qux	Lo	0	L
A40e	Yi Syllable	Qu	Lo	0	L
A40f	Yi Syllable	Qup	Lo	0	L
A410	Yi Syllable	Qurx	Lo	0	L
A411	Yi Syllable	Qur	Lo	0	L
A412	Yi Syllable	Qyt	Lo	0	L
A413	Yi Syllable	Qyx	Lo	0	L
A414	Yi Syllable	Qy	Lo	0	L
A415	Yi Syllable	Qyp	Lo	0	L
A416	Yi Syllable	Qyrx	Lo	0	L
A417	Yi Syllable	Qyr	Lo	0	L
A418	Yi Syllable	Jjit	Lo	0	L
A419	Yi Syllable	Jjix	Lo	0	L
A41a	Yi Syllable	Jji	Lo	0	L
A41b	Yi Syllable	Jjip	Lo	0	L
A41c	Yi Syllable	Jjiet	Lo	0	L
A41d	Yi Syllable	Jjiex	Lo	0	L
A41e	Yi Syllable	Jjie	Lo	0	L
A41f	Yi Syllable	Jjiep	Lo	0	L
A420	Yi Syllable	Jjuox	Lo	0	L

A421	Yi Syllable	Jjuo	Lo	0	L
A422	Yi Syllable	Jjuop	Lo	0	L
A423	Yi Syllable	Jjot	Lo	0	L
A424	Yi Syllable	Jjox	Lo	0	L
A425	Yi Syllable	Jjo	Lo	0	L
A426	Yi Syllable	Jjop	Lo	0	L
A427	Yi Syllable	Jjut	Lo	0	L
A428	Yi Syllable	Jjux	Lo	0	L
A429	Yi Syllable	Jju	Lo	0	L
A42a	Yi Syllable	Jjup	Lo	0	L
A42b	Yi Syllable	Jjurx	Lo	0	L
A42c	Yi Syllable	Jjur	Lo	0	L
A42d	Yi Syllable	Jjyt	Lo	0	L
A42e	Yi Syllable	Jjyx	Lo	0	L
A42f	Yi Syllable	Jjy	Lo	0	L
A430	Yi Syllable	Jjyp	Lo	0	L
A431	Yi Syllable	Njit	Lo	0	L
A432	Yi Syllable	Njix	Lo	0	L
A433	Yi Syllable	Nji	Lo	0	L
A434	Yi Syllable	Njip	Lo	0	L
A435	Yi Syllable	Njiet	Lo	0	L
A436	Yi Syllable	Njiex	Lo	0	L
A437	Yi Syllable	Njie	Lo	0	L
A438	Yi Syllable	Njiep	Lo	0	L
A439	Yi Syllable	Njuox	Lo	0	L
A43a	Yi Syllable	Njuo	Lo	0	L
A43b	Yi Syllable	Njot	Lo	0	L
A43c	Yi Syllable	Njox	Lo	0	L
A43d	Yi Syllable	Njo	Lo	0	L
A43e	Yi Syllable	Njop	Lo	0	L
A43f	Yi Syllable	Njux	Lo	0	L
A440	Yi Syllable	Nju	Lo	0	L
A441	Yi Syllable	Njup	Lo	0	L
A442	Yi Syllable	Njurx	Lo	0	L
A443	Yi Syllable	Njur	Lo	0	L
A444	Yi Syllable	Njyt	Lo	0	L
A445	Yi Syllable	Njyx	Lo	0	L
A446	Yi Syllable	Njy	Lo	0	L
A447	Yi Syllable	Njyp	Lo	0	L
A448	Yi Syllable	Njyrx	Lo	0	L
A449	Yi Syllable	Njyr	Lo	0	L
A44a	Yi Syllable	Nyit	Lo	0	L
A44b	Yi Syllable	Nyix	Lo	0	L
A44c	Yi Syllable	Nyi	Lo	0	L
A44d	Yi Syllable	Nyip	Lo	0	L
A44e	Yi Syllable	Nyiet	Lo	0	L
A44f	Yi Syllable	Nyiex	Lo	0	L
A450	Yi Syllable	Nyie	Lo	0	L
A451	Yi Syllable	Nyiep	Lo	0	L
A452	Yi Syllable	Nyuox	Lo	0	L
A453	Yi Syllable	Nyuo	Lo	0	L
A454	Yi Syllable	Nyuop	Lo	0	L
A455	Yi Syllable	Nyot	Lo	0	L
A456	Yi Syllable	Nyox	Lo	0	L
A457	Yi Syllable	Nyo	Lo	0	L
A458	Yi Syllable	Nyop	Lo	0	L
A459	Yi Syllable	Nyut	Lo	0	L
A45a	Yi Syllable	Nyux	Lo	0	L
A45b	Yi Syllable	Nyu	Lo	0	L
A45c	Yi Syllable	Nyup	Lo	0	L
A45d	Yi Syllable	Xit	Lo	0	L
A45e	Yi Syllable	Xix	Lo	0	L
A45f	Yi Syllable	Xi	Lo	0	L
A460	Yi Syllable	Xip	Lo	0	L
A461	Yi Syllable	Xiet	Lo	0	L
A462	Yi Syllable	Xiex	Lo	0	L
A463	Yi Syllable	Xie	Lo	0	L
A464	Yi Syllable	Xiep	Lo	0	L
A465	Yi Syllable	Xuox	Lo	0	L
A466	Yi Syllable	Xuo	Lo	0	L
A467	Yi Syllable	Xot	Lo	0	L
A468	Yi Syllable	Xox	Lo	0	L
A469	Yi Syllable	Xo	Lo	0	L
A46a	Yi Syllable	Xop	Lo	0	L
A46b	Yi Syllable	Xyt	Lo	0	L
A46c	Yi Syllable	Xyx	Lo	0	L
A46d	Yi Syllable	Xy	Lo	0	L
A46e	Yi Syllable	Xyp	Lo	0	L
A46f	Yi Syllable	Xyrx	Lo	0	L
A470	Yi Syllable	Xyr	Lo	0	L
A471	Yi Syllable	Yit	Lo	0	L
A472	Yi Syllable	Yix	Lo	0	L
A473	Yi Syllable	Yi	Lo	0	L
A474	Yi Syllable	Yip	Lo	0	L
A475	Yi Syllable	Yiet	Lo	0	L
A476	Yi Syllable	Yiex	Lo	0	L
A477	Yi Syllable	Yie	Lo	0	L
A478	Yi Syllable	Yiep	Lo	0	L
A479	Yi Syllable	Yuot	Lo	0	L
A47a	Yi Syllable	Yuox	Lo	0	L
A47b	Yi Syllable	Yuo	Lo	0	L
A47c	Yi Syllable	Yuop	Lo	0	L
A47d	Yi Syllable	Yot	Lo	0	L
A47e	Yi Syllable	Yox	Lo	0	L
A47f	Yi Syllable	Yo	Lo	0	L
A480	Yi Syllable	Yop	Lo	0	L
A481	Yi Syllable	Yut	Lo	0	L
A482	Yi Syllable	Yux	Lo	0	L
A483	Yi Syllable	Yu	Lo	0	L
A484	Yi Syllable	Yup	Lo	0	L
A485	Yi Syllable	Yurx	Lo	0	L
A486	Yi Syllable	Yur	Lo	0	L
A487	Yi Syllable	Yyt	Lo	0	L
A488	Yi Syllable	Yyx	Lo	0	L

A489	Yi Syllable Yy	Lo	0	L
A48a	Yi Syllable Yyp	Lo	0	L
A48b	Yi Syllable Yyrx	Lo	0	L
A48c	Yi Syllable Yyr	Lo	0	L

=====
Yi Radicals (A490 to A4CF)
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Hex	Character	Gen	Cmb	Bid	Map
A490	Yi Radical Qot	So	0	ON	
A491	Yi Radical Li	So	0	ON	
A492	Yi Radical Kit	So	0	ON	
A493	Yi Radical Nyip	So	0	ON	
A494	Yi Radical Cyp	So	0	ON	
A495	Yi Radical Ssi	So	0	ON	
A496	Yi Radical Ggop	So	0	ON	
A497	Yi Radical Gep	So	0	ON	
A498	Yi Radical Mi	So	0	ON	
A499	Yi Radical Hxit	So	0	ON	
A49a	Yi Radical Lyr	So	0	ON	
A49b	Yi Radical Bbut	So	0	ON	
A49c	Yi Radical Mop	So	0	ON	
A49d	Yi Radical Yo	So	0	ON	
A49e	Yi Radical Put	So	0	ON	
A49f	Yi Radical Hxuo	So	0	ON	
A4a0	Yi Radical Tat	So	0	ON	
A4a1	Yi Radical Ga	So	0	ON	
A4a2	Yi Radical Zup	So	0	ON	
A4a3	Yi Radical Cyt	So	0	ON	
A4a4	Yi Radical Ddur	So	0	ON	
A4a5	Yi Radical Bur	So	0	ON	
A4a6	Yi Radical Gguo	So	0	ON	
A4a7	Yi Radical Nyop	So	0	ON	
A4a8	Yi Radical Tu	So	0	ON	
A4a9	Yi Radical Op	So	0	ON	
A4aa	Yi Radical Jjut	So	0	ON	
A4ab	Yi Radical Zot	So	0	ON	
A4ac	Yi Radical Pyt	So	0	ON	
A4ad	Yi Radical Hmo	So	0	ON	
A4ae	Yi Radical Yit	So	0	ON	
A4af	Yi Radical Vur	So	0	ON	
A4b0	Yi Radical Shy	So	0	ON	
A4b1	Yi Radical Vep	So	0	ON	
A4b2	Yi Radical Za	So	0	ON	
A4b3	Yi Radical Jo	So	0	ON	
A4b4	Yi Radical Nzup	So	0	ON	
A4b5	Yi Radical Jjy	So	0	ON	
A4b6	Yi Radical Got	So	0	ON	
A4b7	Yi Radical Jjie	So	0	ON	
A4b8	Yi Radical Wo	So	0	ON	
A4b9	Yi Radical Du	So	0	ON	
A4ba	Yi Radical Shur	So	0	ON	
A4bb	Yi Radical Lie	So	0	ON	
A4bc	Yi Radical Cy	So	0	ON	
A4bd	Yi Radical Cuop	So	0	ON	
A4be	Yi Radical Cip	So	0	ON	
A4bf	Yi Radical Hxop	So	0	ON	
A4c0	Yi Radical Shat	So	0	ON	
A4c1	Yi Radical Zur	So	0	ON	
A4c2	Yi Radical Shop	So	0	ON	
A4c3	Yi Radical Che	So	0	ON	
A4c4	Yi Radical Zziet	So	0	ON	
A4c5	Yi Radical Nbie	So	0	ON	
A4c6	Yi Radical Ke	So	0	ON	

=====
Hangul Syllables (AC00 to D7AF)
=====

Hex	Character	Gen	Cmb	Bid	Map
Ac00	<Hangul Syllable, First>	Lo	0	L	
D7a3	<Hangul Syllable, Last>	Lo	0	L	

=====
High Surrogates (D800 to DB7F)
=====

Hex	Character	Gen	Cmb	Bid	Map
D800	<Non Private Use High Surrogate, First>	Cs	0	L	
Db7f	<Non Private Use High Surrogate, Last>	Cs	0	L	

=====
High Private Use Surrogates (DB80 to DBFF)
=====

Hex	Character	Gen	Cmb	Bid	Map
Db80	<Private Use High Surrogate, First>	Cs	0	L	
Dbff	<Private Use High Surrogate, Last>	Cs	0	L	

=====
Low Surrogates (DC00 to DFFF)
=====

Hex	Character	Gen	Cmb	Bid	Map
Dc00	<Low Surrogate, First>	Cs	0	L	
Dfff	<Low Surrogate, Last>	Cs	0	L	

Private Use Area (E000 to F8FF)

Hex	Character	Gen	Cmb	Bid	Map
E000	<Private Use, First>	Co	0	L	
F8ff	<Private Use, Last>	Co	0	L	

CJK Compatibility Ideographs (F900 to FAFF)

Hex	Character	Gen	Cmb	Bid	Map
F900	CJK Compatibility Ideograph-F900	Lo	0	L	
F901	CJK Compatibility Ideograph-F901	Lo	0	L	
F902	CJK Compatibility Ideograph-F902	Lo	0	L	
F903	CJK Compatibility Ideograph-F903	Lo	0	L	
F904	CJK Compatibility Ideograph-F904	Lo	0	L	
F905	CJK Compatibility Ideograph-F905	Lo	0	L	
F906	CJK Compatibility Ideograph-F906	Lo	0	L	
F907	CJK Compatibility Ideograph-F907	Lo	0	L	
F908	CJK Compatibility Ideograph-F908	Lo	0	L	
F909	CJK Compatibility Ideograph-F909	Lo	0	L	
F90a	CJK Compatibility Ideograph-F90a	Lo	0	L	
F90b	CJK Compatibility Ideograph-F90b	Lo	0	L	
F90c	CJK Compatibility Ideograph-F90c	Lo	0	L	
F90d	CJK Compatibility Ideograph-F90d	Lo	0	L	
F90e	CJK Compatibility Ideograph-F90e	Lo	0	L	
F90f	CJK Compatibility Ideograph-F90f	Lo	0	L	
F910	CJK Compatibility Ideograph-F910	Lo	0	L	
F911	CJK Compatibility Ideograph-F911	Lo	0	L	
F912	CJK Compatibility Ideograph-F912	Lo	0	L	
F913	CJK Compatibility Ideograph-F913	Lo	0	L	
F914	CJK Compatibility Ideograph-F914	Lo	0	L	
F915	CJK Compatibility Ideograph-F915	Lo	0	L	
F916	CJK Compatibility Ideograph-F916	Lo	0	L	
F917	CJK Compatibility Ideograph-F917	Lo	0	L	
F918	CJK Compatibility Ideograph-F918	Lo	0	L	
F919	CJK Compatibility Ideograph-F919	Lo	0	L	
F91a	CJK Compatibility Ideograph-F91a	Lo	0	L	
F91b	CJK Compatibility Ideograph-F91b	Lo	0	L	
F91c	CJK Compatibility Ideograph-F91c	Lo	0	L	
F91d	CJK Compatibility Ideograph-F91d	Lo	0	L	
F91e	CJK Compatibility Ideograph-F91e	Lo	0	L	
F91f	CJK Compatibility Ideograph-F91f	Lo	0	L	
F920	CJK Compatibility Ideograph-F920	Lo	0	L	
F921	CJK Compatibility Ideograph-F921	Lo	0	L	
F922	CJK Compatibility Ideograph-F922	Lo	0	L	
F923	CJK Compatibility Ideograph-F923	Lo	0	L	
F924	CJK Compatibility Ideograph-F924	Lo	0	L	
F925	CJK Compatibility Ideograph-F925	Lo	0	L	
F926	CJK Compatibility Ideograph-F926	Lo	0	L	
F927	CJK Compatibility Ideograph-F927	Lo	0	L	
F928	CJK Compatibility Ideograph-F928	Lo	0	L	
F929	CJK Compatibility Ideograph-F929	Lo	0	L	
F92a	CJK Compatibility Ideograph-F92a	Lo	0	L	
F92b	CJK Compatibility Ideograph-F92b	Lo	0	L	
F92c	CJK Compatibility Ideograph-F92c	Lo	0	L	
F92d	CJK Compatibility Ideograph-F92d	Lo	0	L	
F92e	CJK Compatibility Ideograph-F92e	Lo	0	L	
F92f	CJK Compatibility Ideograph-F92f	Lo	0	L	
F930	CJK Compatibility Ideograph-F930	Lo	0	L	
F931	CJK Compatibility Ideograph-F931	Lo	0	L	
F932	CJK Compatibility Ideograph-F932	Lo	0	L	
F933	CJK Compatibility Ideograph-F933	Lo	0	L	
F934	CJK Compatibility Ideograph-F934	Lo	0	L	
F935	CJK Compatibility Ideograph-F935	Lo	0	L	
F936	CJK Compatibility Ideograph-F936	Lo	0	L	
F937	CJK Compatibility Ideograph-F937	Lo	0	L	
F938	CJK Compatibility Ideograph-F938	Lo	0	L	
F939	CJK Compatibility Ideograph-F939	Lo	0	L	
F93a	CJK Compatibility Ideograph-F93a	Lo	0	L	
F93b	CJK Compatibility Ideograph-F93b	Lo	0	L	
F93c	CJK Compatibility Ideograph-F93c	Lo	0	L	
F93d	CJK Compatibility Ideograph-F93d	Lo	0	L	
F93e	CJK Compatibility Ideograph-F93e	Lo	0	L	
F93f	CJK Compatibility Ideograph-F93f	Lo	0	L	
F940	CJK Compatibility Ideograph-F940	Lo	0	L	
F941	CJK Compatibility Ideograph-F941	Lo	0	L	
F942	CJK Compatibility Ideograph-F942	Lo	0	L	
F943	CJK Compatibility Ideograph-F943	Lo	0	L	
F944	CJK Compatibility Ideograph-F944	Lo	0	L	
F945	CJK Compatibility Ideograph-F945	Lo	0	L	
F946	CJK Compatibility Ideograph-F946	Lo	0	L	
F947	CJK Compatibility Ideograph-F947	Lo	0	L	
F948	CJK Compatibility Ideograph-F948	Lo	0	L	
F949	CJK Compatibility Ideograph-F949	Lo	0	L	
F94a	CJK Compatibility Ideograph-F94a	Lo	0	L	
F94b	CJK Compatibility Ideograph-F94b	Lo	0	L	
F94c	CJK Compatibility Ideograph-F94c	Lo	0	L	
F94d	CJK Compatibility Ideograph-F94d	Lo	0	L	
F94e	CJK Compatibility Ideograph-F94e	Lo	0	L	
F94f	CJK Compatibility Ideograph-F94f	Lo	0	L	
F950	CJK Compatibility Ideograph-F950	Lo	0	L	

Fa21	CJK Compatibility Ideograph-Fa21	Lo	0	L
Fa22	CJK Compatibility Ideograph-Fa22	Lo	0	L
Fa23	CJK Compatibility Ideograph-Fa23	Lo	0	L
Fa24	CJK Compatibility Ideograph-Fa24	Lo	0	L
Fa25	CJK Compatibility Ideograph-Fa25	Lo	0	L
Fa26	CJK Compatibility Ideograph-Fa26	Lo	0	L
Fa27	CJK Compatibility Ideograph-Fa27	Lo	0	L
Fa28	CJK Compatibility Ideograph-Fa28	Lo	0	L
Fa29	CJK Compatibility Ideograph-Fa29	Lo	0	L
Fa2a	CJK Compatibility Ideograph-Fa2a	Lo	0	L
Fa2b	CJK Compatibility Ideograph-Fa2b	Lo	0	L
Fa2c	CJK Compatibility Ideograph-Fa2c	Lo	0	L
Fa2d	CJK Compatibility Ideograph-Fa2d	Lo	0	L
Fa30	CJK Compatibility Ideograph-Fa30	Lo	0	L
Fa31	CJK Compatibility Ideograph-Fa31	Lo	0	L
Fa32	CJK Compatibility Ideograph-Fa32	Lo	0	L
Fa33	CJK Compatibility Ideograph-Fa33	Lo	0	L
Fa34	CJK Compatibility Ideograph-Fa34	Lo	0	L
Fa35	CJK Compatibility Ideograph-Fa35	Lo	0	L
Fa36	CJK Compatibility Ideograph-Fa36	Lo	0	L
Fa37	CJK Compatibility Ideograph-Fa37	Lo	0	L
Fa38	CJK Compatibility Ideograph-Fa38	Lo	0	L
Fa39	CJK Compatibility Ideograph-Fa39	Lo	0	L
Fa3a	CJK Compatibility Ideograph-Fa3a	Lo	0	L
Fa3b	CJK Compatibility Ideograph-Fa3b	Lo	0	L
Fa3c	CJK Compatibility Ideograph-Fa3c	Lo	0	L
Fa3d	CJK Compatibility Ideograph-Fa3d	Lo	0	L
Fa3e	CJK Compatibility Ideograph-Fa3e	Lo	0	L
Fa3f	CJK Compatibility Ideograph-Fa3f	Lo	0	L
Fa40	CJK Compatibility Ideograph-Fa40	Lo	0	L
Fa41	CJK Compatibility Ideograph-Fa41	Lo	0	L
Fa42	CJK Compatibility Ideograph-Fa42	Lo	0	L
Fa43	CJK Compatibility Ideograph-Fa43	Lo	0	L
Fa44	CJK Compatibility Ideograph-Fa44	Lo	0	L
Fa45	CJK Compatibility Ideograph-Fa45	Lo	0	L
Fa46	CJK Compatibility Ideograph-Fa46	Lo	0	L
Fa47	CJK Compatibility Ideograph-Fa47	Lo	0	L
Fa48	CJK Compatibility Ideograph-Fa48	Lo	0	L
Fa49	CJK Compatibility Ideograph-Fa49	Lo	0	L
Fa4a	CJK Compatibility Ideograph-Fa4a	Lo	0	L
Fa4b	CJK Compatibility Ideograph-Fa4b	Lo	0	L
Fa4c	CJK Compatibility Ideograph-Fa4c	Lo	0	L
Fa4d	CJK Compatibility Ideograph-Fa4d	Lo	0	L
Fa4e	CJK Compatibility Ideograph-Fa4e	Lo	0	L
Fa4f	CJK Compatibility Ideograph-Fa4f	Lo	0	L
Fa50	CJK Compatibility Ideograph-Fa50	Lo	0	L
Fa51	CJK Compatibility Ideograph-Fa51	Lo	0	L
Fa52	CJK Compatibility Ideograph-Fa52	Lo	0	L
Fa53	CJK Compatibility Ideograph-Fa53	Lo	0	L
Fa54	CJK Compatibility Ideograph-Fa54	Lo	0	L
Fa55	CJK Compatibility Ideograph-Fa55	Lo	0	L
Fa56	CJK Compatibility Ideograph-Fa56	Lo	0	L
Fa57	CJK Compatibility Ideograph-Fa57	Lo	0	L
Fa58	CJK Compatibility Ideograph-Fa58	Lo	0	L
Fa59	CJK Compatibility Ideograph-Fa59	Lo	0	L
Fa5a	CJK Compatibility Ideograph-Fa5a	Lo	0	L
Fa5b	CJK Compatibility Ideograph-Fa5b	Lo	0	L
Fa5c	CJK Compatibility Ideograph-Fa5c	Lo	0	L
Fa5d	CJK Compatibility Ideograph-Fa5d	Lo	0	L
Fa5e	CJK Compatibility Ideograph-Fa5e	Lo	0	L
Fa5f	CJK Compatibility Ideograph-Fa5f	Lo	0	L
Fa60	CJK Compatibility Ideograph-Fa60	Lo	0	L
Fa61	CJK Compatibility Ideograph-Fa61	Lo	0	L
Fa62	CJK Compatibility Ideograph-Fa62	Lo	0	L
Fa63	CJK Compatibility Ideograph-Fa63	Lo	0	L
Fa64	CJK Compatibility Ideograph-Fa64	Lo	0	L
Fa65	CJK Compatibility Ideograph-Fa65	Lo	0	L
Fa66	CJK Compatibility Ideograph-Fa66	Lo	0	L
Fa67	CJK Compatibility Ideograph-Fa67	Lo	0	L
Fa68	CJK Compatibility Ideograph-Fa68	Lo	0	L
Fa69	CJK Compatibility Ideograph-Fa69	Lo	0	L
Fa6a	CJK Compatibility Ideograph-Fa6a	Lo	0	L

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 Alphabetic Presentation Forms (FB00 to FB4F)
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Hex	Character	Gen	Cmb	Bid	Map
Fb00	Latin Small Lig Ff	Ll	0	L	C
Fb01	Latin Small Lig Fi	Ll	0	L	C
Fb02	Latin Small Lig Fl	Ll	0	L	C
Fb03	Latin Small Lig Ffi	Ll	0	L	C
Fb04	Latin Small Lig Ffl	Ll	0	L	C
Fb05	Latin Small Lig Long S T	Ll	0	L	C
Fb06	Latin Small Lig St	Ll	0	L	C
Fb13	Armenian Small Lig Men Now	Ll	0	L	C
Fb14	Armenian Small Lig Men Ech	Ll	0	L	C
Fb15	Armenian Small Lig Men Ini	Ll	0	L	C
Fb16	Armenian Small Lig Vew Now	Ll	0	L	C
Fb17	Armenian Small Lig Men Xeh	Ll	0	L	C
Fb1d	Hebrew Letter Yod w Hiriq	Lo	0	R	
Fb1e	Hebrew Point Judeo-Spanish Varika	Mn	26	NSM	
Fb1f	Hebrew Lig Yiddish Yod Yod Patah	Lo	0	R	
Fb20	Hebrew Letter Alternative Ayin	Lo	0	R	F
Fb21	Hebrew Letter Wide Alef	Lo	0	R	F
Fb22	Hebrew Letter Wide Dalet	Lo	0	R	F
Fb23	Hebrew Letter Wide He	Lo	0	R	F
Fb24	Hebrew Letter Wide Kaf	Lo	0	R	F
Fb25	Hebrew Letter Wide Lamed	Lo	0	R	F
Fb26	Hebrew Letter Wide Final Mem	Lo	0	R	F
Fb27	Hebrew Letter Wide Resh	Lo	0	R	F
Fb28	Hebrew Letter Wide Tav	Lo	0	R	F

Fb29	Hebrew Letter Alternative Plus Sign	Sm	0	ET	F
Fb2a	Hebrew Letter Shin w Shin Dot	Lo	0	R	
Fb2b	Hebrew Letter Shin w Sin Dot	Lo	0	R	
Fb2c	Hebrew Letter Shin w Dagesh & Shin Dot	Lo	0	R	
Fb2d	Hebrew Letter Shin w Dagesh & Sin Dot	Lo	0	R	
Fb2e	Hebrew Letter Alef w Patah	Lo	0	R	
Fb2f	Hebrew Letter Alef w Qamats	Lo	0	R	
Fb30	Hebrew Letter Alef w Mapiq	Lo	0	R	
Fb31	Hebrew Letter Bet w Dagesh	Lo	0	R	
Fb32	Hebrew Letter Gimel w Dagesh	Lo	0	R	
Fb33	Hebrew Letter Dalet w Dagesh	Lo	0	R	
Fb34	Hebrew Letter He w Mapiq	Lo	0	R	
Fb35	Hebrew Letter Vav w Dagesh	Lo	0	R	
Fb36	Hebrew Letter Zayin w Dagesh	Lo	0	R	
Fb38	Hebrew Letter Tet w Dagesh	Lo	0	R	
Fb39	Hebrew Letter Yod w Dagesh	Lo	0	R	
Fb3a	Hebrew Letter Final Kaf w Dagesh	Lo	0	R	
Fb3b	Hebrew Letter Kaf w Dagesh	Lo	0	R	
Fb3c	Hebrew Letter Lamed w Dagesh	Lo	0	R	
Fb3e	Hebrew Letter Mem w Dagesh	Lo	0	R	
Fb40	Hebrew Letter Nun w Dagesh	Lo	0	R	
Fb41	Hebrew Letter Samekh w Dagesh	Lo	0	R	
Fb43	Hebrew Letter Final Pe w Dagesh	Lo	0	R	
Fb44	Hebrew Letter Pe w Dagesh	Lo	0	R	
Fb46	Hebrew Letter Tsadi w Dagesh	Lo	0	R	
Fb47	Hebrew Letter Qof w Dagesh	Lo	0	R	
Fb48	Hebrew Letter Resh w Dagesh	Lo	0	R	
Fb49	Hebrew Letter Shin w Dagesh	Lo	0	R	
Fb4a	Hebrew Letter Tav w Dagesh	Lo	0	R	
Fb4b	Hebrew Letter Vav w Holam	Lo	0	R	
Fb4c	Hebrew Letter Bet w Rafe	Lo	0	R	
Fb4d	Hebrew Letter Kaf w Rafe	Lo	0	R	
Fb4e	Hebrew Letter Pe w Rafe	Lo	0	R	
Fb4f	Hebrew Lig Alef Lamed	Lo	0	R	C

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Arabic Presentation Forms-A (FB50 to FDFD)
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A/ = Arabic
AMFF = Alef Maksura Final Form AMInF = Alef Maksura Initial Form
AMIsF = Alef Maksura Isolated Form AMMF = Alef Maksura Medial Form
SSIF = Stop Sign Isolated Form

Hex	Character	Gen	Cmb	Bid	Map
Fb50	A/Letter Alef Wasla Isolated Form	Lo	0	AL	IS
Fb51	A/Letter Alef Wasla Final Form	Lo	0	AL	F
Fb52	A/Letter Beeh Isolated Form	Lo	0	AL	IS
Fb53	A/Letter Beeh Final Form	Lo	0	AL	F
Fb54	A/Letter Beeh Initial Form	Lo	0	AL	I
Fb55	A/Letter Beeh Medial Form	Lo	0	AL	M
Fb56	A/Letter Peh Isolated Form	Lo	0	AL	IS
Fb57	A/Letter Peh Final Form	Lo	0	AL	F
Fb58	A/Letter Peh Initial Form	Lo	0	AL	I
Fb59	A/Letter Peh Medial Form	Lo	0	AL	M
Fb5a	A/Letter Beheh Isolated Form	Lo	0	AL	IS
Fb5b	A/Letter Beheh Final Form	Lo	0	AL	F
Fb5c	A/Letter Beheh Initial Form	Lo	0	AL	I
Fb5d	A/Letter Beheh Medial Form	Lo	0	AL	M
Fb5e	A/Letter Tteheh Isolated Form	Lo	0	AL	IS
Fb5f	A/Letter Tteheh Final Form	Lo	0	AL	F
Fb60	A/Letter Tteheh Initial Form	Lo	0	AL	I
Fb61	A/Letter Tteheh Medial Form	Lo	0	AL	M
Fb62	A/Letter Teheh Isolated Form	Lo	0	AL	IS
Fb63	A/Letter Teheh Final Form	Lo	0	AL	F
Fb64	A/Letter Teheh Initial Form	Lo	0	AL	I
Fb65	A/Letter Teheh Medial Form	Lo	0	AL	M
Fb66	A/Letter Tteh Isolated Form	Lo	0	AL	IS
Fb67	A/Letter Tteh Final Form	Lo	0	AL	F
Fb68	A/Letter Tteh Initial Form	Lo	0	AL	I
Fb69	A/Letter Tteh Medial Form	Lo	0	AL	M
Fb6a	A/Letter Veh Isolated Form	Lo	0	AL	IS
Fb6b	A/Letter Veh Final Form	Lo	0	AL	F
Fb6c	A/Letter Veh Initial Form	Lo	0	AL	I
Fb6d	A/Letter Veh Medial Form	Lo	0	AL	M
Fb6e	A/Letter Peheh Isolated Form	Lo	0	AL	IS
Fb6f	A/Letter Peheh Final Form	Lo	0	AL	F
Fb70	A/Letter Peheh Initial Form	Lo	0	AL	I
Fb71	A/Letter Peheh Medial Form	Lo	0	AL	M
Fb72	A/Letter Dyeh Isolated Form	Lo	0	AL	IS
Fb73	A/Letter Dyeh Final Form	Lo	0	AL	F
Fb74	A/Letter Dyeh Initial Form	Lo	0	AL	I
Fb75	A/Letter Dyeh Medial Form	Lo	0	AL	M
Fb76	A/Letter Nyeh Isolated Form	Lo	0	AL	IS
Fb77	A/Letter Nyeh Final Form	Lo	0	AL	F
Fb78	A/Letter Nyeh Initial Form	Lo	0	AL	I
Fb79	A/Letter Nyeh Medial Form	Lo	0	AL	M
Fb7a	A/Letter Tcheh Isolated Form	Lo	0	AL	IS
Fb7b	A/Letter Tcheh Final Form	Lo	0	AL	F
Fb7c	A/Letter Tcheh Initial Form	Lo	0	AL	I
Fb7d	A/Letter Tcheh Medial Form	Lo	0	AL	M
Fb7e	A/Letter Tcheheh Isolated Form	Lo	0	AL	IS
Fb7f	A/Letter Tcheheh Final Form	Lo	0	AL	F
Fb80	A/Letter Tcheheh Initial Form	Lo	0	AL	I
Fb81	A/Letter Tcheheh Medial Form	Lo	0	AL	M
Fb82	A/Letter Ddahal Isolated Form	Lo	0	AL	IS
Fb83	A/Letter Ddahal Final Form	Lo	0	AL	F
Fb84	A/Letter Dahal Isolated Form	Lo	0	AL	IS
Fb85	A/Letter Dahal Final Form	Lo	0	AL	F
Fb86	A/Letter Dul Isolated Form	Lo	0	AL	IS
Fb87	A/Letter Dul Final Form	Lo	0	AL	F
Fb88	A/Letter Ddal Isolated Form	Lo	0	AL	IS

Fb89	A/Letter Ddal Final Form	Lo	0	AL	F
Fb8a	A/Letter Jeh Isolated Form	Lo	0	AL	IS
Fb8b	A/Letter Jeh Final Form	Lo	0	AL	F
Fb8c	A/Letter Rreh Isolated Form	Lo	0	AL	IS
Fb8d	A/Letter Rreh Final Form	Lo	0	AL	F
Fb8e	A/Letter Keheh Isolated Form	Lo	0	AL	IS
Fb8f	A/Letter Keheh Final Form	Lo	0	AL	F
Fb90	A/Letter Keheh Initial Form	Lo	0	AL	I
Fb91	A/Letter Keheh Medial Form	Lo	0	AL	M
Fb92	A/Letter Gaf Isolated Form	Lo	0	AL	IS
Fb93	A/Letter Gaf Final Form	Lo	0	AL	F
Fb94	A/Letter Gaf Initial Form	Lo	0	AL	I
Fb95	A/Letter Gaf Medial Form	Lo	0	AL	M
Fb96	A/Letter Gueh Isolated Form	Lo	0	AL	IS
Fb97	A/Letter Gueh Final Form	Lo	0	AL	F
Fb98	A/Letter Gueh Initial Form	Lo	0	AL	I
Fb99	A/Letter Gueh Medial Form	Lo	0	AL	M
Fb9a	A/Letter Ngoeh Isolated Form	Lo	0	AL	IS
Fb9b	A/Letter Ngoeh Final Form	Lo	0	AL	F
Fb9c	A/Letter Ngoeh Initial Form	Lo	0	AL	I
Fb9d	A/Letter Ngoeh Medial Form	Lo	0	AL	M
Fb9e	A/Letter Noon Ghunna Isolated Form	Lo	0	AL	IS
Fb9f	A/Letter Noon Ghunna Final Form	Lo	0	AL	F
Fba0	A/Letter Rnoon Isolated Form	Lo	0	AL	IS
Fba1	A/Letter Rnoon Final Form	Lo	0	AL	F
Fba2	A/Letter Rnoon Initial Form	Lo	0	AL	I
Fba3	A/Letter Rnoon Medial Form	Lo	0	AL	M
Fba4	A/Letter Heh w Yeh above Isolated Form	Lo	0	AL	IS
Fba5	A/Letter Heh w Yeh above Final Form	Lo	0	AL	F
Fba6	A/Letter Heh Goal Isolated Form	Lo	0	AL	IS
Fba7	A/Letter Heh Goal Final Form	Lo	0	AL	F
Fba8	A/Letter Heh Goal Initial Form	Lo	0	AL	I
Fba9	A/Letter Heh Goal Medial Form	Lo	0	AL	M
Fbaa	A/Letter Heh Doachashmee Isolated Form	Lo	0	AL	IS
Fbab	A/Letter Heh Doachashmee Final Form	Lo	0	AL	F
Fbac	A/Letter Heh Doachashmee Initial Form	Lo	0	AL	I
Fbad	A/Letter Heh Doachashmee Medial Form	Lo	0	AL	M
Fbae	A/Letter Yeh Barree Isolated Form	Lo	0	AL	IS
Fbaf	A/Letter Yeh Barree Final Form	Lo	0	AL	F
Fbb0	A/Letter Yeh Barree w Hamza above Isolated Form	Lo	0	AL	IS
Fbb1	A/Letter Yeh Barree w Hamza above Final Form	Lo	0	AL	F
Fbd3	A/Letter Ng Isolated Form	Lo	0	AL	IS
Fbd4	A/Letter Ng Final Form	Lo	0	AL	F
Fbd5	A/Letter Ng Initial Form	Lo	0	AL	I
Fbd6	A/Letter Ng Medial Form	Lo	0	AL	M
Fbd7	A/Letter U Isolated Form	Lo	0	AL	IS
Fbd8	A/Letter U Final Form	Lo	0	AL	F
Fbd9	A/Letter Oe Isolated Form	Lo	0	AL	IS
Fbda	A/Letter Oe Final Form	Lo	0	AL	F
Fbdb	A/Letter Yu Isolated Form	Lo	0	AL	IS
Fbdc	A/Letter Yu Final Form	Lo	0	AL	F
Fbdd	A/Letter U w Hamza above Isolated Form	Lo	0	AL	IS
Fbde	A/Letter Ve Isolated Form	Lo	0	AL	IS
Fbdf	A/Letter Ve Final Form	Lo	0	AL	F
Fbe0	A/Letter Kirghiz Oe Isolated Form	Lo	0	AL	IS
Fbe1	A/Letter Kirghiz Oe Final Form	Lo	0	AL	F
Fbe2	A/Letter Kirghiz Yu Isolated Form	Lo	0	AL	IS
Fbe3	A/Letter Kirghiz Yu Final Form	Lo	0	AL	F
Fbe4	A/Letter E Isolated Form	Lo	0	AL	IS
Fbe5	A/Letter E Final Form	Lo	0	AL	F
Fbe6	A/Letter E Initial Form	Lo	0	AL	I
Fbe7	A/Letter E Medial Form	Lo	0	AL	M
Fbe8	A/Letter Uighur Kazakh Kirghiz AMInF	Lo	0	AL	I
Fbe9	A/Letter Uighur Kazakh Kirghiz AMMF	Lo	0	AL	M
Fbea	A/Lig Yeh w Hamza above w Alef Isolated Form	Lo	0	AL	IS
Fbeb	A/Lig Yeh w Hamza above w Alef Final Form	Lo	0	AL	F
Fbec	A/Lig Yeh w Hamza above w Ae Isolated Form	Lo	0	AL	IS
Fbed	A/Lig Yeh w Hamza above w Ae Final Form	Lo	0	AL	F
Fbee	A/Lig Yeh w Hamza above w Waw Isolated Form	Lo	0	AL	IS
Fbef	A/Lig Yeh w Hamza above w Waw Final Form	Lo	0	AL	F
Fbf0	A/Lig Yeh w Hamza above w U Isolated Form	Lo	0	AL	IS
Fbf1	A/Lig Yeh w Hamza above w U Final Form	Lo	0	AL	F
Fbf2	A/Lig Yeh w Hamza above w Oe Isolated Form	Lo	0	AL	IS
Fbf3	A/Lig Yeh w Hamza above w Oe Final Form	Lo	0	AL	F
Fbf4	A/Lig Yeh w Hamza above w Yu Isolated Form	Lo	0	AL	IS
Fbf5	A/Lig Yeh w Hamza above w Yu Final Form	Lo	0	AL	F
Fbf6	A/Lig Yeh w Hamza above w E Isolated Form	Lo	0	AL	IS
Fbf7	A/Lig Yeh w Hamza above w E Final Form	Lo	0	AL	F
Fbf8	A/Lig Yeh w Hamza above w E Initial Form	Lo	0	AL	I
Fbf9	A/Lig Uighur Kirghiz Yeh w Hamza above w AMIsF	Lo	0	AL	IS
Fbfa	A/Lig Uighur Kirghiz Yeh w Hamza above w AMFF	Lo	0	AL	F
Fbfb	A/Lig Uighur Kirghiz Yeh w Hamza above w AMInF	Lo	0	AL	I
Fbfc	A/Letter Farsi Yeh Isolated Form	Lo	0	AL	IS
Fbfd	A/Letter Farsi Yeh Final Form	Lo	0	AL	F
Fbfe	A/Letter Farsi Yeh Initial Form	Lo	0	AL	I
Fbff	A/Letter Farsi Yeh Medial Form	Lo	0	AL	M
Fc00	A/Lig Yeh w Hamza above w Jeem Isolated Form	Lo	0	AL	IS
Fc01	A/Lig Yeh w Hamza above w Hah Isolated Form	Lo	0	AL	IS
Fc02	A/Lig Yeh w Hamza above w Meem Isolated Form	Lo	0	AL	IS
Fc03	A/Lig Yeh w Hamza above w AMIsF	Lo	0	AL	IS
Fc04	A/Lig Yeh w Hamza above w Yeh Isolated Form	Lo	0	AL	IS
Fc05	A/Lig Beh w Jeem Isolated Form	Lo	0	AL	IS
Fc06	A/Lig Beh w Hah Isolated Form	Lo	0	AL	IS
Fc07	A/Lig Beh w Khah Isolated Form	Lo	0	AL	IS
Fc08	A/Lig Beh w Meem Isolated Form	Lo	0	AL	IS
Fc09	A/Lig Beh w AMIsF	Lo	0	AL	IS
Fc0a	A/Lig Beh w Yeh Isolated Form	Lo	0	AL	IS
Fc0b	A/Lig Teh w Jeem Isolated Form	Lo	0	AL	IS
Fc0c	A/Lig Teh w Hah Isolated Form	Lo	0	AL	IS
Fc0d	A/Lig Teh w Khah Isolated Form	Lo	0	AL	IS
Fc0e	A/Lig Teh w Meem Isolated Form	Lo	0	AL	IS
Fc0f	A/Lig Teh w AMIsF	Lo	0	AL	IS
Fc10	A/Lig Teh w Yeh Isolated Form	Lo	0	AL	IS
Fc11	A/Lig Theh w Jeem Isolated Form	Lo	0	AL	IS

Fc12	A/Lig	Theh w Meem Isolated Form	Lo	0	AL	IS
Fc13	A/Lig	Theh w AMIsF	Lo	0	AL	IS
Fc14	A/Lig	Theh w Yeh Isolated Form	Lo	0	AL	IS
Fc15	A/Lig	Jeem w Hah Isolated Form	Lo	0	AL	IS
Fc16	A/Lig	Jeem w Meem Isolated Form	Lo	0	AL	IS
Fc17	A/Lig	Hah w Jeem Isolated Form	Lo	0	AL	IS
Fc18	A/Lig	Hah w Meem Isolated Form	Lo	0	AL	IS
Fc19	A/Lig	Khah w Jeem Isolated Form	Lo	0	AL	IS
Fc1a	A/Lig	Khah w Hah Isolated Form	Lo	0	AL	IS
Fc1b	A/Lig	Khah w Meem Isolated Form	Lo	0	AL	IS
Fc1c	A/Lig	Seen w Jeem Isolated Form	Lo	0	AL	IS
Fc1d	A/Lig	Seen w Hah Isolated Form	Lo	0	AL	IS
Fc1e	A/Lig	Seen w Khah Isolated Form	Lo	0	AL	IS
Fc1f	A/Lig	Seen w Meem Isolated Form	Lo	0	AL	IS
Fc20	A/Lig	Sad w Hah Isolated Form	Lo	0	AL	IS
Fc21	A/Lig	Sad w Meem Isolated Form	Lo	0	AL	IS
Fc22	A/Lig	Dad w Jeem Isolated Form	Lo	0	AL	IS
Fc23	A/Lig	Dad w Hah Isolated Form	Lo	0	AL	IS
Fc24	A/Lig	Dad w Khah Isolated Form	Lo	0	AL	IS
Fc25	A/Lig	Dad w Meem Isolated Form	Lo	0	AL	IS
Fc26	A/Lig	Tah w Hah Isolated Form	Lo	0	AL	IS
Fc27	A/Lig	Tah w Meem Isolated Form	Lo	0	AL	IS
Fc28	A/Lig	Zah w Meem Isolated Form	Lo	0	AL	IS
Fc29	A/Lig	Ain w Jeem Isolated Form	Lo	0	AL	IS
Fc2a	A/Lig	Ain w Meem Isolated Form	Lo	0	AL	IS
Fc2b	A/Lig	Ghain w Jeem Isolated Form	Lo	0	AL	IS
Fc2c	A/Lig	Ghain w Meem Isolated Form	Lo	0	AL	IS
Fc2d	A/Lig	Feh w Jeem Isolated Form	Lo	0	AL	IS
Fc2e	A/Lig	Feh w Hah Isolated Form	Lo	0	AL	IS
Fc2f	A/Lig	Feh w Khah Isolated Form	Lo	0	AL	IS
Fc30	A/Lig	Feh w Meem Isolated Form	Lo	0	AL	IS
Fc31	A/Lig	Feh w AMIsF	Lo	0	AL	IS
Fc32	A/Lig	Feh w Yeh Isolated Form	Lo	0	AL	IS
Fc33	A/Lig	Qaf w Hah Isolated Form	Lo	0	AL	IS
Fc34	A/Lig	Qaf w Meem Isolated Form	Lo	0	AL	IS
Fc35	A/Lig	Qaf w AMIsF	Lo	0	AL	IS
Fc36	A/Lig	Qaf w Yeh Isolated Form	Lo	0	AL	IS
Fc37	A/Lig	Kaf w Alef Isolated Form	Lo	0	AL	IS
Fc38	A/Lig	Kaf w Jeem Isolated Form	Lo	0	AL	IS
Fc39	A/Lig	Kaf w Hah Isolated Form	Lo	0	AL	IS
Fc3a	A/Lig	Kaf w Khah Isolated Form	Lo	0	AL	IS
Fc3b	A/Lig	Kaf w Lam Isolated Form	Lo	0	AL	IS
Fc3c	A/Lig	Kaf w Meem Isolated Form	Lo	0	AL	IS
Fc3d	A/Lig	Kaf w AMIsF	Lo	0	AL	IS
Fc3e	A/Lig	Kaf w Yeh Isolated Form	Lo	0	AL	IS
Fc3f	A/Lig	Lam w Jeem Isolated Form	Lo	0	AL	IS
Fc40	A/Lig	Lam w Hah Isolated Form	Lo	0	AL	IS
Fc41	A/Lig	Lam w Khah Isolated Form	Lo	0	AL	IS
Fc42	A/Lig	Lam w Meem Isolated Form	Lo	0	AL	IS
Fc43	A/Lig	Lam w AMIsF	Lo	0	AL	IS
Fc44	A/Lig	Lam w Yeh Isolated Form	Lo	0	AL	IS
Fc45	A/Lig	Meem w Jeem Isolated Form	Lo	0	AL	IS
Fc46	A/Lig	Meem w Hah Isolated Form	Lo	0	AL	IS
Fc47	A/Lig	Meem w Khah Isolated Form	Lo	0	AL	IS
Fc48	A/Lig	Meem w Meem Isolated Form	Lo	0	AL	IS
Fc49	A/Lig	Meem w AMIsF	Lo	0	AL	IS
Fc4a	A/Lig	Meem w Yeh Isolated Form	Lo	0	AL	IS
Fc4b	A/Lig	Noon w Jeem Isolated Form	Lo	0	AL	IS
Fc4c	A/Lig	Noon w Hah Isolated Form	Lo	0	AL	IS
Fc4d	A/Lig	Noon w Khah Isolated Form	Lo	0	AL	IS
Fc4e	A/Lig	Noon w Meem Isolated Form	Lo	0	AL	IS
Fc4f	A/Lig	Noon w AMIsF	Lo	0	AL	IS
Fc50	A/Lig	Noon w Yeh Isolated Form	Lo	0	AL	IS
Fc51	A/Lig	Heh w Jeem Isolated Form	Lo	0	AL	IS
Fc52	A/Lig	Heh w Meem Isolated Form	Lo	0	AL	IS
Fc53	A/Lig	Heh w AMIsF	Lo	0	AL	IS
Fc54	A/Lig	Heh w Yeh Isolated Form	Lo	0	AL	IS
Fc55	A/Lig	Yeh w Jeem Isolated Form	Lo	0	AL	IS
Fc56	A/Lig	Yeh w Hah Isolated Form	Lo	0	AL	IS
Fc57	A/Lig	Yeh w Khah Isolated Form	Lo	0	AL	IS
Fc58	A/Lig	Yeh w Meem Isolated Form	Lo	0	AL	IS
Fc59	A/Lig	Yeh w AMIsF	Lo	0	AL	IS
Fc5a	A/Lig	Yeh w Yeh Isolated Form	Lo	0	AL	IS
Fc5b	A/Lig	Thal w Superscript Alef Isolated Form	Lo	0	AL	IS
Fc5c	A/Lig	Reh w Superscript Alef Isolated Form	Lo	0	AL	IS
Fc5d	A/Lig	Alef Maksura w Superscript Alef Isolated Form	Lo	0	AL	IS
Fc5e	A/Lig	Shadda w Damma Isolated Form	Lo	0	AL	IS
Fc5f	A/Lig	Shadda w Kasratan Isolated Form	Lo	0	AL	IS
Fc60	A/Lig	Shadda w Fatha Isolated Form	Lo	0	AL	IS
Fc61	A/Lig	Shadda w Damma Isolated Form	Lo	0	AL	IS
Fc62	A/Lig	Shadda w Kasra Isolated Form	Lo	0	AL	IS
Fc63	A/Lig	Shadda w Superscript Alef Isolated Form	Lo	0	AL	IS
Fc64	A/Lig	Yeh w Hamza above w Reh Final Form	Lo	0	AL	F
Fc65	A/Lig	Yeh w Hamza above w Zain Final Form	Lo	0	AL	F
Fc66	A/Lig	Yeh w Hamza above w Meem Final Form	Lo	0	AL	F
Fc67	A/Lig	Yeh w Hamza above w Noon Final Form	Lo	0	AL	F
Fc68	A/Lig	Yeh w Hamza above w AMFF	Lo	0	AL	F
Fc69	A/Lig	Yeh w Hamza above w Yeh Final Form	Lo	0	AL	F
Fc6a	A/Lig	Beh w Reh Final Form	Lo	0	AL	F
Fc6b	A/Lig	Beh w Zain Final Form	Lo	0	AL	F
Fc6c	A/Lig	Beh w Meem Final Form	Lo	0	AL	F
Fc6d	A/Lig	Beh w Noon Final Form	Lo	0	AL	F
Fc6e	A/Lig	Beh w AMFF	Lo	0	AL	F
Fc6f	A/Lig	Beh w Yeh Final Form	Lo	0	AL	F
Fc70	A/Lig	Teh w Reh Final Form	Lo	0	AL	F
Fc71	A/Lig	Teh w Zain Final Form	Lo	0	AL	F
Fc72	A/Lig	Teh w Meem Final Form	Lo	0	AL	F
Fc73	A/Lig	Teh w Noon Final Form	Lo	0	AL	F
Fc74	A/Lig	Teh w AMFF	Lo	0	AL	F
Fc75	A/Lig	Teh w Yeh Final Form	Lo	0	AL	F
Fc76	A/Lig	Theh w Reh Final Form	Lo	0	AL	F
Fc77	A/Lig	Theh w Zain Final Form	Lo	0	AL	F
Fc78	A/Lig	Theh w Meem Final Form	Lo	0	AL	F
Fc79	A/Lig	Theh w Noon Final Form	Lo	0	AL	F

Fc7a	A/Lig	Theh w AMFF	Lo	0	AL	F
Fc7b	A/Lig	Theh w Yeh Final Form	Lo	0	AL	F
Fc7c	A/Lig	Feh w AMFF	Lo	0	AL	F
Fc7d	A/Lig	Feh w Yeh Final Form	Lo	0	AL	F
Fc7e	A/Lig	Qaf w AMFF	Lo	0	AL	F
Fc7f	A/Lig	Qaf w Yeh Final Form	Lo	0	AL	F
Fc80	A/Lig	Kaf w Alef Final Form	Lo	0	AL	F
Fc81	A/Lig	Kaf w Lam Final Form	Lo	0	AL	F
Fc82	A/Lig	Kaf w Meem Final Form	Lo	0	AL	F
Fc83	A/Lig	Kaf w AMFF	Lo	0	AL	F
Fc84	A/Lig	Kaf w Yeh Final Form	Lo	0	AL	F
Fc85	A/Lig	Lam w Meem Final Form	Lo	0	AL	F
Fc86	A/Lig	Lam w AMFF	Lo	0	AL	F
Fc87	A/Lig	Lam w Yeh Final Form	Lo	0	AL	F
Fc88	A/Lig	Meem w Alef Final Form	Lo	0	AL	F
Fc89	A/Lig	Meem w Meem Final Form	Lo	0	AL	F
Fc8a	A/Lig	Noon w Reh Final Form	Lo	0	AL	F
Fc8b	A/Lig	Noon w Zain Final Form	Lo	0	AL	F
Fc8c	A/Lig	Noon w Meem Final Form	Lo	0	AL	F
Fc8d	A/Lig	Noon w Noon Final Form	Lo	0	AL	F
Fc8e	A/Lig	Noon w AMFF	Lo	0	AL	F
Fc8f	A/Lig	Noon w Yeh Final Form	Lo	0	AL	F
Fc90	A/Lig	Alef Maksura w Superscript Alef Final Form	Lo	0	AL	F
Fc91	A/Lig	Yeh w Reh Final Form	Lo	0	AL	F
Fc92	A/Lig	Yeh w Zain Final Form	Lo	0	AL	F
Fc93	A/Lig	Yeh w Meem Final Form	Lo	0	AL	F
Fc94	A/Lig	Yeh w Noon Final Form	Lo	0	AL	F
Fc95	A/Lig	Yeh w AMFF	Lo	0	AL	F
Fc96	A/Lig	Yeh w Yeh Final Form	Lo	0	AL	F
Fc97	A/Lig	Yeh w Hamza above w Jeem Initial Form	Lo	0	AL	I
Fc98	A/Lig	Yeh w Hamza above w Hah Initial Form	Lo	0	AL	I
Fc99	A/Lig	Yeh w Hamza above w Khah Initial Form	Lo	0	AL	I
Fc9a	A/Lig	Yeh w Hamza above w Meem Initial Form	Lo	0	AL	I
Fc9b	A/Lig	Yeh w Hamza above w Heh Initial Form	Lo	0	AL	I
Fc9c	A/Lig	Beh w Jeem Initial Form	Lo	0	AL	I
Fc9d	A/Lig	Beh w Hah Initial Form	Lo	0	AL	I
Fc9e	A/Lig	Beh w Khah Initial Form	Lo	0	AL	I
Fc9f	A/Lig	Beh w Meem Initial Form	Lo	0	AL	I
Fca0	A/Lig	Beh w Heh Initial Form	Lo	0	AL	I
Fca1	A/Lig	Teh w Jeem Initial Form	Lo	0	AL	I
Fca2	A/Lig	Teh w Hah Initial Form	Lo	0	AL	I
Fca3	A/Lig	Teh w Khah Initial Form	Lo	0	AL	I
Fca4	A/Lig	Teh w Meem Initial Form	Lo	0	AL	I
Fca5	A/Lig	Teh w Heh Initial Form	Lo	0	AL	I
Fca6	A/Lig	Theh w Meem Initial Form	Lo	0	AL	I
Fca7	A/Lig	Jeem w Hah Initial Form	Lo	0	AL	I
Fca8	A/Lig	Jeem w Meem Initial Form	Lo	0	AL	I
Fca9	A/Lig	Hah w Jeem Initial Form	Lo	0	AL	I
Fcaa	A/Lig	Hah w Meem Initial Form	Lo	0	AL	I
Fcab	A/Lig	Khah w Jeem Initial Form	Lo	0	AL	I
Fcac	A/Lig	Khah w Meem Initial Form	Lo	0	AL	I
Fcad	A/Lig	Seen w Jeem Initial Form	Lo	0	AL	I
Fcae	A/Lig	Seen w Hah Initial Form	Lo	0	AL	I
Fcaf	A/Lig	Seen w Khah Initial Form	Lo	0	AL	I
Fcb0	A/Lig	Seen w Meem Initial Form	Lo	0	AL	I
Fcb1	A/Lig	Sad w Hah Initial Form	Lo	0	AL	I
Fcb2	A/Lig	Sad w Khah Initial Form	Lo	0	AL	I
Fcb3	A/Lig	Sad w Meem Initial Form	Lo	0	AL	I
Fcb4	A/Lig	Dad w Jeem Initial Form	Lo	0	AL	I
Fcb5	A/Lig	Dad w Hah Initial Form	Lo	0	AL	I
Fcb6	A/Lig	Dad w Khah Initial Form	Lo	0	AL	I
Fcb7	A/Lig	Dad w Meem Initial Form	Lo	0	AL	I
Fcb8	A/Lig	Tah w Hah Initial Form	Lo	0	AL	I
Fcb9	A/Lig	Zah w Meem Initial Form	Lo	0	AL	I
Fcba	A/Lig	Ain w Jeem Initial Form	Lo	0	AL	I
Fcbb	A/Lig	Ain w Meem Initial Form	Lo	0	AL	I
Fcbc	A/Lig	Ghain w Jeem Initial Form	Lo	0	AL	I
Fcbd	A/Lig	Ghain w Meem Initial Form	Lo	0	AL	I
Fcbe	A/Lig	Feh w Jeem Initial Form	Lo	0	AL	I
Fcbf	A/Lig	Feh w Hah Initial Form	Lo	0	AL	I
Fcc0	A/Lig	Feh w Khah Initial Form	Lo	0	AL	I
Fcc1	A/Lig	Feh w Meem Initial Form	Lo	0	AL	I
Fcc2	A/Lig	Qaf w Hah Initial Form	Lo	0	AL	I
Fcc3	A/Lig	Qaf w Meem Initial Form	Lo	0	AL	I
Fcc4	A/Lig	Kaf w Jeem Initial Form	Lo	0	AL	I
Fcc5	A/Lig	Kaf w Hah Initial Form	Lo	0	AL	I
Fcc6	A/Lig	Kaf w Khah Initial Form	Lo	0	AL	I
Fcc7	A/Lig	Kaf w Lam Initial Form	Lo	0	AL	I
Fcc8	A/Lig	Kaf w Meem Initial Form	Lo	0	AL	I
Fcc9	A/Lig	Lam w Jeem Initial Form	Lo	0	AL	I
Fcca	A/Lig	Lam w Hah Initial Form	Lo	0	AL	I
Fccb	A/Lig	Lam w Khah Initial Form	Lo	0	AL	I
Fccc	A/Lig	Lam w Meem Initial Form	Lo	0	AL	I
Fccd	A/Lig	Lam w Heh Initial Form	Lo	0	AL	I
Fcce	A/Lig	Meem w Jeem Initial Form	Lo	0	AL	I
Fccf	A/Lig	Meem w Hah Initial Form	Lo	0	AL	I
Fcd0	A/Lig	Meem w Khah Initial Form	Lo	0	AL	I
Fcd1	A/Lig	Meem w Meem Initial Form	Lo	0	AL	I
Fcd2	A/Lig	Noon w Jeem Initial Form	Lo	0	AL	I
Fcd3	A/Lig	Noon w Hah Initial Form	Lo	0	AL	I
Fcd4	A/Lig	Noon w Khah Initial Form	Lo	0	AL	I
Fcd5	A/Lig	Noon w Meem Initial Form	Lo	0	AL	I
Fcd6	A/Lig	Noon w Heh Initial Form	Lo	0	AL	I
Fcd7	A/Lig	Heh w Jeem Initial Form	Lo	0	AL	I
Fcd8	A/Lig	Heh w Meem Initial Form	Lo	0	AL	I
Fcd9	A/Lig	Heh w Superscript Alef Initial Form	Lo	0	AL	I
Fcda	A/Lig	Yeh w Jeem Initial Form	Lo	0	AL	I
Fcdb	A/Lig	Yeh w Hah Initial Form	Lo	0	AL	I
Fcdc	A/Lig	Yeh w Khah Initial Form	Lo	0	AL	I
Fcdd	A/Lig	Yeh w Meem Initial Form	Lo	0	AL	I
Fcde	A/Lig	Yeh w Heh Initial Form	Lo	0	AL	I
Fcdf	A/Lig	Yeh w Hamza above w Meem Medial Form	Lo	0	AL	M
Fce0	A/Lig	Yeh w Hamza above w Heh Medial Form	Lo	0	AL	M
Fce1	A/Lig	Beh w Meem Medial Form	Lo	0	AL	M

Fce2	A/Lig Beh w Heh Medial Form	Lo	0	AL	M
Fce3	A/Lig Teh w Meem Medial Form	Lo	0	AL	M
Fce4	A/Lig Teh w Heh Medial Form	Lo	0	AL	M
Fce5	A/Lig Theh w Meem Medial Form	Lo	0	AL	M
Fce6	A/Lig Theh w Heh Medial Form	Lo	0	AL	M
Fce7	A/Lig Seen w Meem Medial Form	Lo	0	AL	M
Fce8	A/Lig Seen w Heh Medial Form	Lo	0	AL	M
Fce9	A/Lig Sheen w Meem Medial Form	Lo	0	AL	M
Fcea	A/Lig Sheen w Heh Medial Form	Lo	0	AL	M
Fceb	A/Lig Kaf w Lam Medial Form	Lo	0	AL	M
Fcec	A/Lig Kaf w Meem Medial Form	Lo	0	AL	M
Fced	A/Lig Lam w Meem Medial Form	Lo	0	AL	M
Fcee	A/Lig Noon w Meem Medial Form	Lo	0	AL	M
Fcef	A/Lig Noon w Heh Medial Form	Lo	0	AL	M
Fcf0	A/Lig Yeh w Meem Medial Form	Lo	0	AL	M
Fcf1	A/Lig Yeh w Heh Medial Form	Lo	0	AL	M
Fcf2	A/Lig Shadda w Fatha Medial Form	Lo	0	AL	M
Fcf3	A/Lig Shadda w Damma Medial Form	Lo	0	AL	M
Fcf4	A/Lig Shadda w Kasra Medial Form	Lo	0	AL	M
Fcf5	A/Lig Tah w AMIsF	Lo	0	AL	IS
Fcf6	A/Lig Tah w Yeh Isolated Form	Lo	0	AL	IS
Fcf7	A/Lig Ain w AMIsF	Lo	0	AL	IS
Fcf8	A/Lig Ain w Yeh Isolated Form	Lo	0	AL	IS
Fcf9	A/Lig Ghain w AMIsF	Lo	0	AL	IS
Fcfa	A/Lig Ghain w Yeh Isolated Form	Lo	0	AL	IS
Fcfb	A/Lig Seen w AMIsF	Lo	0	AL	IS
Fcfc	A/Lig Seen w Yeh Isolated Form	Lo	0	AL	IS
Fcfd	A/Lig Sheen w AMIsF	Lo	0	AL	IS
Fcfe	A/Lig Sheen w Yeh Isolated Form	Lo	0	AL	IS
Fcff	A/Lig Hah w AMIsF	Lo	0	AL	IS
Fd00	A/Lig Hah w Yeh Isolated Form	Lo	0	AL	IS
Fd01	A/Lig Jeem w AMIsF	Lo	0	AL	IS
Fd02	A/Lig Jeem w Yeh Isolated Form	Lo	0	AL	IS
Fd03	A/Lig Khah w AMIsF	Lo	0	AL	IS
Fd04	A/Lig Khah w Yeh Isolated Form	Lo	0	AL	IS
Fd05	A/Lig Sad w AMIsF	Lo	0	AL	IS
Fd06	A/Lig Sad w Yeh Isolated Form	Lo	0	AL	IS
Fd07	A/Lig Dad w AMIsF	Lo	0	AL	IS
Fd08	A/Lig Dad w Yeh Isolated Form	Lo	0	AL	IS
Fd09	A/Lig Sheen w Jeem Isolated Form	Lo	0	AL	IS
Fd0a	A/Lig Sheen w Hah Isolated Form	Lo	0	AL	IS
Fd0b	A/Lig Sheen w Khah Isolated Form	Lo	0	AL	IS
Fd0c	A/Lig Sheen w Meem Isolated Form	Lo	0	AL	IS
Fd0d	A/Lig Sheen w Reh Isolated Form	Lo	0	AL	IS
Fd0e	A/Lig Seen w Reh Isolated Form	Lo	0	AL	IS
Fd0f	A/Lig Sad w Reh Isolated Form	Lo	0	AL	IS
Fd10	A/Lig Dad w Reh Isolated Form	Lo	0	AL	IS
Fd11	A/Lig Tah w AMFF	Lo	0	AL	F
Fd12	A/Lig Tah w Yeh Final Form	Lo	0	AL	F
Fd13	A/Lig Ain w AMFF	Lo	0	AL	F
Fd14	A/Lig Ain w Yeh Final Form	Lo	0	AL	F
Fd15	A/Lig Ghain w AMFF	Lo	0	AL	F
Fd16	A/Lig Ghain w Yeh Final Form	Lo	0	AL	F
Fd17	A/Lig Seen w AMFF	Lo	0	AL	F
Fd18	A/Lig Seen w Yeh Final Form	Lo	0	AL	F
Fd19	A/Lig Sheen w AMFF	Lo	0	AL	F
Fd1a	A/Lig Sheen w Yeh Final Form	Lo	0	AL	F
Fd1b	A/Lig Hah w AMFF	Lo	0	AL	F
Fd1c	A/Lig Hah w Yeh Final Form	Lo	0	AL	F
Fd1d	A/Lig Jeem w AMFF	Lo	0	AL	F
Fd1e	A/Lig Jeem w Yeh Final Form	Lo	0	AL	F
Fd1f	A/Lig Khah w AMFF	Lo	0	AL	F
Fd20	A/Lig Khah w Yeh Final Form	Lo	0	AL	F
Fd21	A/Lig Sad w AMFF	Lo	0	AL	F
Fd22	A/Lig Sad w Yeh Final Form	Lo	0	AL	F
Fd23	A/Lig Dad w AMFF	Lo	0	AL	F
Fd24	A/Lig Dad w Yeh Final Form	Lo	0	AL	F
Fd25	A/Lig Sheen w Jeem Final Form	Lo	0	AL	F
Fd26	A/Lig Sheen w Hah Final Form	Lo	0	AL	F
Fd27	A/Lig Sheen w Khah Final Form	Lo	0	AL	F
Fd28	A/Lig Sheen w Meem Final Form	Lo	0	AL	F
Fd29	A/Lig Sheen w Reh Final Form	Lo	0	AL	F
Fd2a	A/Lig Seen w Reh Final Form	Lo	0	AL	F
Fd2b	A/Lig Sad w Reh Final Form	Lo	0	AL	F
Fd2c	A/Lig Dad w Reh Final Form	Lo	0	AL	F
Fd2d	A/Lig Sheen w Jeem Initial Form	Lo	0	AL	I
Fd2e	A/Lig Sheen w Hah Initial Form	Lo	0	AL	I
Fd2f	A/Lig Sheen w Khah Initial Form	Lo	0	AL	I
Fd30	A/Lig Sheen w Meem Initial Form	Lo	0	AL	I
Fd31	A/Lig Seen w Heh Initial Form	Lo	0	AL	I
Fd32	A/Lig Sheen w Heh Initial Form	Lo	0	AL	I
Fd33	A/Lig Tah w Meem Initial Form	Lo	0	AL	I
Fd34	A/Lig Seen w Jeem Medial Form	Lo	0	AL	M
Fd35	A/Lig Seen w Hah Medial Form	Lo	0	AL	M
Fd36	A/Lig Seen w Khah Medial Form	Lo	0	AL	M
Fd37	A/Lig Sheen w Jeem Medial Form	Lo	0	AL	M
Fd38	A/Lig Sheen w Hah Medial Form	Lo	0	AL	M
Fd39	A/Lig Sheen w Khah Medial Form	Lo	0	AL	M
Fd3a	A/Lig Tah w Meem Medial Form	Lo	0	AL	M
Fd3b	A/Lig Zah w Meem Medial Form	Lo	0	AL	M
Fd3c	A/Lig Alef w Fathatan Final Form	Lo	0	AL	F
Fd3d	A/Lig Alef w Fathatan Isolated Form	Lo	0	AL	IS
Fd3e	Ornate L Parenthesis	Ps	0	ON	
Fd3f	Ornate R Parenthesis	Pe	0	ON	
Fd50	A/Lig Teh w Jeem w Meem Initial Form	Lo	0	AL	I
Fd51	A/Lig Teh w Hah w Jeem Final Form	Lo	0	AL	F
Fd52	A/Lig Teh w Hah w Jeem Initial Form	Lo	0	AL	I
Fd53	A/Lig Teh w Hah w Meem Initial Form	Lo	0	AL	I
Fd54	A/Lig Teh w Khah w Meem Initial Form	Lo	0	AL	I
Fd55	A/Lig Teh w Meem w Jeem Initial Form	Lo	0	AL	I
Fd56	A/Lig Teh w Meem w Hah Initial Form	Lo	0	AL	I
Fd57	A/Lig Teh w Meem w Khah Initial Form	Lo	0	AL	I
Fd58	A/Lig Jeem w Meem w Hah Final Form	Lo	0	AL	F
Fd59	A/Lig Jeem w Meem w Hah Initial Form	Lo	0	AL	I

Fd5a	A/Lig	Hah w Meem w Yeh	Final Form	Lo	0	AL	F
Fd5b	A/Lig	Hah w Meem w	AMFF	Lo	0	AL	F
Fd5c	A/Lig	Seen w Hah w Jeem	Initial Form	Lo	0	AL	I
Fd5d	A/Lig	Seen w Jeem w Hah	Initial Form	Lo	0	AL	I
Fd5e	A/Lig	Seen w Jeem w	AMFF	Lo	0	AL	F
Fd5f	A/Lig	Seen w Meem w Hah	Final Form	Lo	0	AL	F
Fd60	A/Lig	Seen w Meem w Hah	Initial Form	Lo	0	AL	I
Fd61	A/Lig	Seen w Meem w Jeem	Initial Form	Lo	0	AL	I
Fd62	A/Lig	Seen w Meem w Meem	Final Form	Lo	0	AL	F
Fd63	A/Lig	Seen w Meem w Meem	Initial Form	Lo	0	AL	I
Fd64	A/Lig	Sad w Hah w Hah	Final Form	Lo	0	AL	F
Fd65	A/Lig	Sad w Hah w Hah	Initial Form	Lo	0	AL	I
Fd66	A/Lig	Sad w Meem w Meem	Final Form	Lo	0	AL	F
Fd67	A/Lig	Sheen w Hah w Meem	Final Form	Lo	0	AL	F
Fd68	A/Lig	Sheen w Hah w Meem	Initial Form	Lo	0	AL	I
Fd69	A/Lig	Sheen w Jeem w Yeh	Final Form	Lo	0	AL	F
Fd6a	A/Lig	Sheen w Meem w Khah	Final Form	Lo	0	AL	F
Fd6b	A/Lig	Sheen w Meem w Khah	Initial Form	Lo	0	AL	I
Fd6c	A/Lig	Sheen w Meem w Meem	Final Form	Lo	0	AL	F
Fd6d	A/Lig	Sheen w Meem w Meem	Initial Form	Lo	0	AL	I
Fd6e	A/Lig	Dad w Hah w	AMFF	Lo	0	AL	F
Fd6f	A/Lig	Dad w Khah w Meem	Final Form	Lo	0	AL	F
Fd70	A/Lig	Dad w Khah w Meem	Initial Form	Lo	0	AL	I
Fd71	A/Lig	Tah w Meem w Hah	Final Form	Lo	0	AL	F
Fd72	A/Lig	Tah w Meem w Hah	Initial Form	Lo	0	AL	I
Fd73	A/Lig	Tah w Meem w Meem	Initial Form	Lo	0	AL	I
Fd74	A/Lig	Tah w Meem w Yeh	Final Form	Lo	0	AL	F
Fd75	A/Lig	Ain w Jeem w Meem	Final Form	Lo	0	AL	F
Fd76	A/Lig	Ain w Meem w Meem	Final Form	Lo	0	AL	F
Fd77	A/Lig	Ain w Meem w Meem	Initial Form	Lo	0	AL	I
Fd78	A/Lig	Ain w Meem w	AMFF	Lo	0	AL	F
Fd79	A/Lig	Ghain w Meem w Meem	Final Form	Lo	0	AL	F
Fd7a	A/Lig	Ghain w Meem w Yeh	Final Form	Lo	0	AL	F
Fd7b	A/Lig	Ghain w Meem w	AMFF	Lo	0	AL	F
Fd7c	A/Lig	Feh w Khah w Meem	Final Form	Lo	0	AL	F
Fd7d	A/Lig	Feh w Khah w Meem	Initial Form	Lo	0	AL	I
Fd7e	A/Lig	Qaf w Meem w Hah	Final Form	Lo	0	AL	F
Fd7f	A/Lig	Qaf w Meem w Meem	Final Form	Lo	0	AL	F
Fd80	A/Lig	Lam w Hah w Meem	Final Form	Lo	0	AL	F
Fd81	A/Lig	Lam w Hah w Yeh	Final Form	Lo	0	AL	F
Fd82	A/Lig	Lam w Hah w	AMFF	Lo	0	AL	F
Fd83	A/Lig	Lam w Jeem w Jeem	Initial Form	Lo	0	AL	I
Fd84	A/Lig	Lam w Jeem w Jeem	Final Form	Lo	0	AL	F
Fd85	A/Lig	Lam w Khah w Meem	Final Form	Lo	0	AL	F
Fd86	A/Lig	Lam w Khah w Meem	Initial Form	Lo	0	AL	I
Fd87	A/Lig	Lam w Meem w Hah	Final Form	Lo	0	AL	F
Fd88	A/Lig	Lam w Meem w Hah	Initial Form	Lo	0	AL	I
Fd89	A/Lig	Meem w Hah w Jeem	Initial Form	Lo	0	AL	I
Fd8a	A/Lig	Meem w Hah w Meem	Initial Form	Lo	0	AL	I
Fd8b	A/Lig	Meem w Hah w Yeh	Final Form	Lo	0	AL	F
Fd8c	A/Lig	Meem w Jeem w Hah	Initial Form	Lo	0	AL	I
Fd8d	A/Lig	Meem w Jeem w Meem	Initial Form	Lo	0	AL	I
Fd8e	A/Lig	Meem w Khah w Jeem	Initial Form	Lo	0	AL	I
Fd8f	A/Lig	Meem w Khah w Meem	Initial Form	Lo	0	AL	I
Fd92	A/Lig	Meem w Jeem w Khah	Initial Form	Lo	0	AL	I
Fd93	A/Lig	Heh w Meem w Jeem	Initial Form	Lo	0	AL	I
Fd94	A/Lig	Heh w Meem w Meem	Initial Form	Lo	0	AL	I
Fd95	A/Lig	Noon w Hah w Meem	Initial Form	Lo	0	AL	I
Fd96	A/Lig	Noon w Hah w	AMFF	Lo	0	AL	F
Fd97	A/Lig	Noon w Jeem w Meem	Final Form	Lo	0	AL	F
Fd98	A/Lig	Noon w Jeem w Meem	Initial Form	Lo	0	AL	I
Fd99	A/Lig	Noon w Jeem w	AMFF	Lo	0	AL	F
Fd9a	A/Lig	Noon w Meem w Yeh	Final Form	Lo	0	AL	F
Fd9b	A/Lig	Noon w Meem w	AMFF	Lo	0	AL	F
Fd9c	A/Lig	Yeh w Meem w Meem	Final Form	Lo	0	AL	F
Fd9d	A/Lig	Yeh w Meem w Meem	Initial Form	Lo	0	AL	I
Fd9e	A/Lig	Beh w Khah w Yeh	Final Form	Lo	0	AL	F
Fd9f	A/Lig	Teh w Jeem w Yeh	Final Form	Lo	0	AL	F
Fda0	A/Lig	Teh w Jeem w	AMFF	Lo	0	AL	F
Fda1	A/Lig	Teh w Khah w Yeh	Final Form	Lo	0	AL	F
Fda2	A/Lig	Teh w Khah w	AMFF	Lo	0	AL	F
Fda3	A/Lig	Teh w Meem w Yeh	Final Form	Lo	0	AL	F
Fda4	A/Lig	Teh w Meem w	AMFF	Lo	0	AL	F
Fda5	A/Lig	Jeem w Meem w Yeh	Final Form	Lo	0	AL	F
Fda6	A/Lig	Jeem w Hah w	AMFF	Lo	0	AL	F
Fda7	A/Lig	Jeem w Meem w	AMFF	Lo	0	AL	F
Fda8	A/Lig	Seen w Khah w	AMFF	Lo	0	AL	F
Fda9	A/Lig	Sad w Hah w Yeh	Final Form	Lo	0	AL	F
Fdaa	A/Lig	Sheen w Hah w Yeh	Final Form	Lo	0	AL	F
Fdab	A/Lig	Dad w Hah w Yeh	Final Form	Lo	0	AL	F
Fdac	A/Lig	Lam w Jeem w Yeh	Final Form	Lo	0	AL	F
Fdad	A/Lig	Lam w Meem w Yeh	Final Form	Lo	0	AL	F
Fdae	A/Lig	Yeh w Hah w Yeh	Final Form	Lo	0	AL	F
Fdaf	A/Lig	Yeh w Jeem w Yeh	Final Form	Lo	0	AL	F
Fdb0	A/Lig	Yeh w Meem w Yeh	Final Form	Lo	0	AL	F
Fdb1	A/Lig	Meem w Meem w Yeh	Final Form	Lo	0	AL	F
Fdb2	A/Lig	Qaf w Meem w Yeh	Final Form	Lo	0	AL	F
Fdb3	A/Lig	Noon w Hah w Yeh	Final Form	Lo	0	AL	F
Fdb4	A/Lig	Qaf w Meem w Hah	Initial Form	Lo	0	AL	I
Fdb5	A/Lig	Lam w Hah w Meem	Initial Form	Lo	0	AL	I
Fdb6	A/Lig	Ain w Meem w Yeh	Final Form	Lo	0	AL	F
Fdb7	A/Lig	Kaf w Meem w Yeh	Final Form	Lo	0	AL	F
Fdb8	A/Lig	Noon w Jeem w Hah	Initial Form	Lo	0	AL	I
Fdb9	A/Lig	Meem w Khah w Yeh	Final Form	Lo	0	AL	F
Fdba	A/Lig	Lam w Jeem w Meem	Initial Form	Lo	0	AL	I
Fdbb	A/Lig	Kaf w Meem w Meem	Final Form	Lo	0	AL	F
Fdbc	A/Lig	Lam w Jeem w Meem	Final Form	Lo	0	AL	F
Fdbd	A/Lig	Noon w Jeem w Hah	Final Form	Lo	0	AL	F
Fdbe	A/Lig	Jeem w Hah w Yeh	Final Form	Lo	0	AL	F
Fdbf	A/Lig	Hah w Jeem w Yeh	Final Form	Lo	0	AL	F
Fdc0	A/Lig	Meem w Jeem w Yeh	Final Form	Lo	0	AL	F
Fdc1	A/Lig	Feh w Meem w Yeh	Final Form	Lo	0	AL	F
Fdc2	A/Lig	Beh w Hah w Yeh	Final Form	Lo	0	AL	F
Fdc3	A/Lig	Kaf w Meem w Meem	Initial Form	Lo	0	AL	I

Fdc4	A/Lig Ain w Jeem w Meem Initial Form	Lo	0	AL	I
Fdc5	A/Lig Sad w Meem w Meem Initial Form	Lo	0	AL	I
Fdc6	A/Lig Seen w Khah w Yeh Final Form	Lo	0	AL	F
Fdc7	A/Lig Noon w Jeem w Yeh Final Form	Lo	0	AL	F
Fdf0	A/Lig Salla Used As Koranic SSIF	Lo	0	AL	IS
Fdf1	A/Lig Qala Used As Koranic SSIF	Lo	0	AL	IS
Fdf2	A/Lig Allah Isolated Form	Lo	0	AL	IS
Fdf3	A/Lig Akbar Isolated Form	Lo	0	AL	IS
Fdf4	A/Lig Mohammad Isolated Form	Lo	0	AL	IS
Fdf5	A/Lig Salam Isolated Form	Lo	0	AL	IS
Fdf6	A/Lig Rasoul Isolated Form	Lo	0	AL	IS
Fdf7	A/Lig Alayhe Isolated Form	Lo	0	AL	IS
Fdf8	A/Lig Wasallam Isolated Form	Lo	0	AL	IS
Fdf9	A/Lig Salla Isolated Form	Lo	0	AL	IS
Fdfa	A/Lig Sallallahou Alayhe Wasallam	Lo	0	AL	IS
Fdfb	A/Lig Jallajalalouhou	Lo	0	AL	IS
Fdfc	Rial Sign	Sc	0	AL	IS

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Variation Selectors (FE00 to FE0F)
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Hex	Character	Gen	Cmb	Bid	Map
Fe00	Variation Selector-1	Mn	0	NSM	
Fe01	Variation Selector-2	Mn	0	NSM	
Fe02	Variation Selector-3	Mn	0	NSM	
Fe03	Variation Selector-4	Mn	0	NSM	
Fe04	Variation Selector-5	Mn	0	NSM	
Fe05	Variation Selector-6	Mn	0	NSM	
Fe06	Variation Selector-7	Mn	0	NSM	
Fe07	Variation Selector-8	Mn	0	NSM	
Fe08	Variation Selector-9	Mn	0	NSM	
Fe09	Variation Selector-10	Mn	0	NSM	
Fe0a	Variation Selector-11	Mn	0	NSM	
Fe0b	Variation Selector-12	Mn	0	NSM	
Fe0c	Variation Selector-13	Mn	0	NSM	
Fe0d	Variation Selector-14	Mn	0	NSM	
Fe0e	Variation Selector-15	Mn	0	NSM	
Fe0f	Variation Selector-16	Mn	0	NSM	

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Combining Half Marks (FE20 to FE2F)
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Hex	Character	Gen	Cmb	Bid	Map
Fe20	Combining Lig L Half	Mn	230	NSM	
Fe21	Combining Lig R Half	Mn	230	NSM	
Fe22	Combining Double Tilde L Half	Mn	230	NSM	
Fe23	Combining Double Tilde R Half	Mn	230	NSM	

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CJK Compatibility Forms (FE30 to FE4F)
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PF/ = Presentation Form

Hex	Character	Gen	Cmb	Bid	Map
Fe30	PF/Vert Two Dot Leader	Po	0	ON	V
Fe31	PF/Vert Em Dash	Pd	0	ON	V
Fe32	PF/Vert En Dash	Pd	0	ON	V
Fe33	PF/Vert Low Line	Pc	0	ON	V
Fe34	PF/Vert Wavy Low Line	Pc	0	ON	V
Fe35	PF/Vert L Parenthesis	Ps	0	ON	V
Fe36	PF/Vert R Parenthesis	Pe	0	ON	V
Fe37	PF/Vert L Curly Bracket	Ps	0	ON	V
Fe38	PF/Vert R Curly Bracket	Pe	0	ON	V
Fe39	PF/Vert L Tortoise Shell Bracket	Ps	0	ON	V
Fe3a	PF/Vert R Tortoise Shell Bracket	Pe	0	ON	V
Fe3b	PF/Vert L Black Lenticular Bracket	Ps	0	ON	V
Fe3c	PF/Vert R Black Lenticular Bracket	Pe	0	ON	V
Fe3d	PF/Vert L Double Angle Bracket	Ps	0	ON	V
Fe3e	PF/Vert R Double Angle Bracket	Pe	0	ON	V
Fe3f	PF/Vert L Angle Bracket	Ps	0	ON	V
Fe40	PF/Vert R Angle Bracket	Pe	0	ON	V
Fe41	PF/Vert L Corner Bracket	Ps	0	ON	V
Fe42	PF/Vert R Corner Bracket	Pe	0	ON	V
Fe43	PF/Vert L White Corner Bracket	Ps	0	ON	V
Fe44	PF/Vert R White Corner Bracket	Pe	0	ON	V
Fe45	Sesame Dot	Po	0	ON	
Fe46	White Sesame Dot	Po	0	ON	
Fe49	Dashed Overline	Po	0	ON	C
Fe4a	Centreline Overline	Po	0	ON	C
Fe4b	Wavy Overline	Po	0	ON	C
Fe4c	Double Wavy Overline	Po	0	ON	C
Fe4d	Dashed Low Line	Pc	0	ON	C
Fe4e	Centreline Low Line	Pc	0	ON	C
Fe4f	Wavy Low Line	Pc	0	ON	C

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Small Form Variants (FE50 to FE6F)
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Hex	Character	Gen	Cmb	Bid	Map
Fe50	Small Comma	Po	0	Cs	S
Fe51	Small Ideographic Comma	Po	0	ON	S
Fe52	Small Full Stop	Po	0	Cs	S
Fe54	Small Semicolon	Po	0	ON	S

Fe55	Small Colon	Po	0	Cs	S
Fe56	Small Question Mark	Po	0	ON	S
Fe57	Small Exclamation Mark	Po	0	ON	S
Fe58	Small Em Dash	Pd	0	ON	S
Fe59	Small L Parenthesis	Ps	0	ON	S
Fe5a	Small R Parenthesis	Pe	0	ON	S
Fe5b	Small L Curly Bracket	Ps	0	ON	S
Fe5c	Small R Curly Bracket	Pe	0	ON	S
Fe5d	Small L Tortoise Shell Bracket	Ps	0	ON	S
Fe5e	Small R Tortoise Shell Bracket	Pe	0	ON	S
Fe5f	Small Number Sign	Po	0	ET	S
Fe60	Small Ampersand	Po	0	ON	S
Fe61	Small Asterisk	Po	0	ON	S
Fe62	Small Plus Sign	Sm	0	ET	S
Fe63	Small Hyphen-Minus	Pd	0	ET	S
Fe64	Small < Sign	Sm	0	ON	S
Fe65	Small >Sign	Sm	0	ON	S
Fe66	Small = Sign	Sm	0	ON	S
Fe68	Small Reverse Solidus	Po	0	ON	S
Fe69	Small Dollar Sign	Sc	0	ET	S
Fe6a	Small Percent Sign	Po	0	ET	S
Fe6b	Small Commercial At	Po	0	ON	S

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Arabic Presentation Forms-B (FE70 to FEFF)
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A/ = Arabic
AMFF = Alef Maksura Final Form AMIsF = Alef Maksura Isolated Form

Hex	Character	Gen	Cmb	Bid	Map
Fe70	A/Fathatan Isolated Form	Lo	0	AL	IS
Fe71	A/Tatweel w Fathatan Above	Lo	0	AL	M
Fe72	A/Dammatan Isolated Form	Lo	0	AL	IS
Fe73	A/Tail Fragment	Lo	0	AL	
Fe74	A/Kasratan Isolated Form	Lo	0	AL	IS
Fe76	A/Fatha Isolated Form	Lo	0	AL	IS
Fe77	A/Fatha Medial Form	Lo	0	AL	M
Fe78	A/Damma Isolated Form	Lo	0	AL	IS
Fe79	A/Damma Medial Form	Lo	0	AL	M
Fe7a	A/Kasra Isolated Form	Lo	0	AL	IS
Fe7b	A/Kasra Medial Form	Lo	0	AL	M
Fe7c	A/Shadda Isolated Form	Lo	0	AL	IS
Fe7d	A/Shadda Medial Form	Lo	0	AL	M
Fe7e	A/Sukun Isolated Form	Lo	0	AL	IS
Fe7f	A/Sukun Medial Form	Lo	0	AL	M
Fe80	A/Letter Hamza Isolated Form	Lo	0	AL	IS
Fe81	A/Letter Alef w Madda above Isolated Form	Lo	0	AL	IS
Fe82	A/Letter Alef w Madda above Final Form	Lo	0	AL	F
Fe83	A/Letter Alef w Hamza above Isolated Form	Lo	0	AL	IS
Fe84	A/Letter Alef w Hamza above Final Form	Lo	0	AL	F
Fe85	A/Letter Waw w Hamza above Isolated Form	Lo	0	AL	IS
Fe86	A/Letter Waw w Hamza above Final Form	Lo	0	AL	F
Fe87	A/Letter Alef w Hamza Below Isolated Form	Lo	0	AL	IS
Fe88	A/Letter Alef w Hamza Below Final Form	Lo	0	AL	F
Fe89	A/Letter Yeh w Hamza above Isolated Form	Lo	0	AL	IS
Fe8a	A/Letter Yeh w Hamza above Final Form	Lo	0	AL	F
Fe8b	A/Letter Yeh w Hamza above Initial Form	Lo	0	AL	I
Fe8c	A/Letter Yeh w Hamza above Medial Form	Lo	0	AL	M
Fe8d	A/Letter Alef Isolated Form	Lo	0	AL	IS
Fe8e	A/Letter Alef Final Form	Lo	0	AL	F
Fe8f	A/Letter Beh Isolated Form	Lo	0	AL	IS
Fe90	A/Letter Beh Final Form	Lo	0	AL	F
Fe91	A/Letter Beh Initial Form	Lo	0	AL	I
Fe92	A/Letter Beh Medial Form	Lo	0	AL	M
Fe93	A/Letter Teh Marbuta Isolated Form	Lo	0	AL	IS
Fe94	A/Letter Teh Marbuta Final Form	Lo	0	AL	F
Fe95	A/Letter Teh Isolated Form	Lo	0	AL	IS
Fe96	A/Letter Teh Final Form	Lo	0	AL	F
Fe97	A/Letter Teh Initial Form	Lo	0	AL	I
Fe98	A/Letter Teh Medial Form	Lo	0	AL	M
Fe99	A/Letter Theh Isolated Form	Lo	0	AL	IS
Fe9a	A/Letter Theh Final Form	Lo	0	AL	F
Fe9b	A/Letter Theh Initial Form	Lo	0	AL	I
Fe9c	A/Letter Theh Medial Form	Lo	0	AL	M
Fe9d	A/Letter Jeem Isolated Form	Lo	0	AL	IS
Fe9e	A/Letter Jeem Final Form	Lo	0	AL	F
Fe9f	A/Letter Jeem Initial Form	Lo	0	AL	I
Fea0	A/Letter Jeem Medial Form	Lo	0	AL	M
Fea1	A/Letter Hah Isolated Form	Lo	0	AL	IS
Fea2	A/Letter Hah Final Form	Lo	0	AL	F
Fea3	A/Letter Hah Initial Form	Lo	0	AL	I
Fea4	A/Letter Hah Medial Form	Lo	0	AL	M
Fea5	A/Letter Khah Isolated Form	Lo	0	AL	IS
Fea6	A/Letter Khah Final Form	Lo	0	AL	F
Fea7	A/Letter Khah Initial Form	Lo	0	AL	I
Fea8	A/Letter Khah Medial Form	Lo	0	AL	M
Fea9	A/Letter Dal Isolated Form	Lo	0	AL	IS
Feaa	A/Letter Dal Final Form	Lo	0	AL	F
Feab	A/Letter Thal Isolated Form	Lo	0	AL	IS
Feac	A/Letter Thal Final Form	Lo	0	AL	F
Fead	A/Letter Reh Isolated Form	Lo	0	AL	IS
Feae	A/Letter Reh Final Form	Lo	0	AL	F
Feaf	A/Letter Zain Isolated Form	Lo	0	AL	IS
Feb0	A/Letter Zain Final Form	Lo	0	AL	F
Feb1	A/Letter Seen Isolated Form	Lo	0	AL	IS
Feb2	A/Letter Seen Final Form	Lo	0	AL	F
Feb3	A/Letter Seen Initial Form	Lo	0	AL	I
Feb4	A/Letter Seen Medial Form	Lo	0	AL	M
Feb5	A/Letter Sheen Isolated Form	Lo	0	AL	IS
Feb6	A/Letter Sheen Final Form	Lo	0	AL	F
Feb7	A/Letter Sheen Initial Form	Lo	0	AL	I

Feb8	A/Letter Sheen Medial Form	Lo	0	AL	M
Feb9	A/Letter Sad Isolated Form	Lo	0	AL	IS
Feba	A/Letter Sad Final Form	Lo	0	AL	F
Febb	A/Letter Sad Initial Form	Lo	0	AL	I
Febc	A/Letter Sad Medial Form	Lo	0	AL	M
Febd	A/Letter Dad Isolated Form	Lo	0	AL	IS
Febे	A/Letter Dad Final Form	Lo	0	AL	F
Febf	A/Letter Dad Initial Form	Lo	0	AL	I
Fec0	A/Letter Dad Medial Form	Lo	0	AL	M
Fec1	A/Letter Tah Isolated Form	Lo	0	AL	IS
Fec2	A/Letter Tah Final Form	Lo	0	AL	F
Fec3	A/Letter Tah Initial Form	Lo	0	AL	I
Fec4	A/Letter Tah Medial Form	Lo	0	AL	M
Fec5	A/Letter Zah Isolated Form	Lo	0	AL	IS
Fec6	A/Letter Zah Final Form	Lo	0	AL	F
Fec7	A/Letter Zah Initial Form	Lo	0	AL	I
Fec8	A/Letter Zah Medial Form	Lo	0	AL	M
Fec9	A/Letter Ain Isolated Form	Lo	0	AL	IS
Feca	A/Letter Ain Final Form	Lo	0	AL	F
Fecb	A/Letter Ain Initial Form	Lo	0	AL	I
Fecc	A/Letter Ain Medial Form	Lo	0	AL	M
Fecd	A/Letter Ghain Isolated Form	Lo	0	AL	IS
Fece	A/Letter Ghain Final Form	Lo	0	AL	F
Fecf	A/Letter Ghain Initial Form	Lo	0	AL	I
Fed0	A/Letter Ghain Medial Form	Lo	0	AL	M
Fed1	A/Letter Feh Isolated Form	Lo	0	AL	IS
Fed2	A/Letter Feh Final Form	Lo	0	AL	F
Fed3	A/Letter Feh Initial Form	Lo	0	AL	I
Fed4	A/Letter Feh Medial Form	Lo	0	AL	M
Fed5	A/Letter Qaf Isolated Form	Lo	0	AL	IS
Fed6	A/Letter Qaf Final Form	Lo	0	AL	F
Fed7	A/Letter Qaf Initial Form	Lo	0	AL	I
Fed8	A/Letter Qaf Medial Form	Lo	0	AL	M
Fed9	A/Letter Kaf Isolated Form	Lo	0	AL	IS
Feda	A/Letter Kaf Final Form	Lo	0	AL	F
Fedb	A/Letter Kaf Initial Form	Lo	0	AL	I
Fedc	A/Letter Kaf Medial Form	Lo	0	AL	M
Fedd	A/Letter Lam Isolated Form	Lo	0	AL	IS
Fede	A/Letter Lam Final Form	Lo	0	AL	F
Fedf	A/Letter Lam Initial Form	Lo	0	AL	I
Fee0	A/Letter Lam Medial Form	Lo	0	AL	M
Fee1	A/Letter Meem Isolated Form	Lo	0	AL	IS
Fee2	A/Letter Meem Final Form	Lo	0	AL	F
Fee3	A/Letter Meem Initial Form	Lo	0	AL	I
Fee4	A/Letter Meem Medial Form	Lo	0	AL	M
Fee5	A/Letter Noon Isolated Form	Lo	0	AL	IS
Fee6	A/Letter Noon Final Form	Lo	0	AL	F
Fee7	A/Letter Noon Initial Form	Lo	0	AL	I
Fee8	A/Letter Noon Medial Form	Lo	0	AL	M
Fee9	A/Letter Heh Isolated Form	Lo	0	AL	IS
Feea	A/Letter Heh Final Form	Lo	0	AL	F
Feeb	A/Letter Heh Initial Form	Lo	0	AL	I
Feec	A/Letter Heh Medial Form	Lo	0	AL	M
Feed	A/Letter Waw Isolated Form	Lo	0	AL	IS
Feee	A/Letter Waw Final Form	Lo	0	AL	F
Feef	A/Letter AMIsF	Lo	0	AL	IS
Fef0	A/Letter AMFF	Lo	0	AL	F
Fef1	A/Letter Yeh Isolated Form	Lo	0	AL	IS
Fef2	A/Letter Yeh Final Form	Lo	0	AL	F
Fef3	A/Letter Yeh Initial Form	Lo	0	AL	I
Fef4	A/Letter Yeh Medial Form	Lo	0	AL	M
Fef5	A/Lig Lam w Alef w Madda above Isolated Form	Lo	0	AL	IS
Fef6	A/Lig Lam w Alef w Madda above Final Form	Lo	0	AL	F
Fef7	A/Lig Lam w Alef w Hamza above Isolated Form	Lo	0	AL	IS
Fef8	A/Lig Lam w Alef w Hamza above Final Form	Lo	0	AL	F
Fef9	A/Lig Lam w Alef w Hamza Below Isolated Form	Lo	0	AL	IS
Fefa	A/Lig Lam w Alef w Hamza Below Final Form	Lo	0	AL	F
Fefb	A/Lig Lam w Alef Isolated Form	Lo	0	AL	IS
Fefc	A/Lig Lam w Alef Final Form	Lo	0	AL	F
Feff	Zero Width No-Break Space	Cf	0	BN	

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Halfwidth and Fullwidth Forms (FF00 to FFEF)
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Hex	Character	Gen	Cmb	Bid	Map
Ff01	Fullwidth Exclamation Mark	Po	0	ON	W
Ff02	Fullwidth Quotation Mark	Po	0	ON	W
Ff03	Fullwidth Number Sign	Po	0	ET	W
Ff04	Fullwidth Dollar Sign	Sc	0	ET	W
Ff05	Fullwidth Percent Sign	Po	0	ET	W
Ff06	Fullwidth Ampersand	Po	0	ON	W
Ff07	Fullwidth Apostrophe	Po	0	ON	W
Ff08	Fullwidth L Parenthesis	Ps	0	ON	W
Ff09	Fullwidth R Parenthesis	Pe	0	ON	W
Ff0a	Fullwidth Asterisk	Po	0	ON	W
Ff0b	Fullwidth Plus Sign	Sm	0	ET	W
Ff0c	Fullwidth Comma	Po	0	Cs	W
Ff0d	Fullwidth Hyphen-Minus	Pd	0	ET	W
Ff0e	Fullwidth Full Stop	Po	0	Cs	W
Ff0f	Fullwidth Solidus	Po	0	Es	W
Ff10	Fullwidth Digit Zero	Nd	0	EN	W
Ff11	Fullwidth Digit One	Nd	0	EN	W
Ff12	Fullwidth Digit Two	Nd	0	EN	W
Ff13	Fullwidth Digit Three	Nd	0	EN	W
Ff14	Fullwidth Digit Four	Nd	0	EN	W
Ff15	Fullwidth Digit Five	Nd	0	EN	W
Ff16	Fullwidth Digit Six	Nd	0	EN	W
Ff17	Fullwidth Digit Seven	Nd	0	EN	W
Ff18	Fullwidth Digit Eight	Nd	0	EN	W
Ff19	Fullwidth Digit Nine	Nd	0	EN	W
Ff1a	Fullwidth Colon	Po	0	Cs	W

Ff1b	Fullwidth Semicolon	Po	0	ON	W
Ff1c	Fullwidth < Sign	Sm	0	ON	W
Ff1d	Fullwidth = Sign	Sm	0	ON	W
Ff1e	Fullwidth >Sign	Sm	0	ON	W
Ff1f	Fullwidth Question Mark	Po	0	ON	W
Ff20	Fullwidth Commercial At	Po	0	ON	W
Ff21	Fullwidth Latin Capital Letter A	Lu	0	L	W
Ff22	Fullwidth Latin Capital Letter B	Lu	0	L	W
Ff23	Fullwidth Latin Capital Letter C	Lu	0	L	W
Ff24	Fullwidth Latin Capital Letter D	Lu	0	L	W
Ff25	Fullwidth Latin Capital Letter E	Lu	0	L	W
Ff26	Fullwidth Latin Capital Letter F	Lu	0	L	W
Ff27	Fullwidth Latin Capital Letter G	Lu	0	L	W
Ff28	Fullwidth Latin Capital Letter H	Lu	0	L	W
Ff29	Fullwidth Latin Capital Letter I	Lu	0	L	W
Ff2a	Fullwidth Latin Capital Letter J	Lu	0	L	W
Ff2b	Fullwidth Latin Capital Letter K	Lu	0	L	W
Ff2c	Fullwidth Latin Capital Letter L	Lu	0	L	W
Ff2d	Fullwidth Latin Capital Letter M	Lu	0	L	W
Ff2e	Fullwidth Latin Capital Letter N	Lu	0	L	W
Ff2f	Fullwidth Latin Capital Letter O	Lu	0	L	W
Ff30	Fullwidth Latin Capital Letter P	Lu	0	L	W
Ff31	Fullwidth Latin Capital Letter Q	Lu	0	L	W
Ff32	Fullwidth Latin Capital Letter R	Lu	0	L	W
Ff33	Fullwidth Latin Capital Letter S	Lu	0	L	W
Ff34	Fullwidth Latin Capital Letter T	Lu	0	L	W
Ff35	Fullwidth Latin Capital Letter U	Lu	0	L	W
Ff36	Fullwidth Latin Capital Letter V	Lu	0	L	W
Ff37	Fullwidth Latin Capital Letter W	Lu	0	L	W
Ff38	Fullwidth Latin Capital Letter X	Lu	0	L	W
Ff39	Fullwidth Latin Capital Letter Y	Lu	0	L	W
Ff3a	Fullwidth Latin Capital Letter Z	Lu	0	L	W
Ff3b	Fullwidth L Square Bracket	Ps	0	ON	W
Ff3c	Fullwidth Reverse Solidus	Po	0	ON	W
Ff3d	Fullwidth R Square Bracket	Pe	0	ON	W
Ff3e	Fullwidth Circumflex Accent	Sk	0	ON	W
Ff3f	Fullwidth Low Line	Pc	0	ON	W
Ff40	Fullwidth Grave Accent	Sk	0	ON	W
Ff41	Fullwidth Latin Small Letter A	Ll	0	L	W
Ff42	Fullwidth Latin Small Letter B	Ll	0	L	W
Ff43	Fullwidth Latin Small Letter C	Ll	0	L	W
Ff44	Fullwidth Latin Small Letter D	Ll	0	L	W
Ff45	Fullwidth Latin Small Letter E	Ll	0	L	W
Ff46	Fullwidth Latin Small Letter F	Ll	0	L	W
Ff47	Fullwidth Latin Small Letter G	Ll	0	L	W
Ff48	Fullwidth Latin Small Letter H	Ll	0	L	W
Ff49	Fullwidth Latin Small Letter I	Ll	0	L	W
Ff4a	Fullwidth Latin Small Letter J	Ll	0	L	W
Ff4b	Fullwidth Latin Small Letter K	Ll	0	L	W
Ff4c	Fullwidth Latin Small Letter L	Ll	0	L	W
Ff4d	Fullwidth Latin Small Letter M	Ll	0	L	W
Ff4e	Fullwidth Latin Small Letter N	Ll	0	L	W
Ff4f	Fullwidth Latin Small Letter O	Ll	0	L	W
Ff50	Fullwidth Latin Small Letter P	Ll	0	L	W
Ff51	Fullwidth Latin Small Letter Q	Ll	0	L	W
Ff52	Fullwidth Latin Small Letter R	Ll	0	L	W
Ff53	Fullwidth Latin Small Letter S	Ll	0	L	W
Ff54	Fullwidth Latin Small Letter T	Ll	0	L	W
Ff55	Fullwidth Latin Small Letter U	Ll	0	L	W
Ff56	Fullwidth Latin Small Letter V	Ll	0	L	W
Ff57	Fullwidth Latin Small Letter W	Ll	0	L	W
Ff58	Fullwidth Latin Small Letter X	Ll	0	L	W
Ff59	Fullwidth Latin Small Letter Y	Ll	0	L	W
Ff5a	Fullwidth Latin Small Letter Z	Ll	0	L	W
Ff5b	Fullwidth L Curly Bracket	Ps	0	ON	W
Ff5c	Fullwidth Vert Line	Sm	0	ON	W
Ff5d	Fullwidth R Curly Bracket	Pe	0	ON	W
Ff5e	Fullwidth Tilde	Sm	0	ON	W
Ff5f	Fullwidth L White Parenthesis	Ps	0	ON	W
Ff60	Fullwidth R White Parenthesis	Pe	0	ON	W
Ff61	Halfwidth Ideographic Full Stop	Po	0	ON	N
Ff62	Halfwidth L Corner Bracket	Ps	0	ON	N
Ff63	Halfwidth R Corner Bracket	Pe	0	ON	N
Ff64	Halfwidth Ideographic Comma	Po	0	ON	N
Ff65	Halfwidth Katakana Middle Dot	Pc	0	ON	N
Ff66	Halfwidth Katakana Letter Wo	Lo	0	L	N
Ff67	Halfwidth Katakana Letter Small A	Lo	0	L	N
Ff68	Halfwidth Katakana Letter Small I	Lo	0	L	N
Ff69	Halfwidth Katakana Letter Small U	Lo	0	L	N
Ff6a	Halfwidth Katakana Letter Small E	Lo	0	L	N
Ff6b	Halfwidth Katakana Letter Small O	Lo	0	L	N
Ff6c	Halfwidth Katakana Letter Small Ya	Lo	0	L	N
Ff6d	Halfwidth Katakana Letter Small Yu	Lo	0	L	N
Ff6e	Halfwidth Katakana Letter Small Yo	Lo	0	L	N
Ff6f	Halfwidth Katakana Letter Small Tu	Lo	0	L	N
Ff70	Halfwidth Katakana-Hiragana Prolonged Sound Mark	Lm	0	L	N
Ff71	Halfwidth Katakana Letter A	Lo	0	L	N
Ff72	Halfwidth Katakana Letter I	Lo	0	L	N
Ff73	Halfwidth Katakana Letter U	Lo	0	L	N
Ff74	Halfwidth Katakana Letter E	Lo	0	L	N
Ff75	Halfwidth Katakana Letter O	Lo	0	L	N
Ff76	Halfwidth Katakana Letter Ka	Lo	0	L	N
Ff77	Halfwidth Katakana Letter Ki	Lo	0	L	N
Ff78	Halfwidth Katakana Letter Ku	Lo	0	L	N
Ff79	Halfwidth Katakana Letter Ke	Lo	0	L	N
Ff7a	Halfwidth Katakana Letter Ko	Lo	0	L	N
Ff7b	Halfwidth Katakana Letter Sa	Lo	0	L	N
Ff7c	Halfwidth Katakana Letter Si	Lo	0	L	N
Ff7d	Halfwidth Katakana Letter Su	Lo	0	L	N
Ff7e	Halfwidth Katakana Letter Se	Lo	0	L	N
Ff7f	Halfwidth Katakana Letter So	Lo	0	L	N
Ff80	Halfwidth Katakana Letter Ta	Lo	0	L	N
Ff81	Halfwidth Katakana Letter Ti	Lo	0	L	N

Ff82	Halfwidth Katakana Letter Tu	Lo	0	L	N
Ff83	Halfwidth Katakana Letter Te	Lo	0	L	N
Ff84	Halfwidth Katakana Letter to	Lo	0	L	N
Ff85	Halfwidth Katakana Letter Na	Lo	0	L	N
Ff86	Halfwidth Katakana Letter Ni	Lo	0	L	N
Ff87	Halfwidth Katakana Letter Nu	Lo	0	L	N
Ff88	Halfwidth Katakana Letter Ne	Lo	0	L	N
Ff89	Halfwidth Katakana Letter No	Lo	0	L	N
Ff8a	Halfwidth Katakana Letter Ha	Lo	0	L	N
Ff8b	Halfwidth Katakana Letter Hi	Lo	0	L	N
Ff8c	Halfwidth Katakana Letter Hu	Lo	0	L	N
Ff8d	Halfwidth Katakana Letter He	Lo	0	L	N
Ff8e	Halfwidth Katakana Letter Ho	Lo	0	L	N
Ff8f	Halfwidth Katakana Letter Ma	Lo	0	L	N
Ff90	Halfwidth Katakana Letter Mi	Lo	0	L	N
Ff91	Halfwidth Katakana Letter Mu	Lo	0	L	N
Ff92	Halfwidth Katakana Letter Me	Lo	0	L	N
Ff93	Halfwidth Katakana Letter Mo	Lo	0	L	N
Ff94	Halfwidth Katakana Letter Ya	Lo	0	L	N
Ff95	Halfwidth Katakana Letter Yu	Lo	0	L	N
Ff96	Halfwidth Katakana Letter Yo	Lo	0	L	N
Ff97	Halfwidth Katakana Letter Ra	Lo	0	L	N
Ff98	Halfwidth Katakana Letter Ri	Lo	0	L	N
Ff99	Halfwidth Katakana Letter Ru	Lo	0	L	N
Ff9a	Halfwidth Katakana Letter Re	Lo	0	L	N
Ff9b	Halfwidth Katakana Letter Ro	Lo	0	L	N
Ff9c	Halfwidth Katakana Letter Wa	Lo	0	L	N
Ff9d	Halfwidth Katakana Letter N	Lo	0	L	N
Ff9e	Halfwidth Katakana Voiced Sound Mark	Lm	0	L	N
Ff9f	Halfwidth Katakana Semi-Voiced Sound Mark	Lm	0	L	N
Ffa0	Halfwidth Hangul Filler	Lo	0	L	N
Ffa1	Halfwidth Hangul Letter Kiyekok	Lo	0	L	N
Ffa2	Halfwidth Hangul Letter Ssangkiyeok	Lo	0	L	N
Ffa3	Halfwidth Hangul Letter Kiyekok-Sios	Lo	0	L	N
Ffa4	Halfwidth Hangul Letter Nieun	Lo	0	L	N
Ffa5	Halfwidth Hangul Letter Nieun-Cieuc	Lo	0	L	N
Ffa6	Halfwidth Hangul Letter Nieun-Hieuh	Lo	0	L	N
Ffa7	Halfwidth Hangul Letter Tikeut	Lo	0	L	N
Ffa8	Halfwidth Hangul Letter Ssangtikeut	Lo	0	L	N
Ffa9	Halfwidth Hangul Letter Rieul	Lo	0	L	N
Ffaa	Halfwidth Hangul Letter Rieul-Kiyekok	Lo	0	L	N
Ffab	Halfwidth Hangul Letter Rieul-Mieum	Lo	0	L	N
Ffac	Halfwidth Hangul Letter Rieul-Pieup	Lo	0	L	N
Ffad	Halfwidth Hangul Letter Rieul-Sios	Lo	0	L	N
Ffae	Halfwidth Hangul Letter Rieul-Thieuth	Lo	0	L	N
Ffaf	Halfwidth Hangul Letter Rieul-Phieuph	Lo	0	L	N
Ffb0	Halfwidth Hangul Letter Rieul-Hieuh	Lo	0	L	N
Ffb1	Halfwidth Hangul Letter Mieum	Lo	0	L	N
Ffb2	Halfwidth Hangul Letter Pieup	Lo	0	L	N
Ffb3	Halfwidth Hangul Letter Ssangpieup	Lo	0	L	N
Ffb4	Halfwidth Hangul Letter Pieup-Sios	Lo	0	L	N
Ffb5	Halfwidth Hangul Letter Sios	Lo	0	L	N
Ffb6	Halfwidth Hangul Letter Ssangsiot	Lo	0	L	N
Ffb7	Halfwidth Hangul Letter Ieung	Lo	0	L	N
Ffb8	Halfwidth Hangul Letter Cieuc	Lo	0	L	N
Ffb9	Halfwidth Hangul Letter Ssangcieuc	Lo	0	L	N
Ffba	Halfwidth Hangul Letter Chieuch	Lo	0	L	N
Ffbb	Halfwidth Hangul Letter Khieukh	Lo	0	L	N
Ffbc	Halfwidth Hangul Letter Thieuth	Lo	0	L	N
Ffbd	Halfwidth Hangul Letter Phieuph	Lo	0	L	N
Ffbe	Halfwidth Hangul Letter Hieuh	Lo	0	L	N
Ffc2	Halfwidth Hangul Letter A	Lo	0	L	N
Ffc3	Halfwidth Hangul Letter Ae	Lo	0	L	N
Ffc4	Halfwidth Hangul Letter Ya	Lo	0	L	N
Ffc5	Halfwidth Hangul Letter Yae	Lo	0	L	N
Ffc6	Halfwidth Hangul Letter Eo	Lo	0	L	N
Ffc7	Halfwidth Hangul Letter E	Lo	0	L	N
Ffca	Halfwidth Hangul Letter Yeo	Lo	0	L	N
Ffcb	Halfwidth Hangul Letter Ye	Lo	0	L	N
Ffcc	Halfwidth Hangul Letter O	Lo	0	L	N
Ffcd	Halfwidth Hangul Letter Wa	Lo	0	L	N
Ffce	Halfwidth Hangul Letter Wae	Lo	0	L	N
Ffcf	Halfwidth Hangul Letter Oe	Lo	0	L	N
Ffd2	Halfwidth Hangul Letter Yo	Lo	0	L	N
Ffd3	Halfwidth Hangul Letter U	Lo	0	L	N
Ffd4	Halfwidth Hangul Letter Weo	Lo	0	L	N
Ffd5	Halfwidth Hangul Letter We	Lo	0	L	N
Ffd6	Halfwidth Hangul Letter Wi	Lo	0	L	N
Ffd7	Halfwidth Hangul Letter Yu	Lo	0	L	N
Ffda	Halfwidth Hangul Letter Eu	Lo	0	L	N
Ffdb	Halfwidth Hangul Letter Yi	Lo	0	L	N
Ffdc	Halfwidth Hangul Letter I	Lo	0	L	N
Ffe0	Fullwidth Cent Sign	Sc	0	ET	W
Ffe1	Fullwidth Pound Sign	Sc	0	ET	W
Ffe2	Fullwidth Not Sign	Sm	0	ON	W
Ffe3	Fullwidth Macron	Sk	0	ON	W
Ffe4	Fullwidth Broken Bar	So	0	ON	W
Ffe5	Fullwidth Yen Sign	Sc	0	ET	W
Ffe6	Fullwidth Won Sign	Sc	0	ET	W
Ffe8	Halfwidth Forms Light Vert	So	0	ON	N
Ffe9	Halfwidth Leftwards Arrow	Sm	0	ON	N
Ffea	Halfwidth Upwards Arrow	Sm	0	ON	N
Ffeb	Halfwidth R Arrow	Sm	0	ON	N
Ffec	Halfwidth Downwards Arrow	Sm	0	ON	N
Ffed	Halfwidth Black Square	So	0	ON	N
Ffee	Halfwidth White Circle	So	0	ON	N

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Specials (FFF0 to FFFF)
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Hex	Character	Gen	Cmb	Bid	Map

Fff9	Interlinear Annotation Anchor	Cf	0	BN
Fffa	Interlinear Annotation Separator	Cf	0	BN
Fffb	Interlinear Annotation Terminator	Cf	0	BN
Fffc	Object Replacement Character	So	0	ON
Fffd	Replacement Character	So	0	ON

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Old Italic (10300 to 1032F)
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Hex	Character	Gen	Cmb	Bid	Map
10300	Old Italic Letter A	Lo	0	L	
10301	Old Italic Letter Be	Lo	0	L	
10302	Old Italic Letter Ke	Lo	0	L	
10303	Old Italic Letter De	Lo	0	L	
10304	Old Italic Letter E	Lo	0	L	
10305	Old Italic Letter Ve	Lo	0	L	
10306	Old Italic Letter Ze	Lo	0	L	
10307	Old Italic Letter He	Lo	0	L	
10308	Old Italic Letter The	Lo	0	L	
10309	Old Italic Letter I	Lo	0	L	
1030a	Old Italic Letter Ka	Lo	0	L	
1030b	Old Italic Letter El	Lo	0	L	
1030c	Old Italic Letter Em	Lo	0	L	
1030d	Old Italic Letter En	Lo	0	L	
1030e	Old Italic Letter Esh	Lo	0	L	
1030f	Old Italic Letter O	Lo	0	L	
10310	Old Italic Letter Pe	Lo	0	L	
10311	Old Italic Letter She	Lo	0	L	
10312	Old Italic Letter Ku	Lo	0	L	
10313	Old Italic Letter Er	Lo	0	L	
10314	Old Italic Letter Es	Lo	0	L	
10315	Old Italic Letter Te	Lo	0	L	
10316	Old Italic Letter U	Lo	0	L	
10317	Old Italic Letter Eks	Lo	0	L	
10318	Old Italic Letter Phe	Lo	0	L	
10319	Old Italic Letter Khe	Lo	0	L	
1031a	Old Italic Letter Ef	Lo	0	L	
1031b	Old Italic Letter Ers	Lo	0	L	
1031c	Old Italic Letter Che	Lo	0	L	
1031d	Old Italic Letter Ii	Lo	0	L	
1031e	Old Italic Letter Uu	Lo	0	L	
10320	Old Italic Numeral One	No	0	L	
10321	Old Italic Numeral Five	No	0	L	
10322	Old Italic Numeral Ten	No	0	L	
10323	Old Italic Numeral Fifty	No	0	L	

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Gothic (10330 to 1034F)
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Hex	Character	Gen	Cmb	Bid	Map
10330	Gothic Letter Ahsa	Lo	0	L	
10331	Gothic Letter Bairkan	Lo	0	L	
10332	Gothic Letter Giba	Lo	0	L	
10333	Gothic Letter Dags	Lo	0	L	
10334	Gothic Letter Aihvus	Lo	0	L	
10335	Gothic Letter Qairthra	Lo	0	L	
10336	Gothic Letter Iuja	Lo	0	L	
10337	Gothic Letter Hagl	Lo	0	L	
10338	Gothic Letter Thiuth	Lo	0	L	
10339	Gothic Letter Eis	Lo	0	L	
1033a	Gothic Letter Kusma	Lo	0	L	
1033b	Gothic Letter Lagus	Lo	0	L	
1033c	Gothic Letter Manna	Lo	0	L	
1033d	Gothic Letter Nauths	Lo	0	L	
1033e	Gothic Letter Jer	Lo	0	L	
1033f	Gothic Letter Urus	Lo	0	L	
10340	Gothic Letter Pairthra	Lo	0	L	
10341	Gothic Letter Ninety	Lo	0	L	
10342	Gothic Letter Raida	Lo	0	L	
10343	Gothic Letter Sauil	Lo	0	L	
10344	Gothic Letter Teiws	Lo	0	L	
10345	Gothic Letter Winja	Lo	0	L	
10346	Gothic Letter Faihu	Lo	0	L	
10347	Gothic Letter Iggws	Lo	0	L	
10348	Gothic Letter Hwair	Lo	0	L	
10349	Gothic Letter Othal	Lo	0	L	
1034a	Gothic Letter Nine Hundred	Nl	0	L	

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Deseret (10400 to 1044F)
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Hex	Character	Gen	Cmb	Bid	Map
10400	Deseret Capital Letter Long I	Lu	0	L	
10401	Deseret Capital Letter Long E	Lu	0	L	
10402	Deseret Capital Letter Long A	Lu	0	L	
10403	Deseret Capital Letter Long Ah	Lu	0	L	
10404	Deseret Capital Letter Long O	Lu	0	L	
10405	Deseret Capital Letter Long Oo	Lu	0	L	
10406	Deseret Capital Letter Short I	Lu	0	L	
10407	Deseret Capital Letter Short E	Lu	0	L	
10408	Deseret Capital Letter Short A	Lu	0	L	
10409	Deseret Capital Letter Short Ah	Lu	0	L	
1040a	Deseret Capital Letter Short O	Lu	0	L	
1040b	Deseret Capital Letter Short Oo	Lu	0	L	
1040c	Deseret Capital Letter Ay	Lu	0	L	

1040d	Deseret Capital Letter Ow	Lu	0	L
1040e	Deseret Capital Letter Wu	Lu	0	L
1040f	Deseret Capital Letter Yee	Lu	0	L
10410	Deseret Capital Letter H	Lu	0	L
10411	Deseret Capital Letter Pee	Lu	0	L
10412	Deseret Capital Letter Bee	Lu	0	L
10413	Deseret Capital Letter Tee	Lu	0	L
10414	Deseret Capital Letter Dee	Lu	0	L
10415	Deseret Capital Letter Chee	Lu	0	L
10416	Deseret Capital Letter Jee	Lu	0	L
10417	Deseret Capital Letter Kay	Lu	0	L
10418	Deseret Capital Letter Gay	Lu	0	L
10419	Deseret Capital Letter Ef	Lu	0	L
1041a	Deseret Capital Letter Vee	Lu	0	L
1041b	Deseret Capital Letter Eth	Lu	0	L
1041c	Deseret Capital Letter Thee	Lu	0	L
1041d	Deseret Capital Letter Es	Lu	0	L
1041e	Deseret Capital Letter Zee	Lu	0	L
1041f	Deseret Capital Letter Esh	Lu	0	L
10420	Deseret Capital Letter Zhee	Lu	0	L
10421	Deseret Capital Letter Er	Lu	0	L
10422	Deseret Capital Letter El	Lu	0	L
10423	Deseret Capital Letter Em	Lu	0	L
10424	Deseret Capital Letter En	Lu	0	L
10425	Deseret Capital Letter Eng	Lu	0	L
10428	Deseret Small Letter Long I	Ll	0	L
10429	Deseret Small Letter Long E	Ll	0	L
1042a	Deseret Small Letter Long A	Ll	0	L
1042b	Deseret Small Letter Long Ah	Ll	0	L
1042c	Deseret Small Letter Long O	Ll	0	L
1042d	Deseret Small Letter Long Oo	Ll	0	L
1042e	Deseret Small Letter Short I	Ll	0	L
1042f	Deseret Small Letter Short E	Ll	0	L
10430	Deseret Small Letter Short A	Ll	0	L
10431	Deseret Small Letter Short Ah	Ll	0	L
10432	Deseret Small Letter Short O	Ll	0	L
10433	Deseret Small Letter Short Oo	Ll	0	L
10434	Deseret Small Letter Ay	Ll	0	L
10435	Deseret Small Letter Ow	Ll	0	L
10436	Deseret Small Letter Wu	Ll	0	L
10437	Deseret Small Letter Yee	Ll	0	L
10438	Deseret Small Letter H	Ll	0	L
10439	Deseret Small Letter Pee	Ll	0	L
1043a	Deseret Small Letter Bee	Ll	0	L
1043b	Deseret Small Letter Tee	Ll	0	L
1043c	Deseret Small Letter Dee	Ll	0	L
1043d	Deseret Small Letter Chee	Ll	0	L
1043e	Deseret Small Letter Jee	Ll	0	L
1043f	Deseret Small Letter Kay	Ll	0	L
10440	Deseret Small Letter Gay	Ll	0	L
10441	Deseret Small Letter Ef	Ll	0	L
10442	Deseret Small Letter Vee	Ll	0	L
10443	Deseret Small Letter Eth	Ll	0	L
10444	Deseret Small Letter Thee	Ll	0	L
10445	Deseret Small Letter Es	Ll	0	L
10446	Deseret Small Letter Zee	Ll	0	L
10447	Deseret Small Letter Esh	Ll	0	L
10448	Deseret Small Letter Zhee	Ll	0	L
10449	Deseret Small Letter Er	Ll	0	L
1044a	Deseret Small Letter El	Ll	0	L
1044b	Deseret Small Letter Em	Ll	0	L
1044c	Deseret Small Letter En	Ll	0	L
1044d	Deseret Small Letter Eng	Ll	0	L

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Byzantine Musical Symbols (1D000 to 1D0FF)

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BMS/ = Byzantine Musical Symbol

Hex	Character	Gen	Cmb	Bid	Map
1d000	BMS/Psili	So	0	L	
1d001	BMS/Daseia	So	0	L	
1d002	BMS/Perispomeni	So	0	L	
1d003	BMS/Oxeia Ekfonitikon	So	0	L	
1d004	BMS/Oxeia Dipli	So	0	L	
1d005	BMS/Vareia Ekfonitikon	So	0	L	
1d006	BMS/Vareia Dipli	So	0	L	
1d007	BMS/Kathisti	So	0	L	
1d008	BMS/Syrmatici	So	0	L	
1d009	BMS/Paraklitiki	So	0	L	
1d00a	BMS/Ypokrisis	So	0	L	
1d00b	BMS/Ypokrisis Dipli	So	0	L	
1d00c	BMS/Kremasti	So	0	L	
1d00d	BMS/Apeso Ekfonitikon	So	0	L	
1d00e	BMS/Exo Ekfonitikon	So	0	L	
1d00f	BMS/Teleia	So	0	L	
1d010	BMS/Kentimata	So	0	L	
1d011	BMS/Apostrofos	So	0	L	
1d012	BMS/Apostrofos Dipli	So	0	L	
1d013	BMS/Synevma	So	0	L	
1d014	BMS/Thita	So	0	L	
1d015	BMS/Oligon Archaion	So	0	L	
1d016	BMS/Gorgon Archaion	So	0	L	
1d017	BMS/Psilon	So	0	L	
1d018	BMS/Chamilon	So	0	L	
1d019	BMS/Vathy	So	0	L	
1d01a	BMS/Ison Archaion	So	0	L	
1d01b	BMS/Kentima Archaion	So	0	L	
1d01c	BMS/Kentimata Archaion	So	0	L	
1d01d	BMS/Saximata	So	0	L	
1d01e	BMS/Parichon	So	0	L	
1d01f	BMS/Stavros Apodexia	So	0	L	

1d020	BMS/Oxeiai Archaion	So	0	L
1d021	BMS/Vareiai Archaion	So	0	L
1d022	BMS/Apoderma Archaion	So	0	L
1d023	BMS/Apothema	So	0	L
1d024	BMS/Klasma	So	0	L
1d025	BMS/Revma	So	0	L
1d026	BMS/Piasma Archaion	So	0	L
1d027	BMS/Tinagma	So	0	L
1d028	BMS/Anatrichisma	So	0	L
1d029	BMS/Seisma	So	0	L
1d02a	BMS/Synagma Archaion	So	0	L
1d02b	BMS/Synagma Meta Stavrou	So	0	L
1d02c	BMS/Oyranisma Archaion	So	0	L
1d02d	BMS/Thema	So	0	L
1d02e	BMS/Lemoi	So	0	L
1d02f	BMS/Dyo	So	0	L
1d030	BMS/Tria	So	0	L
1d031	BMS/Tessera	So	0	L
1d032	BMS/Kratimata	So	0	L
1d033	BMS/Apeso Exo Neo	So	0	L
1d034	BMS/Fthora Archaion	So	0	L
1d035	BMS/Imifthora	So	0	L
1d036	BMS/Tromikon Archaion	So	0	L
1d037	BMS/Katava Tromikon	So	0	L
1d038	BMS/Pelaston	So	0	L
1d039	BMS/Psifiston	So	0	L
1d03a	BMS/Kontevma	So	0	L
1d03b	BMS/Chorevma Archaion	So	0	L
1d03c	BMS/Rapisma	So	0	L
1d03d	BMS/Parakalesma Archaion	So	0	L
1d03e	BMS/Paraklitiki Archaion	So	0	L
1d03f	BMS/Ichadin	So	0	L
1d040	BMS/Nana	So	0	L
1d041	BMS/Petasma	So	0	L
1d042	BMS/Kontevma Allo	So	0	L
1d043	BMS/Tromikon Allo	So	0	L
1d044	BMS/Straggismata	So	0	L
1d045	BMS/Gronthismata	So	0	L
1d046	BMS/Ison Neo	So	0	L
1d047	BMS/Oligon Neo	So	0	L
1d048	BMS/Oxeia Neo	So	0	L
1d049	BMS/Petasti	So	0	L
1d04a	BMS/Koufisma	So	0	L
1d04b	BMS/Petastokoufisma	So	0	L
1d04c	BMS/Kratimokoufisma	So	0	L
1d04d	BMS/Pelaston Neo	So	0	L
1d04e	BMS/Kentimata Neo Ano	So	0	L
1d04f	BMS/Kentima Neo Ano	So	0	L
1d050	BMS/Ypsili	So	0	L
1d051	BMS/Apostrofos Neo	So	0	L
1d052	BMS/Apostrofoi Syndesmos Neo	So	0	L
1d053	BMS/Yporroi	So	0	L
1d054	BMS/Kratimoyporroon	So	0	L
1d055	BMS/Elafron	So	0	L
1d056	BMS/Chamili	So	0	L
1d057	BMS/Mikron Ison	So	0	L
1d058	BMS/Vareia Neo	So	0	L
1d059	BMS/Piasma Neo	So	0	L
1d05a	BMS/Psifiston Neo	So	0	L
1d05b	BMS/Omalon	So	0	L
1d05c	BMS/Antikenoma	So	0	L
1d05d	BMS/Lygisma	So	0	L
1d05e	BMS/Paraklitiki Neo	So	0	L
1d05f	BMS/Parakalesma Neo	So	0	L
1d060	BMS/Eteron Parakalesma	So	0	L
1d061	BMS/Kylisma	So	0	L
1d062	BMS/Antikenokylisma	So	0	L
1d063	BMS/Tromikon Neo	So	0	L
1d064	BMS/Ekstrepton	So	0	L
1d065	BMS/Synagma Neo	So	0	L
1d066	BMS/Syrma	So	0	L
1d067	BMS/Chorevma Neo	So	0	L
1d068	BMS/Epegerma	So	0	L
1d069	BMS/Seisma Neo	So	0	L
1d06a	BMS/Xiron Klasma	So	0	L
1d06b	BMS/Tromikopsifiston	So	0	L
1d06c	BMS/Psifistolygisma	So	0	L
1d06d	BMS/Tromikolygisma	So	0	L
1d06e	BMS/Tromikoparakalesma	So	0	L
1d06f	BMS/Psifistoparakalesma	So	0	L
1d070	BMS/Tromikosynagma	So	0	L
1d071	BMS/Psifistosynagma	So	0	L
1d072	BMS/Gorgosyntheton	So	0	L
1d073	BMS/Argosyntheton	So	0	L
1d074	BMS/Eteron Argosyntheton	So	0	L
1d075	BMS/Oyranisma Neo	So	0	L
1d076	BMS/Thematismos Eso	So	0	L
1d077	BMS/Thematismos Exo	So	0	L
1d078	BMS/Thema Aploun	So	0	L
1d079	BMS/Thes Kai Apotes	So	0	L
1d07a	BMS/Katavasma	So	0	L
1d07b	BMS/Endofonon	So	0	L
1d07c	BMS/Yfen Kato	So	0	L
1d07d	BMS/Yfen Ano	So	0	L
1d07e	BMS/Stavros	So	0	L
1d07f	BMS/Klasma Ano	So	0	L
1d080	BMS/Dipli Archaion	So	0	L
1d081	BMS/Kratima Archaion	So	0	L
1d082	BMS/Kratima Allo	So	0	L
1d083	BMS/Kratima Neo	So	0	L
1d084	BMS/Apoderma Neo	So	0	L
1d085	BMS/Apli	So	0	L
1d086	BMS/Dipli	So	0	L
1d087	BMS/Tripli	So	0	L

1d088	BMS/Tetrapli	So	0	L
1d089	BMS/Koronis	So	0	L
1d08a	BMS/Leimma Enos Chronou	So	0	L
1d08b	BMS/Leimma Dyo Chronon	So	0	L
1d08c	BMS/Leimma Trion Chronon	So	0	L
1d08d	BMS/Leimma Tessaron Chronon	So	0	L
1d08e	BMS/Leimma Imiseos Chronou	So	0	L
1d08f	BMS/Gorgon Neo Ano	So	0	L
1d090	BMS/Gorgon Parestigmenon Aristera	So	0	L
1d091	BMS/Gorgon Parestigmenon Dexia	So	0	L
1d092	BMS/Digorgon	So	0	L
1d093	BMS/Digorgon Parestigmenon Aristera Kato	So	0	L
1d094	BMS/Digorgon Parestigmenon Aristera Ano	So	0	L
1d095	BMS/Digorgon Parestigmenon Dexia	So	0	L
1d096	BMS/Trigorgon	So	0	L
1d097	BMS/Argon	So	0	L
1d098	BMS/Imidiargon	So	0	L
1d099	BMS/Diargon	So	0	L
1d09a	BMS/Agogi Poli Argi	So	0	L
1d09b	BMS/Agogi Argoteri	So	0	L
1d09c	BMS/Agogi Argi	So	0	L
1d09d	BMS/Agogi Metria	So	0	L
1d09e	BMS/Agogi Mesi	So	0	L
1d09f	BMS/Agogi Gorgi	So	0	L
1d0a0	BMS/Agogi Gorgoteri	So	0	L
1d0a1	BMS/Agogi Poli Gorgi	So	0	L
1d0a2	BMS/Martyria Protos Ichos	So	0	L
1d0a3	BMS/Martyria Alli Protos Ichos	So	0	L
1d0a4	BMS/Martyria Deyteros Ichos	So	0	L
1d0a5	BMS/Martyria Alli Deyteros Ichos	So	0	L
1d0a6	BMS/Martyria Tritos Ichos	So	0	L
1d0a7	BMS/Martyria Trifonias	So	0	L
1d0a8	BMS/Martyria Tetartos Ichos	So	0	L
1d0a9	BMS/Martyria Tetartos Legetos Ichos	So	0	L
1d0aa	BMS/Martyria Legetos Ichos	So	0	L
1d0ab	BMS/Martyria Plagios Ichos	So	0	L
1d0ac	BMS/Isakia Telous Ichimatos	So	0	L
1d0ad	BMS/Apostrofoi Telous Ichimatos	So	0	L
1d0ae	BMS/Fanerosis Tetrafonias	So	0	L
1d0af	BMS/Fanerosis Monofonias	So	0	L
1d0b0	BMS/Fanerosis Difonias	So	0	L
1d0b1	BMS/Martyria Varys Ichos	So	0	L
1d0b2	BMS/Martyria Protovarys Ichos	So	0	L
1d0b3	BMS/Martyria Plagios Tetartos Ichos	So	0	L
1d0b4	BMS/Gorthmikion N Aploun	So	0	L
1d0b5	BMS/Gorthmikion N Diploun	So	0	L
1d0b6	BMS/Enarxis Kai Fthora Vou	So	0	L
1d0b7	BMS/Imifonon	So	0	L
1d0b8	BMS/Imifthoron	So	0	L
1d0b9	BMS/Fthora Archaion Deyterou Ichou	So	0	L
1d0ba	BMS/Fthora Diatoniki Pa	So	0	L
1d0bb	BMS/Fthora Diatoniki Nana	So	0	L
1d0bc	BMS/Fthora Naos Ichos	So	0	L
1d0bd	BMS/Fthora Diatoniki Di	So	0	L
1d0be	BMS/Fthora Skliron Diatonon Di	So	0	L
1d0bf	BMS/Fthora Diatoniki Ke	So	0	L
1d0c0	BMS/Fthora Diatoniki Zo	So	0	L
1d0c1	BMS/Fthora Diatoniki Ni Kato	So	0	L
1d0c2	BMS/Fthora Diatoniki Ni Ano	So	0	L
1d0c3	BMS/Fthora Malakon Chroma Difonias	So	0	L
1d0c4	BMS/Fthora Malakon Chroma Monofonias	So	0	L
1d0c5	BMS/Fthora Skliron Chroma Vasis	So	0	L
1d0c6	BMS/Fthora Skliron Chroma Synafi	So	0	L
1d0c7	BMS/Fthora Nenano	So	0	L
1d0c8	BMS/Chroa Zygos	So	0	L
1d0c9	BMS/Chroa Kliton	So	0	L
1d0ca	BMS/Chroa Spathi	So	0	L
1d0cb	BMS/Fthora I Yfesis Tetartimorion	So	0	L
1d0cc	BMS/Fthora Enarmonios Antifonia	So	0	L
1d0cd	BMS/Yfesis Tritimorion	So	0	L
1d0ce	BMS/Diesis Tritimorion	So	0	L
1d0cf	BMS/Diesis Tetartimorion	So	0	L
1d0d0	BMS/Diesis Apli Dyo Dodekata	So	0	L
1d0d1	BMS/Diesis Monogrammos Tessera Dodekata	So	0	L
1d0d2	BMS/Diesis Digrammos Ex Dodekata	So	0	L
1d0d3	BMS/Diesis Trigrammos Okto Dodekata	So	0	L
1d0d4	BMS/Yfesis Apli Dyo Dodekata	So	0	L
1d0d5	BMS/Yfesis Monogrammos Tessera Dodekata	So	0	L
1d0d6	BMS/Yfesis Digrammos Ex Dodekata	So	0	L
1d0d7	BMS/Yfesis Trigrammos Okto Dodekata	So	0	L
1d0d8	BMS/Geniki Diesis	So	0	L
1d0d9	BMS/Geniki Yfesis	So	0	L
1d0da	BMS/Diastoli Apli Mikri	So	0	L
1d0db	BMS/Diastoli Apli Megali	So	0	L
1d0dc	BMS/Diastoli Dipli	So	0	L
1d0dd	BMS/Diastoli Theseos	So	0	L
1d0de	BMS/Simansis Theseos	So	0	L
1d0df	BMS/Simansis Theseos Disimou	So	0	L
1d0e0	BMS/Simansis Theseos Trisimou	So	0	L
1d0e1	BMS/Simansis Theseos Tetrasimou	So	0	L
1d0e2	BMS/Simansis Arseos	So	0	L
1d0e3	BMS/Simansis Arseos Disimou	So	0	L
1d0e4	BMS/Simansis Arseos Trisimou	So	0	L
1d0e5	BMS/Simansis Arseos Tetrasimou	So	0	L
1d0e6	BMS/Digramma Gg	So	0	L
1d0e7	BMS/Diftoggos Ou	So	0	L
1d0e8	BMS/Stigma	So	0	L
1d0e9	BMS/Arktiko Pa	So	0	L
1d0ea	BMS/Arktiko Vou	So	0	L
1d0eb	BMS/Arktiko Ga	So	0	L
1d0ec	BMS/Arktiko Di	So	0	L
1d0ed	BMS/Arktiko Ke	So	0	L
1d0ee	BMS/Arktiko Zo	So	0	L
1d0ef	BMS/Arktiko Ni	So	0	L

1d0f0	BMS/Kentimata Neo Meso	So	0	L
1d0f1	BMS/Kentima Neo Meso	So	0	L
1d0f2	BMS/Kentimata Neo Kato	So	0	L
1d0f3	BMS/Kentima Neo Kato	So	0	L
1d0f4	BMS/Klasma Kato	So	0	L
1d0f5	BMS/Gorgon Neo Kato	So	0	L

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Musical Symbols (1D100 to 1D1FF)

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MS/ = Musical Symbol

Hex	Character	Gen	Cmb	Bid	Map
1d100	MS/Single Barline	So	0	L	
1d101	MS/Double Barline	So	0	L	
1d102	MS/Final Barline	So	0	L	
1d103	MS/Reverse Final Barline	So	0	L	
1d104	Dashed Barline	So	0	L	
1d105	MS/Short Barline	So	0	L	
1d106	MS/L Repeat Sign	So	0	L	
1d107	MS/R Repeat Sign	So	0	L	
1d108	MS/Repeat Dots	So	0	L	
1d109	MS/Dal Segno	So	0	L	
1d10a	MS/Da Capo	So	0	L	
1d10b	MS/Segno	So	0	L	
1d10c	MS/Coda	So	0	L	
1d10d	MS/Repeated Figure-1	So	0	L	
1d10e	MS/Repeated Figure-2	So	0	L	
1d10f	MS/Repeated Figure-3	So	0	L	
1d110	MS/Fermata	So	0	L	
1d111	MS/Fermata Below	So	0	L	
1d112	MS/Breath Mark	So	0	L	
1d113	MS/Caesura	So	0	L	
1d114	MS/Brace	So	0	L	
1d115	MS/Bracket	So	0	L	
1d116	MS/One-Line Staff	So	0	L	
1d117	MS/2-Line Staff	So	0	L	
1d118	MS/Three-Line Staff	So	0	L	
1d119	MS/Four-Line Staff	So	0	L	
1d11a	MS/Five-Line Staff	So	0	L	
1d11b	MS/Six-Line Staff	So	0	L	
1d11c	MS/Six-String Fretboard	So	0	L	
1d11d	MS/Four-String Fretboard	So	0	L	
1d11e	MS/G Clef	So	0	L	
1d11f	MS/G Clef Ottava Alta	So	0	L	
1d120	MS/G Clef Ottava Bassa	So	0	L	
1d121	MS/C Clef	So	0	L	
1d122	MS/F Clef	So	0	L	
1d123	MS/F Clef Ottava Alta	So	0	L	
1d124	MS/F Clef Ottava Bassa	So	0	L	
1d125	MS/Drum Clef-1	So	0	L	
1d126	MS/Drum Clef-2	So	0	L	
1d12a	MS/Double Sharp	So	0	L	
1d12b	MS/Double Flat	So	0	L	
1d12c	MS/Flat Up	So	0	L	
1d12d	MS/Flat Down	So	0	L	
1d12e	MS/Natural Up	So	0	L	
1d12f	MS/Natural Down	So	0	L	
1d130	MS/Sharp Up	So	0	L	
1d131	MS/Sharp Down	So	0	L	
1d132	MS/Quarter Tone Sharp	So	0	L	
1d133	MS/Quarter Tone Flat	So	0	L	
1d134	MS/Common Time	So	0	L	
1d135	MS/Cut Time	So	0	L	
1d136	MS/Ottava Alta	So	0	L	
1d137	MS/Ottava Bassa	So	0	L	
1d138	MS/Quindicesima Alta	So	0	L	
1d139	MS/Quindicesima Bassa	So	0	L	
1d13a	MS/Multi Rest	So	0	L	
1d13b	MS/Whole Rest	So	0	L	
1d13c	MS/Half Rest	So	0	L	
1d13d	MS/Quarter Rest	So	0	L	
1d13e	MS/Eighth Rest	So	0	L	
1d13f	MS/Sixteenth Rest	So	0	L	
1d140	MS/Thirty-Second Rest	So	0	L	
1d141	MS/Sixty-Fourth Rest	So	0	L	
1d142	MS/One Hundred Twenty-Eighth Rest	So	0	L	
1d143	MS/X Notehead	So	0	L	
1d144	MS/Plus Notehead	So	0	L	
1d145	MS/Circle X Notehead	So	0	L	
1d146	MS/Square Notehead White	So	0	L	
1d147	MS/Square Notehead Black	So	0	L	
1d148	MS/Triangle Notehead Up White	So	0	L	
1d149	MS/Triangle Notehead Up Black	So	0	L	
1d14a	MS/Triangle Notehead L White	So	0	L	
1d14b	MS/Triangle Notehead L Black	So	0	L	
1d14c	MS/Triangle Notehead R White	So	0	L	
1d14d	MS/Triangle Notehead R Black	So	0	L	
1d14e	MS/Triangle Notehead Down White	So	0	L	
1d14f	MS/Triangle Notehead Down Black	So	0	L	
1d150	MS/Triangle Notehead Up R White	So	0	L	
1d151	MS/Triangle Notehead Up R Black	So	0	L	
1d152	MS/Moon Notehead White	So	0	L	
1d153	MS/Moon Notehead Black	So	0	L	
1d154	MS/Triangle-Round Notehead Down White	So	0	L	
1d155	MS/Triangle-Round Notehead Down Black	So	0	L	
1d156	MS/Parenthesis Notehead	So	0	L	
1d157	MS/Void Notehead	So	0	L	
1d158	MS/Notehead Black	So	0	L	
1d159	MS/Null Notehead	So	0	L	
1d15a	MS/Cluster Notehead White	So	0	L	
1d15b	MS/Cluster Notehead Black	So	0	L	

1d15c	MS/Breve	So	0	L
1d15d	MS/Whole Note	So	0	L
1d15e	MS/Half Note	So	0	L
1d15f	MS/Quarter Note	So	0	L
1d160	MS/Eighth Note	So	0	L
1d161	MS/Sixteenth Note	So	0	L
1d162	MS/Thirty-Second Note	So	0	L
1d163	MS/Sixty-Fourth Note	So	0	L
1d164	MS/One Hundred Twenty-Eighth Note	So	0	L
1d165	MS/Combining Stem	Mc	216	L
1d166	MS/Combining Sprechgesang Stem	Mc	216	L
1d167	MS/Combining Tremolo-1	Mn	1	NSM
1d168	MS/Combining Tremolo-2	Mn	1	NSM
1d169	MS/Combining Tremolo-3	Mn	1	NSM
1d16a	MS/Fingered Tremolo-1	So	0	L
1d16b	MS/Fingered Tremolo-2	So	0	L
1d16c	MS/Fingered Tremolo-3	So	0	L
1d16d	MS/Combining Augmentation Dot	Mc	226	L
1d16e	MS/Combining Flag-1	Mc	216	L
1d16f	MS/Combining Flag-2	Mc	216	L
1d170	MS/Combining Flag-3	Mc	216	L
1d171	MS/Combining Flag-4	Mc	216	L
1d172	MS/Combining Flag-5	Mc	216	L
1d173	MS/Begin Beam	Cf	0	BN
1d174	MS/End Beam	Cf	0	BN
1d175	MS/Begin Tie	Cf	0	BN
1d176	MS/End Tie	Cf	0	BN
1d177	MS/Begin Slur	Cf	0	BN
1d178	MS/End Slur	Cf	0	BN
1d179	MS/Begin Phrase	Cf	0	BN
1d17a	MS/End Phrase	Cf	0	BN
1d17b	MS/Combining Accent	Mn	220	NSM
1d17c	MS/Combining Staccato	Mn	220	NSM
1d17d	MS/Combining Tenuto	Mn	220	NSM
1d17e	MS/Combining Staccatissimo	Mn	220	NSM
1d17f	MS/Combining Marcato	Mn	220	NSM
1d180	MS/Combining Marcato-Staccato	Mn	220	NSM
1d181	MS/Combining Accent-Staccato	Mn	220	NSM
1d182	MS/Combining Loure	Mn	220	NSM
1d183	MS/Arpeggiato Up	So	0	L
1d184	MS/Arpeggiato Down	So	0	L
1d185	MS/Combining Doit	Mn	230	NSM
1d186	MS/Combining Rip	Mn	230	NSM
1d187	MS/Combining Flip	Mn	230	NSM
1d188	MS/Combining Smear	Mn	230	NSM
1d189	MS/Combining Bend	Mn	230	NSM
1d18a	MS/Combining Double Tongue	Mn	220	NSM
1d18b	MS/Combining Triple Tongue	Mn	220	NSM
1d18c	MS/Rinforzando	So	0	L
1d18d	MS/Subito	So	0	L
1d18e	MS/Z	So	0	L
1d18f	MS/Piano	So	0	L
1d190	MS/Mezzo	So	0	L
1d191	MS/Forte	So	0	L
1d192	MS/Crescendo	So	0	L
1d193	MS/Decrescendo	So	0	L
1d194	MS/Grace Note Slash	So	0	L
1d195	MS/Grace Note No Slash	So	0	L
1d196	MS/Tr	So	0	L
1d197	MS/Turn	So	0	L
1d198	MS/Inverted Turn	So	0	L
1d199	MS/Turn Slash	So	0	L
1d19a	MS/Turn Up	So	0	L
1d19b	MS/Ornament Stroke-1	So	0	L
1d19c	MS/Ornament Stroke-2	So	0	L
1d19d	MS/Ornament Stroke-3	So	0	L
1d19e	MS/Ornament Stroke-4	So	0	L
1d19f	MS/Ornament Stroke-5	So	0	L
1d1a0	MS/Ornament Stroke-6	So	0	L
1d1a1	MS/Ornament Stroke-7	So	0	L
1d1a2	MS/Ornament Stroke-8	So	0	L
1d1a3	MS/Ornament Stroke-9	So	0	L
1d1a4	MS/Ornament Stroke-10	So	0	L
1d1a5	MS/Ornament Stroke-11	So	0	L
1d1a6	MS/Hauptstimme	So	0	L
1d1a7	MS/Nebenstimme	So	0	L
1d1a8	MS/End of Stimme	So	0	L
1d1a9	MS/Degree Slash	So	0	L
1d1aa	MS/Combining Down Bow	Mn	230	NSM
1d1ab	MS/Combining Up Bow	Mn	230	NSM
1d1ac	MS/Combining Harmonic	Mn	230	NSM
1d1ad	MS/Combining Snap Pizzicato	Mn	230	NSM
1d1ae	MS/Pedal Mark	So	0	L
1d1af	MS/Pedal Up Mark	So	0	L
1d1b0	MS/Half Pedal Mark	So	0	L
1d1b1	MS/Glissando Up	So	0	L
1d1b2	MS/Glissando Down	So	0	L
1d1b3	MS/w Fingernails	So	0	L
1d1b4	MS/Damp	So	0	L
1d1b5	MS/Damp All	So	0	L
1d1b6	MS/Maxima	So	0	L
1d1b7	MS/Longa	So	0	L
1d1b8	MS/Brevis	So	0	L
1d1b9	MS/Semibrevis White	So	0	L
1d1ba	MS/Semibrevis Black	So	0	L
1d1bb	MS/Minima	So	0	L
1d1bc	MS/Minima Black	So	0	L
1d1bd	MS/Semiminima White	So	0	L
1d1be	MS/Semiminima Black	So	0	L
1d1bf	MS/Fusa White	So	0	L
1d1c0	MS/Fusa Black	So	0	L
1d1c1	MS/Longa Perfecta Rest	So	0	L
1d1c2	MS/Longa Imperfecta Rest	So	0	L
1d1c3	MS/Brevis Rest	So	0	L

1d1c4	MS/Semibrevis Rest	So	0	L
1d1c5	MS/Minima Rest	So	0	L
1d1c6	MS/Semiminima Rest	So	0	L
1d1c7	MS/Tempus Perfectum Cum Prolatione Perfecta	So	0	L
1d1c8	MS/Tempus Perfectum Cum Prolatione Imperfecta	So	0	L
1d1c9	MS/Tempus Perfectum Cum Prolatione Perfecta Dimin-1	So	0	L
1d1ca	MS/Tempus Imperfectum Cum Prolatione Perfecta	So	0	L
1d1cb	MS/Tempus Imperfectum Cum Prolatione Imperfecta	So	0	L
1d1cc	MS/Tempus Imperfectum Cum Prolatione Imperfecta Dim-1	So	0	L
1d1cd	MS/Tempus Imperfectum Cum Prolatione Imperfecta Dim-2	So	0	L
1d1ce	MS/Tempus Imperfectum Cum Prolatione Imperfecta Dim-3	So	0	L
1d1cf	MS/Croix	So	0	L
1d1d0	MS/Gregorian C Clef	So	0	L
1d1d1	MS/Gregorian F Clef	So	0	L
1d1d2	MS/Square B	So	0	L
1d1d3	MS/Virga	So	0	L
1d1d4	MS/Podatus	So	0	L
1d1d5	MS/Clivis	So	0	L
1d1d6	MS/Scandicus	So	0	L
1d1d7	MS/Climacus	So	0	L
1d1d8	MS/Torculus	So	0	L
1d1d9	MS/Porrectus	So	0	L
1d1da	MS/Porrectus Flexus	So	0	L
1d1db	MS/Scandicus Flexus	So	0	L
1d1dc	MS/Torculus Resupinus	So	0	L
1d1dd	MS/Pes Subpunctis	So	0	L

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Mathematical Alphanumeric Symbols (1D400 to 1D7FF)

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M/ = Mathematical Alphanumeric

Hex	Character	Gen	Cmb	Bid	Map
1d400	M/Bold Capital A	Lu	0	L	F
1d401	M/Bold Capital B	Lu	0	L	F
1d402	M/Bold Capital C	Lu	0	L	F
1d403	M/Bold Capital D	Lu	0	L	F
1d404	M/Bold Capital E	Lu	0	L	F
1d405	M/Bold Capital F	Lu	0	L	F
1d406	M/Bold Capital G	Lu	0	L	F
1d407	M/Bold Capital H	Lu	0	L	F
1d408	M/Bold Capital I	Lu	0	L	F
1d409	M/Bold Capital J	Lu	0	L	F
1d40a	M/Bold Capital K	Lu	0	L	F
1d40b	M/Bold Capital L	Lu	0	L	F
1d40c	M/Bold Capital M	Lu	0	L	F
1d40d	M/Bold Capital N	Lu	0	L	F
1d40e	M/Bold Capital O	Lu	0	L	F
1d40f	M/Bold Capital P	Lu	0	L	F
1d410	M/Bold Capital Q	Lu	0	L	F
1d411	M/Bold Capital R	Lu	0	L	F
1d412	M/Bold Capital S	Lu	0	L	F
1d413	M/Bold Capital T	Lu	0	L	F
1d414	M/Bold Capital U	Lu	0	L	F
1d415	M/Bold Capital V	Lu	0	L	F
1d416	M/Bold Capital W	Lu	0	L	F
1d417	M/Bold Capital X	Lu	0	L	F
1d418	M/Bold Capital Y	Lu	0	L	F
1d419	M/Bold Capital Z	Lu	0	L	F
1d41a	M/Bold Small A	Ll	0	L	F
1d41b	M/Bold Small B	Ll	0	L	F
1d41c	M/Bold Small C	Ll	0	L	F
1d41d	M/Bold Small D	Ll	0	L	F
1d41e	M/Bold Small E	Ll	0	L	F
1d41f	M/Bold Small F	Ll	0	L	F
1d420	M/Bold Small G	Ll	0	L	F
1d421	M/Bold Small H	Ll	0	L	F
1d422	M/Bold Small I	Ll	0	L	F
1d423	M/Bold Small J	Ll	0	L	F
1d424	M/Bold Small K	Ll	0	L	F
1d425	M/Bold Small L	Ll	0	L	F
1d426	M/Bold Small M	Ll	0	L	F
1d427	M/Bold Small N	Ll	0	L	F
1d428	M/Bold Small O	Ll	0	L	F
1d429	M/Bold Small P	Ll	0	L	F
1d42a	M/Bold Small Q	Ll	0	L	F
1d42b	M/Bold Small R	Ll	0	L	F
1d42c	M/Bold Small S	Ll	0	L	F
1d42d	M/Bold Small T	Ll	0	L	F
1d42e	M/Bold Small U	Ll	0	L	F
1d42f	M/Bold Small V	Ll	0	L	F
1d430	M/Bold Small W	Ll	0	L	F
1d431	M/Bold Small X	Ll	0	L	F
1d432	M/Bold Small Y	Ll	0	L	F
1d433	M/Bold Small Z	Ll	0	L	F
1d434	M/Italic Capital A	Lu	0	L	F
1d435	M/Italic Capital B	Lu	0	L	F
1d436	M/Italic Capital C	Lu	0	L	F
1d437	M/Italic Capital D	Lu	0	L	F
1d438	M/Italic Capital E	Lu	0	L	F
1d439	M/Italic Capital F	Lu	0	L	F
1d43a	M/Italic Capital G	Lu	0	L	F
1d43b	M/Italic Capital H	Lu	0	L	F
1d43c	M/Italic Capital I	Lu	0	L	F
1d43d	M/Italic Capital J	Lu	0	L	F
1d43e	M/Italic Capital K	Lu	0	L	F
1d43f	M/Italic Capital L	Lu	0	L	F
1d440	M/Italic Capital M	Lu	0	L	F
1d441	M/Italic Capital N	Lu	0	L	F
1d442	M/Italic Capital O	Lu	0	L	F
1d443	M/Italic Capital P	Lu	0	L	F
1d444	M/Italic Capital Q	Lu	0	L	F

1d445	M/Italic	Capital R	Lu	0	L	F
1d446	M/Italic	Capital S	Lu	0	L	F
1d447	M/Italic	Capital T	Lu	0	L	F
1d448	M/Italic	Capital U	Lu	0	L	F
1d449	M/Italic	Capital V	Lu	0	L	F
1d44a	M/Italic	Capital W	Lu	0	L	F
1d44b	M/Italic	Capital X	Lu	0	L	F
1d44c	M/Italic	Capital Y	Lu	0	L	F
1d44d	M/Italic	Capital Z	Lu	0	L	F
1d44e	M/Italic	Small A	Ll	0	L	F
1d44f	M/Italic	Small B	Ll	0	L	F
1d450	M/Italic	Small C	Ll	0	L	F
1d451	M/Italic	Small D	Ll	0	L	F
1d452	M/Italic	Small E	Ll	0	L	F
1d453	M/Italic	Small F	Ll	0	L	F
1d454	M/Italic	Small G	Ll	0	L	F
1d456	M/Italic	Small I	Ll	0	L	F
1d457	M/Italic	Small J	Ll	0	L	F
1d458	M/Italic	Small K	Ll	0	L	F
1d459	M/Italic	Small L	Ll	0	L	F
1d45a	M/Italic	Small M	Ll	0	L	F
1d45b	M/Italic	Small N	Ll	0	L	F
1d45c	M/Italic	Small O	Ll	0	L	F
1d45d	M/Italic	Small P	Ll	0	L	F
1d45e	M/Italic	Small Q	Ll	0	L	F
1d45f	M/Italic	Small R	Ll	0	L	F
1d460	M/Italic	Small S	Ll	0	L	F
1d461	M/Italic	Small T	Ll	0	L	F
1d462	M/Italic	Small U	Ll	0	L	F
1d463	M/Italic	Small V	Ll	0	L	F
1d464	M/Italic	Small W	Ll	0	L	F
1d465	M/Italic	Small X	Ll	0	L	F
1d466	M/Italic	Small Y	Ll	0	L	F
1d467	M/Italic	Small Z	Ll	0	L	F
1d468	M/Bold Italic	Capital A	Lu	0	L	F
1d469	M/Bold Italic	Capital B	Lu	0	L	F
1d46a	M/Bold Italic	Capital C	Lu	0	L	F
1d46b	M/Bold Italic	Capital D	Lu	0	L	F
1d46c	M/Bold Italic	Capital E	Lu	0	L	F
1d46d	M/Bold Italic	Capital F	Lu	0	L	F
1d46e	M/Bold Italic	Capital G	Lu	0	L	F
1d46f	M/Bold Italic	Capital H	Lu	0	L	F
1d470	M/Bold Italic	Capital I	Lu	0	L	F
1d471	M/Bold Italic	Capital J	Lu	0	L	F
1d472	M/Bold Italic	Capital K	Lu	0	L	F
1d473	M/Bold Italic	Capital L	Lu	0	L	F
1d474	M/Bold Italic	Capital M	Lu	0	L	F
1d475	M/Bold Italic	Capital N	Lu	0	L	F
1d476	M/Bold Italic	Capital O	Lu	0	L	F
1d477	M/Bold Italic	Capital P	Lu	0	L	F
1d478	M/Bold Italic	Capital Q	Lu	0	L	F
1d479	M/Bold Italic	Capital R	Lu	0	L	F
1d47a	M/Bold Italic	Capital S	Lu	0	L	F
1d47b	M/Bold Italic	Capital T	Lu	0	L	F
1d47c	M/Bold Italic	Capital U	Lu	0	L	F
1d47d	M/Bold Italic	Capital V	Lu	0	L	F
1d47e	M/Bold Italic	Capital W	Lu	0	L	F
1d47f	M/Bold Italic	Capital X	Lu	0	L	F
1d480	M/Bold Italic	Capital Y	Lu	0	L	F
1d481	M/Bold Italic	Capital Z	Lu	0	L	F
1d482	M/Bold Italic	Small A	Ll	0	L	F
1d483	M/Bold Italic	Small B	Ll	0	L	F
1d484	M/Bold Italic	Small C	Ll	0	L	F
1d485	M/Bold Italic	Small D	Ll	0	L	F
1d486	M/Bold Italic	Small E	Ll	0	L	F
1d487	M/Bold Italic	Small F	Ll	0	L	F
1d488	M/Bold Italic	Small G	Ll	0	L	F
1d489	M/Bold Italic	Small H	Ll	0	L	F
1d48a	M/Bold Italic	Small I	Ll	0	L	F
1d48b	M/Bold Italic	Small J	Ll	0	L	F
1d48c	M/Bold Italic	Small K	Ll	0	L	F
1d48d	M/Bold Italic	Small L	Ll	0	L	F
1d48e	M/Bold Italic	Small M	Ll	0	L	F
1d48f	M/Bold Italic	Small N	Ll	0	L	F
1d490	M/Bold Italic	Small O	Ll	0	L	F
1d491	M/Bold Italic	Small P	Ll	0	L	F
1d492	M/Bold Italic	Small Q	Ll	0	L	F
1d493	M/Bold Italic	Small R	Ll	0	L	F
1d494	M/Bold Italic	Small S	Ll	0	L	F
1d495	M/Bold Italic	Small T	Ll	0	L	F
1d496	M/Bold Italic	Small U	Ll	0	L	F
1d497	M/Bold Italic	Small V	Ll	0	L	F
1d498	M/Bold Italic	Small W	Ll	0	L	F
1d499	M/Bold Italic	Small X	Ll	0	L	F
1d49a	M/Bold Italic	Small Y	Ll	0	L	F
1d49b	M/Bold Italic	Small Z	Ll	0	L	F
1d49c	M/Script	Capital A	Lu	0	L	F
1d49e	M/Script	Capital C	Lu	0	L	F
1d49f	M/Script	Capital D	Lu	0	L	F
1d4a2	M/Script	Capital G	Lu	0	L	F
1d4a5	M/Script	Capital J	Lu	0	L	F
1d4a6	M/Script	Capital K	Lu	0	L	F
1d4a9	M/Script	Capital N	Lu	0	L	F
1d4aa	M/Script	Capital O	Lu	0	L	F
1d4ab	M/Script	Capital P	Lu	0	L	F
1d4ac	M/Script	Capital Q	Lu	0	L	F
1d4ae	M/Script	Capital S	Lu	0	L	F
1d4af	M/Script	Capital T	Lu	0	L	F
1d4b0	M/Script	Capital U	Lu	0	L	F
1d4b1	M/Script	Capital V	Lu	0	L	F
1d4b2	M/Script	Capital W	Lu	0	L	F
1d4b3	M/Script	Capital X	Lu	0	L	F
1d4b4	M/Script	Capital Y	Lu	0	L	F
1d4b5	M/Script	Capital Z	Lu	0	L	F

1d4b6	M/Script	Small	A	Ll	0	L	F
1d4b7	M/Script	Small	B	Ll	0	L	F
1d4b8	M/Script	Small	C	Ll	0	L	F
1d4b9	M/Script	Small	D	Ll	0	L	F
1d4bb	M/Script	Small	F	Ll	0	L	F
1d4bd	M/Script	Small	H	Ll	0	L	F
1d4be	M/Script	Small	I	Ll	0	L	F
1d4bf	M/Script	Small	J	Ll	0	L	F
1d4c0	M/Script	Small	K	Ll	0	L	F
1d4c2	M/Script	Small	M	Ll	0	L	F
1d4c3	M/Script	Small	N	Ll	0	L	F
1d4c5	M/Script	Small	P	Ll	0	L	F
1d4c6	M/Script	Small	Q	Ll	0	L	F
1d4c7	M/Script	Small	R	Ll	0	L	F
1d4c8	M/Script	Small	S	Ll	0	L	F
1d4c9	M/Script	Small	T	Ll	0	L	F
1d4ca	M/Script	Small	U	Ll	0	L	F
1d4cb	M/Script	Small	V	Ll	0	L	F
1d4cc	M/Script	Small	W	Ll	0	L	F
1d4cd	M/Script	Small	X	Ll	0	L	F
1d4ce	M/Script	Small	Y	Ll	0	L	F
1d4cf	M/Script	Small	Z	Ll	0	L	F
1d4d0	M/Bold	Script	Capital	Lu	0	L	F
1d4d1	M/Bold	Script	Capital	Lu	0	L	F
1d4d2	M/Bold	Script	Capital	Lu	0	L	F
1d4d3	M/Bold	Script	Capital	Lu	0	L	F
1d4d4	M/Bold	Script	Capital	Lu	0	L	F
1d4d5	M/Bold	Script	Capital	Lu	0	L	F
1d4d6	M/Bold	Script	Capital	Lu	0	L	F
1d4d7	M/Bold	Script	Capital	Lu	0	L	F
1d4d8	M/Bold	Script	Capital	Lu	0	L	F
1d4d9	M/Bold	Script	Capital	Lu	0	L	F
1d4da	M/Bold	Script	Capital	Lu	0	L	F
1d4db	M/Bold	Script	Capital	Lu	0	L	F
1d4dc	M/Bold	Script	Capital	Lu	0	L	F
1d4dd	M/Bold	Script	Capital	Lu	0	L	F
1d4de	M/Bold	Script	Capital	Lu	0	L	F
1d4df	M/Bold	Script	Capital	Lu	0	L	F
1d4e0	M/Bold	Script	Capital	Lu	0	L	F
1d4e1	M/Bold	Script	Capital	Lu	0	L	F
1d4e2	M/Bold	Script	Capital	Lu	0	L	F
1d4e3	M/Bold	Script	Capital	Lu	0	L	F
1d4e4	M/Bold	Script	Capital	Lu	0	L	F
1d4e5	M/Bold	Script	Capital	Lu	0	L	F
1d4e6	M/Bold	Script	Capital	Lu	0	L	F
1d4e7	M/Bold	Script	Capital	Lu	0	L	F
1d4e8	M/Bold	Script	Capital	Lu	0	L	F
1d4e9	M/Bold	Script	Capital	Lu	0	L	F
1d4ea	M/Bold	Script	Small	Ll	0	L	F
1d4eb	M/Bold	Script	Small	Ll	0	L	F
1d4ec	M/Bold	Script	Small	Ll	0	L	F
1d4ed	M/Bold	Script	Small	Ll	0	L	F
1d4ee	M/Bold	Script	Small	Ll	0	L	F
1d4ef	M/Bold	Script	Small	Ll	0	L	F
1d4f0	M/Bold	Script	Small	Ll	0	L	F
1d4f1	M/Bold	Script	Small	Ll	0	L	F
1d4f2	M/Bold	Script	Small	Ll	0	L	F
1d4f3	M/Bold	Script	Small	Ll	0	L	F
1d4f4	M/Bold	Script	Small	Ll	0	L	F
1d4f5	M/Bold	Script	Small	Ll	0	L	F
1d4f6	M/Bold	Script	Small	Ll	0	L	F
1d4f7	M/Bold	Script	Small	Ll	0	L	F
1d4f8	M/Bold	Script	Small	Ll	0	L	F
1d4f9	M/Bold	Script	Small	Ll	0	L	F
1d4fa	M/Bold	Script	Small	Ll	0	L	F
1d4fb	M/Bold	Script	Small	Ll	0	L	F
1d4fc	M/Bold	Script	Small	Ll	0	L	F
1d4fd	M/Bold	Script	Small	Ll	0	L	F
1d4fe	M/Bold	Script	Small	Ll	0	L	F
1d4ff	M/Bold	Script	Small	Ll	0	L	F
1d500	M/Bold	Script	Small	Ll	0	L	F
1d501	M/Bold	Script	Small	Ll	0	L	F
1d502	M/Bold	Script	Small	Ll	0	L	F
1d503	M/Bold	Script	Small	Ll	0	L	F
1d504	M/Fraktur	Capital	A	Lu	0	L	F
1d505	M/Fraktur	Capital	B	Lu	0	L	F
1d507	M/Fraktur	Capital	D	Lu	0	L	F
1d508	M/Fraktur	Capital	E	Lu	0	L	F
1d509	M/Fraktur	Capital	F	Lu	0	L	F
1d50a	M/Fraktur	Capital	G	Lu	0	L	F
1d50d	M/Fraktur	Capital	J	Lu	0	L	F
1d50e	M/Fraktur	Capital	K	Lu	0	L	F
1d50f	M/Fraktur	Capital	L	Lu	0	L	F
1d510	M/Fraktur	Capital	M	Lu	0	L	F
1d511	M/Fraktur	Capital	N	Lu	0	L	F
1d512	M/Fraktur	Capital	O	Lu	0	L	F
1d513	M/Fraktur	Capital	P	Lu	0	L	F
1d514	M/Fraktur	Capital	Q	Lu	0	L	F
1d516	M/Fraktur	Capital	S	Lu	0	L	F
1d517	M/Fraktur	Capital	T	Lu	0	L	F
1d518	M/Fraktur	Capital	U	Lu	0	L	F
1d519	M/Fraktur	Capital	V	Lu	0	L	F
1d51a	M/Fraktur	Capital	W	Lu	0	L	F
1d51b	M/Fraktur	Capital	X	Lu	0	L	F
1d51c	M/Fraktur	Capital	Y	Lu	0	L	F
1d51e	M/Fraktur	Small	A	Ll	0	L	F
1d51f	M/Fraktur	Small	B	Ll	0	L	F
1d520	M/Fraktur	Small	C	Ll	0	L	F
1d521	M/Fraktur	Small	D	Ll	0	L	F
1d522	M/Fraktur	Small	E	Ll	0	L	F
1d523	M/Fraktur	Small	F	Ll	0	L	F
1d524	M/Fraktur	Small	G	Ll	0	L	F
1d525	M/Fraktur	Small	H	Ll	0	L	F
1d526	M/Fraktur	Small	I	Ll	0	L	F

1d527	M/Fraktur	Small	J	Ll	0	L	F
1d528	M/Fraktur	Small	K	Ll	0	L	F
1d529	M/Fraktur	Small	L	Ll	0	L	F
1d52a	M/Fraktur	Small	M	Ll	0	L	F
1d52b	M/Fraktur	Small	N	Ll	0	L	F
1d52c	M/Fraktur	Small	O	Ll	0	L	F
1d52d	M/Fraktur	Small	P	Ll	0	L	F
1d52e	M/Fraktur	Small	Q	Ll	0	L	F
1d52f	M/Fraktur	Small	R	Ll	0	L	F
1d530	M/Fraktur	Small	S	Ll	0	L	F
1d531	M/Fraktur	Small	T	Ll	0	L	F
1d532	M/Fraktur	Small	U	Ll	0	L	F
1d533	M/Fraktur	Small	V	Ll	0	L	F
1d534	M/Fraktur	Small	W	Ll	0	L	F
1d535	M/Fraktur	Small	X	Ll	0	L	F
1d536	M/Fraktur	Small	Y	Ll	0	L	F
1d537	M/Fraktur	Small	Z	Ll	0	L	F
1d538	M/Double-Struck	Capital	A	Lu	0	L	F
1d539	M/Double-Struck	Capital	B	Lu	0	L	F
1d53b	M/Double-Struck	Capital	D	Lu	0	L	F
1d53c	M/Double-Struck	Capital	E	Lu	0	L	F
1d53d	M/Double-Struck	Capital	F	Lu	0	L	F
1d53e	M/Double-Struck	Capital	G	Lu	0	L	F
1d540	M/Double-Struck	Capital	I	Lu	0	L	F
1d541	M/Double-Struck	Capital	J	Lu	0	L	F
1d542	M/Double-Struck	Capital	K	Lu	0	L	F
1d543	M/Double-Struck	Capital	L	Lu	0	L	F
1d544	M/Double-Struck	Capital	M	Lu	0	L	F
1d546	M/Double-Struck	Capital	O	Lu	0	L	F
1d54a	M/Double-Struck	Capital	S	Lu	0	L	F
1d54b	M/Double-Struck	Capital	T	Lu	0	L	F
1d54c	M/Double-Struck	Capital	U	Lu	0	L	F
1d54d	M/Double-Struck	Capital	V	Lu	0	L	F
1d54e	M/Double-Struck	Capital	W	Lu	0	L	F
1d54f	M/Double-Struck	Capital	X	Lu	0	L	F
1d550	M/Double-Struck	Capital	Y	Lu	0	L	F
1d552	M/Double-Struck	Small	A	Ll	0	L	F
1d553	M/Double-Struck	Small	B	Ll	0	L	F
1d554	M/Double-Struck	Small	C	Ll	0	L	F
1d555	M/Double-Struck	Small	D	Ll	0	L	F
1d556	M/Double-Struck	Small	E	Ll	0	L	F
1d557	M/Double-Struck	Small	F	Ll	0	L	F
1d558	M/Double-Struck	Small	G	Ll	0	L	F
1d559	M/Double-Struck	Small	H	Ll	0	L	F
1d55a	M/Double-Struck	Small	I	Ll	0	L	F
1d55b	M/Double-Struck	Small	J	Ll	0	L	F
1d55c	M/Double-Struck	Small	K	Ll	0	L	F
1d55d	M/Double-Struck	Small	L	Ll	0	L	F
1d55e	M/Double-Struck	Small	M	Ll	0	L	F
1d55f	M/Double-Struck	Small	N	Ll	0	L	F
1d560	M/Double-Struck	Small	O	Ll	0	L	F
1d561	M/Double-Struck	Small	P	Ll	0	L	F
1d562	M/Double-Struck	Small	Q	Ll	0	L	F
1d563	M/Double-Struck	Small	R	Ll	0	L	F
1d564	M/Double-Struck	Small	S	Ll	0	L	F
1d565	M/Double-Struck	Small	T	Ll	0	L	F
1d566	M/Double-Struck	Small	U	Ll	0	L	F
1d567	M/Double-Struck	Small	V	Ll	0	L	F
1d568	M/Double-Struck	Small	W	Ll	0	L	F
1d569	M/Double-Struck	Small	X	Ll	0	L	F
1d56a	M/Double-Struck	Small	Y	Ll	0	L	F
1d56b	M/Double-Struck	Small	Z	Ll	0	L	F
1d56c	M/Bold Fraktur	Capital	A	Lu	0	L	F
1d56d	M/Bold Fraktur	Capital	B	Lu	0	L	F
1d56e	M/Bold Fraktur	Capital	C	Lu	0	L	F
1d56f	M/Bold Fraktur	Capital	D	Lu	0	L	F
1d570	M/Bold Fraktur	Capital	E	Lu	0	L	F
1d571	M/Bold Fraktur	Capital	F	Lu	0	L	F
1d572	M/Bold Fraktur	Capital	G	Lu	0	L	F
1d573	M/Bold Fraktur	Capital	H	Lu	0	L	F
1d574	M/Bold Fraktur	Capital	I	Lu	0	L	F
1d575	M/Bold Fraktur	Capital	J	Lu	0	L	F
1d576	M/Bold Fraktur	Capital	K	Lu	0	L	F
1d577	M/Bold Fraktur	Capital	L	Lu	0	L	F
1d578	M/Bold Fraktur	Capital	M	Lu	0	L	F
1d579	M/Bold Fraktur	Capital	N	Lu	0	L	F
1d57a	M/Bold Fraktur	Capital	O	Lu	0	L	F
1d57b	M/Bold Fraktur	Capital	P	Lu	0	L	F
1d57c	M/Bold Fraktur	Capital	Q	Lu	0	L	F
1d57d	M/Bold Fraktur	Capital	R	Lu	0	L	F
1d57e	M/Bold Fraktur	Capital	S	Lu	0	L	F
1d57f	M/Bold Fraktur	Capital	T	Lu	0	L	F
1d580	M/Bold Fraktur	Capital	U	Lu	0	L	F
1d581	M/Bold Fraktur	Capital	V	Lu	0	L	F
1d582	M/Bold Fraktur	Capital	W	Lu	0	L	F
1d583	M/Bold Fraktur	Capital	X	Lu	0	L	F
1d584	M/Bold Fraktur	Capital	Y	Lu	0	L	F
1d585	M/Bold Fraktur	Capital	Z	Lu	0	L	F
1d586	M/Bold Fraktur	Small	A	Ll	0	L	F
1d587	M/Bold Fraktur	Small	B	Ll	0	L	F
1d588	M/Bold Fraktur	Small	C	Ll	0	L	F
1d589	M/Bold Fraktur	Small	D	Ll	0	L	F
1d58a	M/Bold Fraktur	Small	E	Ll	0	L	F
1d58b	M/Bold Fraktur	Small	F	Ll	0	L	F
1d58c	M/Bold Fraktur	Small	G	Ll	0	L	F
1d58d	M/Bold Fraktur	Small	H	Ll	0	L	F
1d58e	M/Bold Fraktur	Small	I	Ll	0	L	F
1d58f	M/Bold Fraktur	Small	J	Ll	0	L	F
1d590	M/Bold Fraktur	Small	K	Ll	0	L	F
1d591	M/Bold Fraktur	Small	L	Ll	0	L	F
1d592	M/Bold Fraktur	Small	M	Ll	0	L	F
1d593	M/Bold Fraktur	Small	N	Ll	0	L	F
1d594	M/Bold Fraktur	Small	O	Ll	0	L	F
1d595	M/Bold Fraktur	Small	P	Ll	0	L	F

1d596	M/Bold	Fraktur	Small	Q	Ll	0	L	F
1d597	M/Bold	Fraktur	Small	R	Ll	0	L	F
1d598	M/Bold	Fraktur	Small	S	Ll	0	L	F
1d599	M/Bold	Fraktur	Small	T	Ll	0	L	F
1d59a	M/Bold	Fraktur	Small	U	Ll	0	L	F
1d59b	M/Bold	Fraktur	Small	V	Ll	0	L	F
1d59c	M/Bold	Fraktur	Small	W	Ll	0	L	F
1d59d	M/Bold	Fraktur	Small	X	Ll	0	L	F
1d59e	M/Bold	Fraktur	Small	Y	Ll	0	L	F
1d59f	M/Bold	Fraktur	Small	Z	Ll	0	L	F
1d5a0	M/Sans-Serif	Capital	A	Lu	0	L	F	F
1d5a1	M/Sans-Serif	Capital	B	Lu	0	L	F	F
1d5a2	M/Sans-Serif	Capital	C	Lu	0	L	F	F
1d5a3	M/Sans-Serif	Capital	D	Lu	0	L	F	F
1d5a4	M/Sans-Serif	Capital	E	Lu	0	L	F	F
1d5a5	M/Sans-Serif	Capital	F	Lu	0	L	F	F
1d5a6	M/Sans-Serif	Capital	G	Lu	0	L	F	F
1d5a7	M/Sans-Serif	Capital	H	Lu	0	L	F	F
1d5a8	M/Sans-Serif	Capital	I	Lu	0	L	F	F
1d5a9	M/Sans-Serif	Capital	J	Lu	0	L	F	F
1d5aa	M/Sans-Serif	Capital	K	Lu	0	L	F	F
1d5ab	M/Sans-Serif	Capital	L	Lu	0	L	F	F
1d5ac	M/Sans-Serif	Capital	M	Lu	0	L	F	F
1d5ad	M/Sans-Serif	Capital	N	Lu	0	L	F	F
1d5ae	M/Sans-Serif	Capital	O	Lu	0	L	F	F
1d5af	M/Sans-Serif	Capital	P	Lu	0	L	F	F
1d5b0	M/Sans-Serif	Capital	Q	Lu	0	L	F	F
1d5b1	M/Sans-Serif	Capital	R	Lu	0	L	F	F
1d5b2	M/Sans-Serif	Capital	S	Lu	0	L	F	F
1d5b3	M/Sans-Serif	Capital	T	Lu	0	L	F	F
1d5b4	M/Sans-Serif	Capital	U	Lu	0	L	F	F
1d5b5	M/Sans-Serif	Capital	V	Lu	0	L	F	F
1d5b6	M/Sans-Serif	Capital	W	Lu	0	L	F	F
1d5b7	M/Sans-Serif	Capital	X	Lu	0	L	F	F
1d5b8	M/Sans-Serif	Capital	Y	Lu	0	L	F	F
1d5b9	M/Sans-Serif	Capital	Z	Lu	0	L	F	F
1d5ba	M/Sans-Serif	Small	A	Ll	0	L	F	F
1d5bb	M/Sans-Serif	Small	B	Ll	0	L	F	F
1d5bc	M/Sans-Serif	Small	C	Ll	0	L	F	F
1d5bd	M/Sans-Serif	Small	D	Ll	0	L	F	F
1d5be	M/Sans-Serif	Small	E	Ll	0	L	F	F
1d5bf	M/Sans-Serif	Small	F	Ll	0	L	F	F
1d5c0	M/Sans-Serif	Small	G	Ll	0	L	F	F
1d5c1	M/Sans-Serif	Small	H	Ll	0	L	F	F
1d5c2	M/Sans-Serif	Small	I	Ll	0	L	F	F
1d5c3	M/Sans-Serif	Small	J	Ll	0	L	F	F
1d5c4	M/Sans-Serif	Small	K	Ll	0	L	F	F
1d5c5	M/Sans-Serif	Small	L	Ll	0	L	F	F
1d5c6	M/Sans-Serif	Small	M	Ll	0	L	F	F
1d5c7	M/Sans-Serif	Small	N	Ll	0	L	F	F
1d5c8	M/Sans-Serif	Small	O	Ll	0	L	F	F
1d5c9	M/Sans-Serif	Small	P	Ll	0	L	F	F
1d5ca	M/Sans-Serif	Small	Q	Ll	0	L	F	F
1d5cb	M/Sans-Serif	Small	R	Ll	0	L	F	F
1d5cc	M/Sans-Serif	Small	S	Ll	0	L	F	F
1d5cd	M/Sans-Serif	Small	T	Ll	0	L	F	F
1d5ce	M/Sans-Serif	Small	U	Ll	0	L	F	F
1d5cf	M/Sans-Serif	Small	V	Ll	0	L	F	F
1d5d0	M/Sans-Serif	Small	W	Ll	0	L	F	F
1d5d1	M/Sans-Serif	Small	X	Ll	0	L	F	F
1d5d2	M/Sans-Serif	Small	Y	Ll	0	L	F	F
1d5d3	M/Sans-Serif	Small	Z	Ll	0	L	F	F
1d5d4	M/Sans-Serif	Bold	Capital	A	Lu	0	L	F
1d5d5	M/Sans-Serif	Bold	Capital	B	Lu	0	L	F
1d5d6	M/Sans-Serif	Bold	Capital	C	Lu	0	L	F
1d5d7	M/Sans-Serif	Bold	Capital	D	Lu	0	L	F
1d5d8	M/Sans-Serif	Bold	Capital	E	Lu	0	L	F
1d5d9	M/Sans-Serif	Bold	Capital	F	Lu	0	L	F
1d5da	M/Sans-Serif	Bold	Capital	G	Lu	0	L	F
1d5db	M/Sans-Serif	Bold	Capital	H	Lu	0	L	F
1d5dc	M/Sans-Serif	Bold	Capital	I	Lu	0	L	F
1d5dd	M/Sans-Serif	Bold	Capital	J	Lu	0	L	F
1d5de	M/Sans-Serif	Bold	Capital	K	Lu	0	L	F
1d5df	M/Sans-Serif	Bold	Capital	L	Lu	0	L	F
1d5e0	M/Sans-Serif	Bold	Capital	M	Lu	0	L	F
1d5e1	M/Sans-Serif	Bold	Capital	N	Lu	0	L	F
1d5e2	M/Sans-Serif	Bold	Capital	O	Lu	0	L	F
1d5e3	M/Sans-Serif	Bold	Capital	P	Lu	0	L	F
1d5e4	M/Sans-Serif	Bold	Capital	Q	Lu	0	L	F
1d5e5	M/Sans-Serif	Bold	Capital	R	Lu	0	L	F
1d5e6	M/Sans-Serif	Bold	Capital	S	Lu	0	L	F
1d5e7	M/Sans-Serif	Bold	Capital	T	Lu	0	L	F
1d5e8	M/Sans-Serif	Bold	Capital	U	Lu	0	L	F
1d5e9	M/Sans-Serif	Bold	Capital	V	Lu	0	L	F
1d5ea	M/Sans-Serif	Bold	Capital	W	Lu	0	L	F
1d5eb	M/Sans-Serif	Bold	Capital	X	Lu	0	L	F
1d5ec	M/Sans-Serif	Bold	Capital	Y	Lu	0	L	F
1d5ed	M/Sans-Serif	Bold	Capital	Z	Lu	0	L	F
1d5ee	M/Sans-Serif	Bold	Small	A	Ll	0	L	F
1d5ef	M/Sans-Serif	Bold	Small	B	Ll	0	L	F
1d5f0	M/Sans-Serif	Bold	Small	C	Ll	0	L	F
1d5f1	M/Sans-Serif	Bold	Small	D	Ll	0	L	F
1d5f2	M/Sans-Serif	Bold	Small	E	Ll	0	L	F
1d5f3	M/Sans-Serif	Bold	Small	F	Ll	0	L	F
1d5f4	M/Sans-Serif	Bold	Small	G	Ll	0	L	F
1d5f5	M/Sans-Serif	Bold	Small	H	Ll	0	L	F
1d5f6	M/Sans-Serif	Bold	Small	I	Ll	0	L	F
1d5f7	M/Sans-Serif	Bold	Small	J	Ll	0	L	F
1d5f8	M/Sans-Serif	Bold	Small	K	Ll	0	L	F
1d5f9	M/Sans-Serif	Bold	Small	L	Ll	0	L	F
1d5fa	M/Sans-Serif	Bold	Small	M	Ll	0	L	F
1d5fb	M/Sans-Serif	Bold	Small	N	Ll	0	L	F
1d5fc	M/Sans-Serif	Bold	Small	O	Ll	0	L	F
1d5fd	M/Sans-Serif	Bold	Small	P	Ll	0	L	F

1d666	M/Sans-Serif	Bold	Italic	Small	Q	Ll	0	L	F
1d667	M/Sans-Serif	Bold	Italic	Small	R	Ll	0	L	F
1d668	M/Sans-Serif	Bold	Italic	Small	S	Ll	0	L	F
1d669	M/Sans-Serif	Bold	Italic	Small	T	Ll	0	L	F
1d66a	M/Sans-Serif	Bold	Italic	Small	U	Ll	0	L	F
1d66b	M/Sans-Serif	Bold	Italic	Small	V	Ll	0	L	F
1d66c	M/Sans-Serif	Bold	Italic	Small	W	Ll	0	L	F
1d66d	M/Sans-Serif	Bold	Italic	Small	X	Ll	0	L	F
1d66e	M/Sans-Serif	Bold	Italic	Small	Y	Ll	0	L	F
1d66f	M/Sans-Serif	Bold	Italic	Small	Z	Ll	0	L	F
1d670	M/Monospace	Capital	A			Lu	0	L	F
1d671	M/Monospace	Capital	B			Lu	0	L	F
1d672	M/Monospace	Capital	C			Lu	0	L	F
1d673	M/Monospace	Capital	D			Lu	0	L	F
1d674	M/Monospace	Capital	E			Lu	0	L	F
1d675	M/Monospace	Capital	F			Lu	0	L	F
1d676	M/Monospace	Capital	G			Lu	0	L	F
1d677	M/Monospace	Capital	H			Lu	0	L	F
1d678	M/Monospace	Capital	I			Lu	0	L	F
1d679	M/Monospace	Capital	J			Lu	0	L	F
1d67a	M/Monospace	Capital	K			Lu	0	L	F
1d67b	M/Monospace	Capital	L			Lu	0	L	F
1d67c	M/Monospace	Capital	M			Lu	0	L	F
1d67d	M/Monospace	Capital	N			Lu	0	L	F
1d67e	M/Monospace	Capital	O			Lu	0	L	F
1d67f	M/Monospace	Capital	P			Lu	0	L	F
1d680	M/Monospace	Capital	Q			Lu	0	L	F
1d681	M/Monospace	Capital	R			Lu	0	L	F
1d682	M/Monospace	Capital	S			Lu	0	L	F
1d683	M/Monospace	Capital	T			Lu	0	L	F
1d684	M/Monospace	Capital	U			Lu	0	L	F
1d685	M/Monospace	Capital	V			Lu	0	L	F
1d686	M/Monospace	Capital	W			Lu	0	L	F
1d687	M/Monospace	Capital	X			Lu	0	L	F
1d688	M/Monospace	Capital	Y			Lu	0	L	F
1d689	M/Monospace	Capital	Z			Lu	0	L	F
1d68a	M/Monospace	Small	A			Ll	0	L	F
1d68b	M/Monospace	Small	B			Ll	0	L	F
1d68c	M/Monospace	Small	C			Ll	0	L	F
1d68d	M/Monospace	Small	D			Ll	0	L	F
1d68e	M/Monospace	Small	E			Ll	0	L	F
1d68f	M/Monospace	Small	F			Ll	0	L	F
1d690	M/Monospace	Small	G			Ll	0	L	F
1d691	M/Monospace	Small	H			Ll	0	L	F
1d692	M/Monospace	Small	I			Ll	0	L	F
1d693	M/Monospace	Small	J			Ll	0	L	F
1d694	M/Monospace	Small	K			Ll	0	L	F
1d695	M/Monospace	Small	L			Ll	0	L	F
1d696	M/Monospace	Small	M			Ll	0	L	F
1d697	M/Monospace	Small	N			Ll	0	L	F
1d698	M/Monospace	Small	O			Ll	0	L	F
1d699	M/Monospace	Small	P			Ll	0	L	F
1d69a	M/Monospace	Small	Q			Ll	0	L	F
1d69b	M/Monospace	Small	R			Ll	0	L	F
1d69c	M/Monospace	Small	S			Ll	0	L	F
1d69d	M/Monospace	Small	T			Ll	0	L	F
1d69e	M/Monospace	Small	U			Ll	0	L	F
1d69f	M/Monospace	Small	V			Ll	0	L	F
1d6a0	M/Monospace	Small	W			Ll	0	L	F
1d6a1	M/Monospace	Small	X			Ll	0	L	F
1d6a2	M/Monospace	Small	Y			Ll	0	L	F
1d6a3	M/Monospace	Small	Z			Ll	0	L	F
1d6a8	M/Bold	Capital	Alpha			Lu	0	L	F
1d6a9	M/Bold	Capital	Beta			Lu	0	L	F
1d6aa	M/Bold	Capital	Gamma			Lu	0	L	F
1d6ab	M/Bold	Capital	Delta			Lu	0	L	F
1d6ac	M/Bold	Capital	Epsilon			Lu	0	L	F
1d6ad	M/Bold	Capital	Zeta			Lu	0	L	F
1d6ae	M/Bold	Capital	Eta			Lu	0	L	F
1d6af	M/Bold	Capital	Theta			Lu	0	L	F
1d6b0	M/Bold	Capital	Iota			Lu	0	L	F
1d6b1	M/Bold	Capital	Kappa			Lu	0	L	F
1d6b2	M/Bold	Capital	Lambda			Lu	0	L	F
1d6b3	M/Bold	Capital	Mu			Lu	0	L	F
1d6b4	M/Bold	Capital	Nu			Lu	0	L	F
1d6b5	M/Bold	Capital	Xi			Lu	0	L	F
1d6b6	M/Bold	Capital	Omicron			Lu	0	L	F
1d6b7	M/Bold	Capital	Pi			Lu	0	L	F
1d6b8	M/Bold	Capital	Rho			Lu	0	L	F
1d6b9	M/Bold	Capital	Theta Symbol			Lu	0	L	F
1d6ba	M/Bold	Capital	Sigma			Lu	0	L	F
1d6bb	M/Bold	Capital	Tau			Lu	0	L	F
1d6bc	M/Bold	Capital	Upsilon			Lu	0	L	F
1d6bd	M/Bold	Capital	Phi			Lu	0	L	F
1d6be	M/Bold	Capital	Chi			Lu	0	L	F
1d6bf	M/Bold	Capital	Psi			Lu	0	L	F
1d6c0	M/Bold	Capital	Omega			Lu	0	L	F
1d6c1	M/Bold	Nabla				Sm	0	L	F
1d6c2	M/Bold	Small	Alpha			Ll	0	L	F
1d6c3	M/Bold	Small	Beta			Ll	0	L	F
1d6c4	M/Bold	Small	Gamma			Ll	0	L	F
1d6c5	M/Bold	Small	Delta			Ll	0	L	F
1d6c6	M/Bold	Small	Epsilon			Ll	0	L	F
1d6c7	M/Bold	Small	Zeta			Ll	0	L	F
1d6c8	M/Bold	Small	Eta			Ll	0	L	F
1d6c9	M/Bold	Small	Theta			Ll	0	L	F
1d6ca	M/Bold	Small	Iota			Ll	0	L	F
1d6cb	M/Bold	Small	Kappa			Ll	0	L	F
1d6cc	M/Bold	Small	Lambda			Ll	0	L	F
1d6cd	M/Bold	Small	Mu			Ll	0	L	F
1d6ce	M/Bold	Small	Nu			Ll	0	L	F
1d6cf	M/Bold	Small	Xi			Ll	0	L	F
1d6d0	M/Bold	Small	Omicron			Ll	0	L	F
1d6d1	M/Bold	Small	Pi			Ll	0	L	F

1d6d2	M/Bold Small Rho	Ll 0	L	F
1d6d3	M/Bold Small Final Sigma	Ll 0	L	F
1d6d4	M/Bold Small Sigma	Ll 0	L	F
1d6d5	M/Bold Small Tau	Ll 0	L	F
1d6d6	M/Bold Small Upsilon	Ll 0	L	F
1d6d7	M/Bold Small Phi	Ll 0	L	F
1d6d8	M/Bold Small Chi	Ll 0	L	F
1d6d9	M/Bold Small Psi	Ll 0	L	F
1d6da	M/Bold Small Omega	Ll 0	L	F
1d6db	M/Bold Partial Differential	Sm 0	L	F
1d6dc	M/Bold Epsilon Symbol	Ll 0	L	F
1d6dd	M/Bold Theta Symbol	Ll 0	L	F
1d6de	M/Bold Kappa Symbol	Ll 0	L	F
1d6df	M/Bold Phi Symbol	Ll 0	L	F
1d6e0	M/Bold Rho Symbol	Ll 0	L	F
1d6e1	M/Bold Pi Symbol	Ll 0	L	F
1d6e2	M/Italic Capital Alpha	Lu 0	L	F
1d6e3	M/Italic Capital Beta	Lu 0	L	F
1d6e4	M/Italic Capital Gamma	Lu 0	L	F
1d6e5	M/Italic Capital Delta	Lu 0	L	F
1d6e6	M/Italic Capital Epsilon	Lu 0	L	F
1d6e7	M/Italic Capital Zeta	Lu 0	L	F
1d6e8	M/Italic Capital Eta	Lu 0	L	F
1d6e9	M/Italic Capital Theta	Lu 0	L	F
1d6ea	M/Italic Capital Iota	Lu 0	L	F
1d6eb	M/Italic Capital Kappa	Lu 0	L	F
1d6ec	M/Italic Capital Lamda	Lu 0	L	F
1d6ed	M/Italic Capital Mu	Lu 0	L	F
1d6ee	M/Italic Capital Nu	Lu 0	L	F
1d6ef	M/Italic Capital Xi	Lu 0	L	F
1d6f0	M/Italic Capital Omicron	Lu 0	L	F
1d6f1	M/Italic Capital Pi	Lu 0	L	F
1d6f2	M/Italic Capital Rho	Lu 0	L	F
1d6f3	M/Italic Capital Theta Symbol	Lu 0	L	F
1d6f4	M/Italic Capital Sigma	Lu 0	L	F
1d6f5	M/Italic Capital Tau	Lu 0	L	F
1d6f6	M/Italic Capital Upsilon	Lu 0	L	F
1d6f7	M/Italic Capital Phi	Lu 0	L	F
1d6f8	M/Italic Capital Chi	Lu 0	L	F
1d6f9	M/Italic Capital Psi	Lu 0	L	F
1d6fa	M/Italic Capital Omega	Lu 0	L	F
1d6fb	M/Italic Nabla	Sm 0	L	F
1d6fc	M/Italic Small Alpha	Ll 0	L	F
1d6fd	M/Italic Small Beta	Ll 0	L	F
1d6fe	M/Italic Small Gamma	Ll 0	L	F
1d6ff	M/Italic Small Delta	Ll 0	L	F
1d700	M/Italic Small Epsilon	Ll 0	L	F
1d701	M/Italic Small Zeta	Ll 0	L	F
1d702	M/Italic Small Eta	Ll 0	L	F
1d703	M/Italic Small Theta	Ll 0	L	F
1d704	M/Italic Small Iota	Ll 0	L	F
1d705	M/Italic Small Kappa	Ll 0	L	F
1d706	M/Italic Small Lamda	Ll 0	L	F
1d707	M/Italic Small Mu	Ll 0	L	F
1d708	M/Italic Small Nu	Ll 0	L	F
1d709	M/Italic Small Xi	Ll 0	L	F
1d70a	M/Italic Small Omicron	Ll 0	L	F
1d70b	M/Italic Small Pi	Ll 0	L	F
1d70c	M/Italic Small Rho	Ll 0	L	F
1d70d	M/Italic Small Final Sigma	Ll 0	L	F
1d70e	M/Italic Small Sigma	Ll 0	L	F
1d70f	M/Italic Small Tau	Ll 0	L	F
1d710	M/Italic Small Upsilon	Ll 0	L	F
1d711	M/Italic Small Phi	Ll 0	L	F
1d712	M/Italic Small Chi	Ll 0	L	F
1d713	M/Italic Small Psi	Ll 0	L	F
1d714	M/Italic Small Omega	Ll 0	L	F
1d715	M/Italic Partial Differential	Sm 0	L	F
1d716	M/Italic Epsilon Symbol	Ll 0	L	F
1d717	M/Italic Theta Symbol	Ll 0	L	F
1d718	M/Italic Kappa Symbol	Ll 0	L	F
1d719	M/Italic Phi Symbol	Ll 0	L	F
1d71a	M/Italic Rho Symbol	Ll 0	L	F
1d71b	M/Italic Pi Symbol	Ll 0	L	F
1d71c	M/Bold Italic Capital Alpha	Lu 0	L	F
1d71d	M/Bold Italic Capital Beta	Lu 0	L	F
1d71e	M/Bold Italic Capital Gamma	Lu 0	L	F
1d71f	M/Bold Italic Capital Delta	Lu 0	L	F
1d720	M/Bold Italic Capital Epsilon	Lu 0	L	F
1d721	M/Bold Italic Capital Zeta	Lu 0	L	F
1d722	M/Bold Italic Capital Eta	Lu 0	L	F
1d723	M/Bold Italic Capital Theta	Lu 0	L	F
1d724	M/Bold Italic Capital Iota	Lu 0	L	F
1d725	M/Bold Italic Capital Kappa	Lu 0	L	F
1d726	M/Bold Italic Capital Lamda	Lu 0	L	F
1d727	M/Bold Italic Capital Mu	Lu 0	L	F
1d728	M/Bold Italic Capital Nu	Lu 0	L	F
1d729	M/Bold Italic Capital Xi	Lu 0	L	F
1d72a	M/Bold Italic Capital Omicron	Lu 0	L	F
1d72b	M/Bold Italic Capital Pi	Lu 0	L	F
1d72c	M/Bold Italic Capital Rho	Lu 0	L	F
1d72d	M/Bold Italic Capital Theta Symbol	Lu 0	L	F
1d72e	M/Bold Italic Capital Sigma	Lu 0	L	F
1d72f	M/Bold Italic Capital Tau	Lu 0	L	F
1d730	M/Bold Italic Capital Upsilon	Lu 0	L	F
1d731	M/Bold Italic Capital Phi	Lu 0	L	F
1d732	M/Bold Italic Capital Chi	Lu 0	L	F
1d733	M/Bold Italic Capital Psi	Lu 0	L	F
1d734	M/Bold Italic Capital Omega	Lu 0	L	F
1d735	M/Bold Italic Nabla	Sm 0	L	F
1d736	M/Bold Italic Small Alpha	Ll 0	L	F
1d737	M/Bold Italic Small Beta	Ll 0	L	F
1d738	M/Bold Italic Small Gamma	Ll 0	L	F
1d739	M/Bold Italic Small Delta	Ll 0	L	F

1d73a	M/Bold Italic Small Epsilon	Ll 0	L	F
1d73b	M/Bold Italic Small Zeta	Ll 0	L	F
1d73c	M/Bold Italic Small Eta	Ll 0	L	F
1d73d	M/Bold Italic Small Theta	Ll 0	L	F
1d73e	M/Bold Italic Small Iota	Ll 0	L	F
1d73f	M/Bold Italic Small Kappa	Ll 0	L	F
1d740	M/Bold Italic Small Lamda	Ll 0	L	F
1d741	M/Bold Italic Small Mu	Ll 0	L	F
1d742	M/Bold Italic Small Nu	Ll 0	L	F
1d743	M/Bold Italic Small Xi	Ll 0	L	F
1d744	M/Bold Italic Small Omicron	Ll 0	L	F
1d745	M/Bold Italic Small Pi	Ll 0	L	F
1d746	M/Bold Italic Small Rho	Ll 0	L	F
1d747	M/Bold Italic Small Final Sigma	Ll 0	L	F
1d748	M/Bold Italic Small Sigma	Ll 0	L	F
1d749	M/Bold Italic Small Tau	Ll 0	L	F
1d74a	M/Bold Italic Small Upsilon	Ll 0	L	F
1d74b	M/Bold Italic Small Phi	Ll 0	L	F
1d74c	M/Bold Italic Small Chi	Ll 0	L	F
1d74d	M/Bold Italic Small Psi	Ll 0	L	F
1d74e	M/Bold Italic Small Omega	Ll 0	L	F
1d74f	M/Bold Italic Partial Differential	Sm 0	L	F
1d750	M/Bold Italic Epsilon Symbol	Ll 0	L	F
1d751	M/Bold Italic Theta Symbol	Ll 0	L	F
1d752	M/Bold Italic Kappa Symbol	Ll 0	L	F
1d753	M/Bold Italic Phi Symbol	Ll 0	L	F
1d754	M/Bold Italic Rho Symbol	Ll 0	L	F
1d755	M/Bold Italic Pi Symbol	Ll 0	L	F
1d756	M/Sans-Serif Bold Capital Alpha	Lu 0	L	F
1d757	M/Sans-Serif Bold Capital Beta	Lu 0	L	F
1d758	M/Sans-Serif Bold Capital Gamma	Lu 0	L	F
1d759	M/Sans-Serif Bold Capital Delta	Lu 0	L	F
1d75a	M/Sans-Serif Bold Capital Epsilon	Lu 0	L	F
1d75b	M/Sans-Serif Bold Capital Zeta	Lu 0	L	F
1d75c	M/Sans-Serif Bold Capital Eta	Lu 0	L	F
1d75d	M/Sans-Serif Bold Capital Theta	Lu 0	L	F
1d75e	M/Sans-Serif Bold Capital Iota	Lu 0	L	F
1d75f	M/Sans-Serif Bold Capital Kappa	Lu 0	L	F
1d760	M/Sans-Serif Bold Capital Lamda	Lu 0	L	F
1d761	M/Sans-Serif Bold Capital Mu	Lu 0	L	F
1d762	M/Sans-Serif Bold Capital Nu	Lu 0	L	F
1d763	M/Sans-Serif Bold Capital Xi	Lu 0	L	F
1d764	M/Sans-Serif Bold Capital Omicron	Lu 0	L	F
1d765	M/Sans-Serif Bold Capital Pi	Lu 0	L	F
1d766	M/Sans-Serif Bold Capital Rho	Lu 0	L	F
1d767	M/Sans-Serif Bold Capital Theta Symbol	Lu 0	L	F
1d768	M/Sans-Serif Bold Capital Sigma	Lu 0	L	F
1d769	M/Sans-Serif Bold Capital Tau	Lu 0	L	F
1d76a	M/Sans-Serif Bold Capital Upsilon	Lu 0	L	F
1d76b	M/Sans-Serif Bold Capital Phi	Lu 0	L	F
1d76c	M/Sans-Serif Bold Capital Chi	Lu 0	L	F
1d76d	M/Sans-Serif Bold Capital Psi	Lu 0	L	F
1d76e	M/Sans-Serif Bold Capital Omega	Lu 0	L	F
1d76f	M/Sans-Serif Bold Nabla	Sm 0	L	F
1d770	M/Sans-Serif Bold Small Alpha	Ll 0	L	F
1d771	M/Sans-Serif Bold Small Beta	Ll 0	L	F
1d772	M/Sans-Serif Bold Small Gamma	Ll 0	L	F
1d773	M/Sans-Serif Bold Small Delta	Ll 0	L	F
1d774	M/Sans-Serif Bold Small Epsilon	Ll 0	L	F
1d775	M/Sans-Serif Bold Small Zeta	Ll 0	L	F
1d776	M/Sans-Serif Bold Small Eta	Ll 0	L	F
1d777	M/Sans-Serif Bold Small Theta	Ll 0	L	F
1d778	M/Sans-Serif Bold Small Iota	Ll 0	L	F
1d779	M/Sans-Serif Bold Small Kappa	Ll 0	L	F
1d77a	M/Sans-Serif Bold Small Lamda	Ll 0	L	F
1d77b	M/Sans-Serif Bold Small Mu	Ll 0	L	F
1d77c	M/Sans-Serif Bold Small Nu	Ll 0	L	F
1d77d	M/Sans-Serif Bold Small Xi	Ll 0	L	F
1d77e	M/Sans-Serif Bold Small Omicron	Ll 0	L	F
1d77f	M/Sans-Serif Bold Small Pi	Ll 0	L	F
1d780	M/Sans-Serif Bold Small Rho	Ll 0	L	F
1d781	M/Sans-Serif Bold Small Final Sigma	Ll 0	L	F
1d782	M/Sans-Serif Bold Small Sigma	Ll 0	L	F
1d783	M/Sans-Serif Bold Small Tau	Ll 0	L	F
1d784	M/Sans-Serif Bold Small Upsilon	Ll 0	L	F
1d785	M/Sans-Serif Bold Small Phi	Ll 0	L	F
1d786	M/Sans-Serif Bold Small Chi	Ll 0	L	F
1d787	M/Sans-Serif Bold Small Psi	Ll 0	L	F
1d788	M/Sans-Serif Bold Small Omega	Ll 0	L	F
1d789	M/Sans-Serif Bold Partial Differential	Sm 0	L	F
1d78a	M/Sans-Serif Bold Epsilon Symbol	Ll 0	L	F
1d78b	M/Sans-Serif Bold Theta Symbol	Ll 0	L	F
1d78c	M/Sans-Serif Bold Kappa Symbol	Ll 0	L	F
1d78d	M/Sans-Serif Bold Phi Symbol	Ll 0	L	F
1d78e	M/Sans-Serif Bold Rho Symbol	Ll 0	L	F
1d78f	M/Sans-Serif Bold Pi Symbol	Ll 0	L	F
1d790	M/Sans-Serif Bold Italic Capital Alpha	Lu 0	L	F
1d791	M/Sans-Serif Bold Italic Capital Beta	Lu 0	L	F
1d792	M/Sans-Serif Bold Italic Capital Gamma	Lu 0	L	F
1d793	M/Sans-Serif Bold Italic Capital Delta	Lu 0	L	F
1d794	M/Sans-Serif Bold Italic Capital Epsilon	Lu 0	L	F
1d795	M/Sans-Serif Bold Italic Capital Zeta	Lu 0	L	F
1d796	M/Sans-Serif Bold Italic Capital Eta	Lu 0	L	F
1d797	M/Sans-Serif Bold Italic Capital Theta	Lu 0	L	F
1d798	M/Sans-Serif Bold Italic Capital Iota	Lu 0	L	F
1d799	M/Sans-Serif Bold Italic Capital Kappa	Lu 0	L	F
1d79a	M/Sans-Serif Bold Italic Capital Lamda	Lu 0	L	F
1d79b	M/Sans-Serif Bold Italic Capital Mu	Lu 0	L	F
1d79c	M/Sans-Serif Bold Italic Capital Nu	Lu 0	L	F
1d79d	M/Sans-Serif Bold Italic Capital Xi	Lu 0	L	F
1d79e	M/Sans-Serif Bold Italic Capital Omicron	Lu 0	L	F
1d79f	M/Sans-Serif Bold Italic Capital Pi	Lu 0	L	F
1d7a0	M/Sans-Serif Bold Italic Capital Rho	Lu 0	L	F
1d7a1	M/Sans-Serif Bold Italic Capital Theta Symbol	Lu 0	L	F

1d7a2	M/Sans-Serif Bold Italic Capital Sigma	Lu	0	L	F
1d7a3	M/Sans-Serif Bold Italic Capital Tau	Lu	0	L	F
1d7a4	M/Sans-Serif Bold Italic Capital Upsilon	Lu	0	L	F
1d7a5	M/Sans-Serif Bold Italic Capital Phi	Lu	0	L	F
1d7a6	M/Sans-Serif Bold Italic Capital Chi	Lu	0	L	F
1d7a7	M/Sans-Serif Bold Italic Capital Psi	Lu	0	L	F
1d7a8	M/Sans-Serif Bold Italic Capital Omega	Lu	0	L	F
1d7a9	M/Sans-Serif Bold Italic Nabla	Sm	0	L	F
1d7aa	M/Sans-Serif Bold Italic Small Alpha	Ll	0	L	F
1d7ab	M/Sans-Serif Bold Italic Small Beta	Ll	0	L	F
1d7ac	M/Sans-Serif Bold Italic Small Gamma	Ll	0	L	F
1d7ad	M/Sans-Serif Bold Italic Small Delta	Ll	0	L	F
1d7ae	M/Sans-Serif Bold Italic Small Epsilon	Ll	0	L	F
1d7af	M/Sans-Serif Bold Italic Small Zeta	Ll	0	L	F
1d7b0	M/Sans-Serif Bold Italic Small Eta	Ll	0	L	F
1d7b1	M/Sans-Serif Bold Italic Small Theta	Ll	0	L	F
1d7b2	M/Sans-Serif Bold Italic Small Iota	Ll	0	L	F
1d7b3	M/Sans-Serif Bold Italic Small Kappa	Ll	0	L	F
1d7b4	M/Sans-Serif Bold Italic Small Lamda	Ll	0	L	F
1d7b5	M/Sans-Serif Bold Italic Small Mu	Ll	0	L	F
1d7b6	M/Sans-Serif Bold Italic Small Nu	Ll	0	L	F
1d7b7	M/Sans-Serif Bold Italic Small Xi	Ll	0	L	F
1d7b8	M/Sans-Serif Bold Italic Small Omicron	Ll	0	L	F
1d7b9	M/Sans-Serif Bold Italic Small Pi	Ll	0	L	F
1d7ba	M/Sans-Serif Bold Italic Small Rho	Ll	0	L	F
1d7bb	M/Sans-Serif Bold Italic Small Final Sigma	Ll	0	L	F
1d7bc	M/Sans-Serif Bold Italic Small Sigma	Ll	0	L	F
1d7bd	M/Sans-Serif Bold Italic Small Tau	Ll	0	L	F
1d7be	M/Sans-Serif Bold Italic Small Upsilon	Ll	0	L	F
1d7bf	M/Sans-Serif Bold Italic Small Phi	Ll	0	L	F
1d7c0	M/Sans-Serif Bold Italic Small Chi	Ll	0	L	F
1d7c1	M/Sans-Serif Bold Italic Small Psi	Ll	0	L	F
1d7c2	M/Sans-Serif Bold Italic Small Omega	Ll	0	L	F
1d7c3	M/Sans-Serif Bold Italic Partial Differential	Sm	0	L	F
1d7c4	M/Sans-Serif Bold Italic Epsilon Symbol	Ll	0	L	F
1d7c5	M/Sans-Serif Bold Italic Theta Symbol	Ll	0	L	F
1d7c6	M/Sans-Serif Bold Italic Kappa Symbol	Ll	0	L	F
1d7c7	M/Sans-Serif Bold Italic Phi Symbol	Ll	0	L	F
1d7c8	M/Sans-Serif Bold Italic Rho Symbol	Ll	0	L	F
1d7c9	M/Sans-Serif Bold Italic Pi Symbol	Ll	0	L	F
1d7ce	M/Bold Digit Zero	Nd	0	EN	F
1d7cf	M/Bold Digit One	Nd	0	EN	F
1d7d0	M/Bold Digit Two	Nd	0	EN	F
1d7d1	M/Bold Digit Three	Nd	0	EN	F
1d7d2	M/Bold Digit Four	Nd	0	EN	F
1d7d3	M/Bold Digit Five	Nd	0	EN	F
1d7d4	M/Bold Digit Six	Nd	0	EN	F
1d7d5	M/Bold Digit Seven	Nd	0	EN	F
1d7d6	M/Bold Digit Eight	Nd	0	EN	F
1d7d7	M/Bold Digit Nine	Nd	0	EN	F
1d7d8	M/Double-Struck Digit Zero	Nd	0	EN	F
1d7d9	M/Double-Struck Digit One	Nd	0	EN	F
1d7da	M/Double-Struck Digit Two	Nd	0	EN	F
1d7db	M/Double-Struck Digit Three	Nd	0	EN	F
1d7dc	M/Double-Struck Digit Four	Nd	0	EN	F
1d7dd	M/Double-Struck Digit Five	Nd	0	EN	F
1d7de	M/Double-Struck Digit Six	Nd	0	EN	F
1d7df	M/Double-Struck Digit Seven	Nd	0	EN	F
1d7e0	M/Double-Struck Digit Eight	Nd	0	EN	F
1d7e1	M/Double-Struck Digit Nine	Nd	0	EN	F
1d7e2	M/Sans-Serif Digit Zero	Nd	0	EN	F
1d7e3	M/Sans-Serif Digit One	Nd	0	EN	F
1d7e4	M/Sans-Serif Digit Two	Nd	0	EN	F
1d7e5	M/Sans-Serif Digit Three	Nd	0	EN	F
1d7e6	M/Sans-Serif Digit Four	Nd	0	EN	F
1d7e7	M/Sans-Serif Digit Five	Nd	0	EN	F
1d7e8	M/Sans-Serif Digit Six	Nd	0	EN	F
1d7e9	M/Sans-Serif Digit Seven	Nd	0	EN	F
1d7ea	M/Sans-Serif Digit Eight	Nd	0	EN	F
1d7eb	M/Sans-Serif Digit Nine	Nd	0	EN	F
1d7ec	M/Sans-Serif Bold Digit Zero	Nd	0	EN	F
1d7ed	M/Sans-Serif Bold Digit One	Nd	0	EN	F
1d7ee	M/Sans-Serif Bold Digit Two	Nd	0	EN	F
1d7ef	M/Sans-Serif Bold Digit Three	Nd	0	EN	F
1d7f0	M/Sans-Serif Bold Digit Four	Nd	0	EN	F
1d7f1	M/Sans-Serif Bold Digit Five	Nd	0	EN	F
1d7f2	M/Sans-Serif Bold Digit Six	Nd	0	EN	F
1d7f3	M/Sans-Serif Bold Digit Seven	Nd	0	EN	F
1d7f4	M/Sans-Serif Bold Digit Eight	Nd	0	EN	F
1d7f5	M/Sans-Serif Bold Digit Nine	Nd	0	EN	F
1d7f6	M/Monospace Digit Zero	Nd	0	EN	F
1d7f7	M/Monospace Digit One	Nd	0	EN	F
1d7f8	M/Monospace Digit Two	Nd	0	EN	F
1d7f9	M/Monospace Digit Three	Nd	0	EN	F
1d7fa	M/Monospace Digit Four	Nd	0	EN	F
1d7fb	M/Monospace Digit Five	Nd	0	EN	F
1d7fc	M/Monospace Digit Six	Nd	0	EN	F
1d7fd	M/Monospace Digit Seven	Nd	0	EN	F
1d7fe	M/Monospace Digit Eight	Nd	0	EN	F
1d7ff	M/Monospace Digit Nine	Nd	0	EN	F

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CJK Unified Ideographs Extension B (20000 to 2A6DF)
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Hex	Character	Gen	Cmb	Bid	Map
20000	<Cjk Ideograph Extension B, First>	Lo	0	L	
2a6d6	<Cjk Ideograph Extension B, Last>	Lo	0	L	

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2fa03	CJK Compatibility Ideograph-2fa03	Lo	0	L
2fa04	CJK Compatibility Ideograph-2fa04	Lo	0	L
2fa05	CJK Compatibility Ideograph-2fa05	Lo	0	L
2fa06	CJK Compatibility Ideograph-2fa06	Lo	0	L
2fa07	CJK Compatibility Ideograph-2fa07	Lo	0	L
2fa08	CJK Compatibility Ideograph-2fa08	Lo	0	L
2fa09	CJK Compatibility Ideograph-2fa09	Lo	0	L
2fa0a	CJK Compatibility Ideograph-2fa0a	Lo	0	L
2fa0b	CJK Compatibility Ideograph-2fa0b	Lo	0	L
2fa0c	CJK Compatibility Ideograph-2fa0c	Lo	0	L
2fa0d	CJK Compatibility Ideograph-2fa0d	Lo	0	L
2fa0e	CJK Compatibility Ideograph-2fa0e	Lo	0	L
2fa0f	CJK Compatibility Ideograph-2fa0f	Lo	0	L
2fa10	CJK Compatibility Ideograph-2fa10	Lo	0	L
2fa11	CJK Compatibility Ideograph-2fa11	Lo	0	L
2fa12	CJK Compatibility Ideograph-2fa12	Lo	0	L
2fa13	CJK Compatibility Ideograph-2fa13	Lo	0	L
2fa14	CJK Compatibility Ideograph-2fa14	Lo	0	L
2fa15	CJK Compatibility Ideograph-2fa15	Lo	0	L
2fa16	CJK Compatibility Ideograph-2fa16	Lo	0	L
2fa17	CJK Compatibility Ideograph-2fa17	Lo	0	L
2fa18	CJK Compatibility Ideograph-2fa18	Lo	0	L
2fa19	CJK Compatibility Ideograph-2fa19	Lo	0	L
2fa1a	CJK Compatibility Ideograph-2fa1a	Lo	0	L
2fa1b	CJK Compatibility Ideograph-2fa1b	Lo	0	L
2fa1c	CJK Compatibility Ideograph-2fa1c	Lo	0	L
2fa1d	CJK Compatibility Ideograph-2fa1d	Lo	0	L

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Tags (E0000 to E007F)
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Hex	Character	Gen	Cmb	Bid	Map
E0001	Language Tag	Cf	0	BN	
E0020	Tag Space	Cf	0	BN	
E0021	Tag Exclamation Mark	Cf	0	BN	
E0022	Tag Quotation Mark	Cf	0	BN	
E0023	Tag Number Sign	Cf	0	BN	
E0024	Tag Dollar Sign	Cf	0	BN	
E0025	Tag Percent Sign	Cf	0	BN	
E0026	Tag Ampersand	Cf	0	BN	
E0027	Tag Apostrophe	Cf	0	BN	
E0028	Tag L Parenthesis	Cf	0	BN	
E0029	Tag R Parenthesis	Cf	0	BN	
E002a	Tag Asterisk	Cf	0	BN	
E002b	Tag Plus Sign	Cf	0	BN	
E002c	Tag Comma	Cf	0	BN	
E002d	Tag Hyphen-Minus	Cf	0	BN	
E002e	Tag Full Stop	Cf	0	BN	
E002f	Tag Solidus	Cf	0	BN	
E0030	Tag Digit Zero	Cf	0	BN	
E0031	Tag Digit One	Cf	0	BN	
E0032	Tag Digit Two	Cf	0	BN	
E0033	Tag Digit Three	Cf	0	BN	
E0034	Tag Digit Four	Cf	0	BN	
E0035	Tag Digit Five	Cf	0	BN	
E0036	Tag Digit Six	Cf	0	BN	
E0037	Tag Digit Seven	Cf	0	BN	
E0038	Tag Digit Eight	Cf	0	BN	
E0039	Tag Digit Nine	Cf	0	BN	
E003a	Tag Colon	Cf	0	BN	
E003b	Tag Semicolon	Cf	0	BN	
E003c	Tag < Sign	Cf	0	BN	
E003d	Tag = Sign	Cf	0	BN	
E003e	Tag >Sign	Cf	0	BN	
E003f	Tag Question Mark	Cf	0	BN	
E0040	Tag Commercial At	Cf	0	BN	
E0041	Tag Latin Capital Letter A	Cf	0	BN	
E0042	Tag Latin Capital Letter B	Cf	0	BN	
E0043	Tag Latin Capital Letter C	Cf	0	BN	
E0044	Tag Latin Capital Letter D	Cf	0	BN	
E0045	Tag Latin Capital Letter E	Cf	0	BN	
E0046	Tag Latin Capital Letter F	Cf	0	BN	
E0047	Tag Latin Capital Letter G	Cf	0	BN	
E0048	Tag Latin Capital Letter H	Cf	0	BN	
E0049	Tag Latin Capital Letter I	Cf	0	BN	
E004a	Tag Latin Capital Letter J	Cf	0	BN	
E004b	Tag Latin Capital Letter K	Cf	0	BN	
E004c	Tag Latin Capital Letter L	Cf	0	BN	
E004d	Tag Latin Capital Letter M	Cf	0	BN	
E004e	Tag Latin Capital Letter N	Cf	0	BN	
E004f	Tag Latin Capital Letter O	Cf	0	BN	
E0050	Tag Latin Capital Letter P	Cf	0	BN	
E0051	Tag Latin Capital Letter Q	Cf	0	BN	
E0052	Tag Latin Capital Letter R	Cf	0	BN	
E0053	Tag Latin Capital Letter S	Cf	0	BN	
E0054	Tag Latin Capital Letter T	Cf	0	BN	
E0055	Tag Latin Capital Letter U	Cf	0	BN	
E0056	Tag Latin Capital Letter V	Cf	0	BN	
E0057	Tag Latin Capital Letter W	Cf	0	BN	
E0058	Tag Latin Capital Letter X	Cf	0	BN	
E0059	Tag Latin Capital Letter Y	Cf	0	BN	
E005a	Tag Latin Capital Letter Z	Cf	0	BN	
E005b	Tag L Square Bracket	Cf	0	BN	
E005c	Tag Reverse Solidus	Cf	0	BN	
E005d	Tag R Square Bracket	Cf	0	BN	
E005e	Tag Circumflex Accent	Cf	0	BN	
E005f	Tag Low Line	Cf	0	BN	
E0060	Tag Grave Accent	Cf	0	BN	
E0061	Tag Latin Small Letter A	Cf	0	BN	
E0062	Tag Latin Small Letter B	Cf	0	BN	

E0063	Tag Latin Small Letter C	Cf	0	BN
E0064	Tag Latin Small Letter D	Cf	0	BN
E0065	Tag Latin Small Letter E	Cf	0	BN
E0066	Tag Latin Small Letter F	Cf	0	BN
E0067	Tag Latin Small Letter G	Cf	0	BN
E0068	Tag Latin Small Letter H	Cf	0	BN
E0069	Tag Latin Small Letter I	Cf	0	BN
E006a	Tag Latin Small Letter J	Cf	0	BN
E006b	Tag Latin Small Letter K	Cf	0	BN
E006c	Tag Latin Small Letter L	Cf	0	BN
E006d	Tag Latin Small Letter M	Cf	0	BN
E006e	Tag Latin Small Letter N	Cf	0	BN
E006f	Tag Latin Small Letter O	Cf	0	BN
E0070	Tag Latin Small Letter P	Cf	0	BN
E0071	Tag Latin Small Letter Q	Cf	0	BN
E0072	Tag Latin Small Letter R	Cf	0	BN
E0073	Tag Latin Small Letter S	Cf	0	BN
E0074	Tag Latin Small Letter T	Cf	0	BN
E0075	Tag Latin Small Letter U	Cf	0	BN
E0076	Tag Latin Small Letter V	Cf	0	BN
E0077	Tag Latin Small Letter W	Cf	0	BN
E0078	Tag Latin Small Letter X	Cf	0	BN
E0079	Tag Latin Small Letter Y	Cf	0	BN
E007a	Tag Latin Small Letter Z	Cf	0	BN
E007b	Tag L Curly Bracket	Cf	0	BN
E007c	Tag Vert Line	Cf	0	BN
E007d	Tag R Curly Bracket	Cf	0	BN
E007e	Tag Tilde	Cf	0	BN
E007f	Cancel Tag	Cf	0	BN

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Supplementary Private Use Area-A (F0000 to FFFFF)
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Hex	Character	Gen	Cmb	Bid	Map
F0000	<Plane 15 Private Use, First>	Co	0	L	
Fffff	<Plane 15 Private Use, Last>	Co	0	L	

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Supplementary Private Use Area-B (100000 to 10FFFF)
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Hex	Character	Gen	Cmb	Bid	Map
100000	<Plane 16 Private Use, First>	Co	0	L	
10ffff	<Plane 16 Private Use, Last>	Co	0	L	