

## ISO/IEC JTC1/SC2/WG2 N 1675

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The annex E is as changed by ISO/IEC 10646-1:1993 technical corrigendum 1, published 1996-03-01, and amendments.1 thru 9 of ISO/IEC 10646

Annex E  
(Informative)

Alphabetically sorted list of character names

This annex lists all the character names from this part of ISO/IEC 10646 except Hangul and CJK-ideographs (these are characters from blocks HANGUL, HANGUL SUPPLEMENTARY-A, HANGUL SUPPLEMENTARY-B, CJK UNIFIED IDEOGRAPHS, and CJK-COMPATIBILITY IDEOGRAPHS). They are shown with their code positions in the two-octet form.

0020 SPACE  
0021 EXCLAMATION MARK  
0022 QUOTATION MARK  
0023 NUMBER SIGN  
0024 DOLLAR SIGN  
0025 PERCENT SIGN  
0026 AMPERSAND  
0027 APOSTROPHE  
0028 LEFT PARENTHESIS  
0029 RIGHT PARENTHESIS  
002A ASTERISK  
002B PLUS SIGN  
002C COMMA  
002D HYPHEN-MINUS  
002E FULL STOP  
002F SOLIDUS  
0030 DIGIT ZERO  
0031 DIGIT ONE  
0032 DIGIT TWO  
0033 DIGIT THREE  
0034 DIGIT FOUR  
0035 DIGIT FIVE  
0036 DIGIT SIX  
0037 DIGIT SEVEN  
0038 DIGIT EIGHT  
0039 DIGIT NINE  
003A COLON  
003B SEMICOLON  
003C LESS-THAN SIGN  
003D EQUALS SIGN  
003E GREATER-THAN SIGN  
003F QUESTION MARK  
0040 COMMERCIAL AT  
0041 LATIN CAPITAL LETTER A

0042 LATIN CAPITAL LETTER B  
0043 LATIN CAPITAL LETTER C  
0044 LATIN CAPITAL LETTER D  
0045 LATIN CAPITAL LETTER E  
0046 LATIN CAPITAL LETTER F  
0047 LATIN CAPITAL LETTER G  
0048 LATIN CAPITAL LETTER H  
0049 LATIN CAPITAL LETTER I  
004A LATIN CAPITAL LETTER J  
004B LATIN CAPITAL LETTER K  
004C LATIN CAPITAL LETTER L  
004D LATIN CAPITAL LETTER M  
004E LATIN CAPITAL LETTER N  
004F LATIN CAPITAL LETTER O  
0050 LATIN CAPITAL LETTER P  
0051 LATIN CAPITAL LETTER Q  
0052 LATIN CAPITAL LETTER R  
0053 LATIN CAPITAL LETTER S  
0054 LATIN CAPITAL LETTER T  
0055 LATIN CAPITAL LETTER U  
0056 LATIN CAPITAL LETTER V  
0057 LATIN CAPITAL LETTER W  
0058 LATIN CAPITAL LETTER X  
0059 LATIN CAPITAL LETTER Y  
005A LATIN CAPITAL LETTER Z  
005B LEFT SQUARE BRACKET  
005C REVERSE SOLIDUS  
005D RIGHT SQUARE BRACKET  
005E CIRCUMFLEX ACCENT  
005F LOW LINE  
0060 GRAVE ACCENT  
0061 LATIN SMALL LETTER A  
0062 LATIN SMALL LETTER B  
0063 LATIN SMALL LETTER C  
0064 LATIN SMALL LETTER D  
0065 LATIN SMALL LETTER E  
0066 LATIN SMALL LETTER F  
0067 LATIN SMALL LETTER G  
0068 LATIN SMALL LETTER H  
0069 LATIN SMALL LETTER I  
006A LATIN SMALL LETTER J  
006B LATIN SMALL LETTER K  
006C LATIN SMALL LETTER L  
006D LATIN SMALL LETTER M  
006E LATIN SMALL LETTER N  
006F LATIN SMALL LETTER O  
0070 LATIN SMALL LETTER P  
0071 LATIN SMALL LETTER Q  
0072 LATIN SMALL LETTER R  
0073 LATIN SMALL LETTER S  
0074 LATIN SMALL LETTER T  
0075 LATIN SMALL LETTER U  
0076 LATIN SMALL LETTER V  
0077 LATIN SMALL LETTER W  
0078 LATIN SMALL LETTER X  
0079 LATIN SMALL LETTER Y  
007A LATIN SMALL LETTER Z  
007B LEFT CURLY BRACKET  
007C VERTICAL LINE  
007D RIGHT CURLY BRACKET  
007E TILDE

00A0 NO-BREAK SPACE  
00A1 INVERTED EXCLAMATION MARK  
00A2 CENT SIGN  
00A3 POUND SIGN  
00A4 CURRENCY SIGN  
00A5 YEN SIGN  
00A6 BROKEN BAR  
00A7 SECTION SIGN  
00A8 DIAERESIS  
00A9 COPYRIGHT SIGN  
00AA FEMININE ORDINAL INDICATOR  
00AB LEFT-POINTING DOUBLE ANGLE QUOTATION MARK  
00AC NOT SIGN  
00AD SOFT HYPHEN  
00AE REGISTERED SIGN  
00AF MACRON  
00B0 DEGREE SIGN  
00B1 PLUS-MINUS SIGN  
00B2 SUPERSCRIPIT TWO  
00B3 SUPERSCRIPIT THREE  
00B4 ACUTE ACCENT  
00B5 MICRO SIGN  
00B6 PILCROW SIGN  
00B7 MIDDLE DOT  
00B8 CEDILLA  
00B9 SUPERSCRIPIT ONE  
00BA MASCULINE ORDINAL INDICATOR  
00BB RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK  
00BC VULGAR FRACTION ONE QUARTER  
00BD VULGAR FRACTION ONE HALF  
00BE VULGAR FRACTION THREE QUARTERS  
00BF INVERTED QUESTION MARK  
00C0 LATIN CAPITAL LETTER A WITH GRAVE  
00C1 LATIN CAPITAL LETTER A WITH ACUTE  
00C2 LATIN CAPITAL LETTER A WITH CIRCUMFLEX  
00C3 LATIN CAPITAL LETTER A WITH TILDE  
00C4 LATIN CAPITAL LETTER A WITH DIAERESIS  
00C5 LATIN CAPITAL LETTER A WITH RING ABOVE  
00C6 LATIN CAPITAL LETTER AE (ash)  
00C7 LATIN CAPITAL LETTER C WITH CEDILLA  
00C8 LATIN CAPITAL LETTER E WITH GRAVE  
00C9 LATIN CAPITAL LETTER E WITH ACUTE  
00CA LATIN CAPITAL LETTER E WITH CIRCUMFLEX  
00CB LATIN CAPITAL LETTER E WITH DIAERESIS  
00CC LATIN CAPITAL LETTER I WITH GRAVE  
00CD LATIN CAPITAL LETTER I WITH ACUTE  
00CE LATIN CAPITAL LETTER I WITH CIRCUMFLEX  
00CF LATIN CAPITAL LETTER I WITH DIAERESIS  
00D0 LATIN CAPITAL LETTER ETH (Icelandic)  
00D1 LATIN CAPITAL LETTER N WITH TILDE  
00D2 LATIN CAPITAL LETTER O WITH GRAVE  
00D3 LATIN CAPITAL LETTER O WITH ACUTE  
00D4 LATIN CAPITAL LETTER O WITH CIRCUMFLEX  
00D5 LATIN CAPITAL LETTER O WITH TILDE  
00D6 LATIN CAPITAL LETTER O WITH DIAERESIS  
00D7 MULTIPLICATION SIGN  
00D8 LATIN CAPITAL LETTER O WITH STROKE  
00D9 LATIN CAPITAL LETTER U WITH GRAVE  
00DA LATIN CAPITAL LETTER U WITH ACUTE  
00DB LATIN CAPITAL LETTER U WITH CIRCUMFLEX  
00DC LATIN CAPITAL LETTER U WITH DIAERESIS

00DD LATIN CAPITAL LETTER Y WITH ACUTE  
00DE LATIN CAPITAL LETTER THORN (Icelandic)  
00DF LATIN SMALL LETTER SHARP S (German)  
00E0 LATIN SMALL LETTER A WITH GRAVE  
00E1 LATIN SMALL LETTER A WITH ACUTE  
00E2 LATIN SMALL LETTER A WITH CIRCUMFLEX  
00E3 LATIN SMALL LETTER A WITH TILDE  
00E4 LATIN SMALL LETTER A WITH DIAERESIS  
00E5 LATIN SMALL LETTER A WITH RING ABOVE  
00E6 LATIN SMALL LETTER AE (ash)  
00E7 LATIN SMALL LETTER C WITH CEDILLA  
00E8 LATIN SMALL LETTER E WITH GRAVE  
00E9 LATIN SMALL LETTER E WITH ACUTE  
00EA LATIN SMALL LETTER E WITH CIRCUMFLEX  
00EB LATIN SMALL LETTER E WITH DIAERESIS  
00EC LATIN SMALL LETTER I WITH GRAVE  
00ED LATIN SMALL LETTER I WITH ACUTE  
00EE LATIN SMALL LETTER I WITH CIRCUMFLEX  
00EF LATIN SMALL LETTER I WITH DIAERESIS  
00F0 LATIN SMALL LETTER ETH (Icelandic)  
00F1 LATIN SMALL LETTER N WITH TILDE  
00F2 LATIN SMALL LETTER O WITH GRAVE  
00F3 LATIN SMALL LETTER O WITH ACUTE  
00F4 LATIN SMALL LETTER O WITH CIRCUMFLEX  
00F5 LATIN SMALL LETTER O WITH TILDE  
00F6 LATIN SMALL LETTER O WITH DIAERESIS  
00F7 DIVISION SIGN  
00F8 LATIN SMALL LETTER O WITH STROKE  
00F9 LATIN SMALL LETTER U WITH GRAVE  
00FA LATIN SMALL LETTER U WITH ACUTE  
00FB LATIN SMALL LETTER U WITH CIRCUMFLEX  
00FC LATIN SMALL LETTER U WITH DIAERESIS  
00FD LATIN SMALL LETTER Y WITH ACUTE  
00FE LATIN SMALL LETTER THORN (Icelandic)  
00FF LATIN SMALL LETTER Y WITH DIAERESIS  
0100 LATIN CAPITAL LETTER A WITH MACRON  
0101 LATIN SMALL LETTER A WITH MACRON  
0102 LATIN CAPITAL LETTER A WITH BREVE  
0103 LATIN SMALL LETTER A WITH BREVE  
0104 LATIN CAPITAL LETTER A WITH OGONEK  
0105 LATIN SMALL LETTER A WITH OGONEK  
0106 LATIN CAPITAL LETTER C WITH ACUTE  
0107 LATIN SMALL LETTER C WITH ACUTE  
0108 LATIN CAPITAL LETTER C WITH CIRCUMFLEX  
0109 LATIN SMALL LETTER C WITH CIRCUMFLEX  
010A LATIN CAPITAL LETTER C WITH DOT ABOVE  
010B LATIN SMALL LETTER C WITH DOT ABOVE  
010C LATIN CAPITAL LETTER C WITH CARON  
010D LATIN SMALL LETTER C WITH CARON  
010E LATIN CAPITAL LETTER D WITH CARON  
010F LATIN SMALL LETTER D WITH CARON  
0110 LATIN CAPITAL LETTER D WITH STROKE  
0111 LATIN SMALL LETTER D WITH STROKE  
0112 LATIN CAPITAL LETTER E WITH MACRON  
0113 LATIN SMALL LETTER E WITH MACRON  
0114 LATIN CAPITAL LETTER E WITH BREVE  
0115 LATIN SMALL LETTER E WITH BREVE  
0116 LATIN CAPITAL LETTER E WITH DOT ABOVE  
0117 LATIN SMALL LETTER E WITH DOT ABOVE  
0118 LATIN CAPITAL LETTER E WITH OGONEK  
0119 LATIN SMALL LETTER E WITH OGONEK

011A LATIN CAPITAL LETTER E WITH CARON  
011B LATIN SMALL LETTER E WITH CARON  
011C LATIN CAPITAL LETTER G WITH CIRCUMFLEX  
011D LATIN SMALL LETTER G WITH CIRCUMFLEX  
011E LATIN CAPITAL LETTER G WITH BREVE  
011F LATIN SMALL LETTER G WITH BREVE  
0120 LATIN CAPITAL LETTER G WITH DOT ABOVE  
0121 LATIN SMALL LETTER G WITH DOT ABOVE  
0122 LATIN CAPITAL LETTER G WITH CEDILLA  
0123 LATIN SMALL LETTER G WITH CEDILLA  
0124 LATIN CAPITAL LETTER H WITH CIRCUMFLEX  
0125 LATIN SMALL LETTER H WITH CIRCUMFLEX  
0126 LATIN CAPITAL LETTER H WITH STROKE  
0127 LATIN SMALL LETTER H WITH STROKE  
0128 LATIN CAPITAL LETTER I WITH TILDE  
0129 LATIN SMALL LETTER I WITH TILDE  
012A LATIN CAPITAL LETTER I WITH MACRON  
012B LATIN SMALL LETTER I WITH MACRON  
012C LATIN CAPITAL LETTER I WITH BREVE  
012D LATIN SMALL LETTER I WITH BREVE  
012E LATIN CAPITAL LETTER I WITH OGONEK  
012F LATIN SMALL LETTER I WITH OGONEK  
0130 LATIN CAPITAL LETTER I WITH DOT ABOVE  
0131 LATIN SMALL LETTER DOTLESS I  
0132 LATIN CAPITAL LIGATURE IJ  
0133 LATIN SMALL LIGATURE IJ  
0134 LATIN CAPITAL LETTER J WITH CIRCUMFLEX  
0135 LATIN SMALL LETTER J WITH CIRCUMFLEX  
0136 LATIN CAPITAL LETTER K WITH CEDILLA  
0137 LATIN SMALL LETTER K WITH CEDILLA  
0138 LATIN SMALL LETTER KRA (Greenlandic)  
0139 LATIN CAPITAL LETTER L WITH ACUTE  
013A LATIN SMALL LETTER L WITH ACUTE  
013B LATIN CAPITAL LETTER L WITH CEDILLA  
013C LATIN SMALL LETTER L WITH CEDILLA  
013D LATIN CAPITAL LETTER L WITH CARON  
013E LATIN SMALL LETTER L WITH CARON  
013F LATIN CAPITAL LETTER L WITH MIDDLE DOT  
0140 LATIN SMALL LETTER L WITH MIDDLE DOT  
0141 LATIN CAPITAL LETTER L WITH STROKE  
0142 LATIN SMALL LETTER L WITH STROKE  
0143 LATIN CAPITAL LETTER N WITH ACUTE  
0144 LATIN SMALL LETTER N WITH ACUTE  
0145 LATIN CAPITAL LETTER N WITH CEDILLA  
0146 LATIN SMALL LETTER N WITH CEDILLA  
0147 LATIN CAPITAL LETTER N WITH CARON  
0148 LATIN SMALL LETTER N WITH CARON  
0149 LATIN SMALL LETTER N PRECEDED BY APOSTROPHE  
014A LATIN CAPITAL LETTER ENG (Sami)  
014B LATIN SMALL LETTER ENG (Sami)  
014C LATIN CAPITAL LETTER O WITH MACRON  
014D LATIN SMALL LETTER O WITH MACRON  
014E LATIN CAPITAL LETTER O WITH BREVE  
014F LATIN SMALL LETTER O WITH BREVE  
0150 LATIN CAPITAL LETTER O WITH DOUBLE ACUTE  
0151 LATIN SMALL LETTER O WITH DOUBLE ACUTE  
0152 LATIN CAPITAL LIGATURE OE  
0153 LATIN SMALL LIGATURE OE  
0154 LATIN CAPITAL LETTER R WITH ACUTE  
0155 LATIN SMALL LETTER R WITH ACUTE  
0156 LATIN CAPITAL LETTER R WITH CEDILLA

0157 LATIN SMALL LETTER R WITH CEDILLA  
0158 LATIN CAPITAL LETTER R WITH CARON  
0159 LATIN SMALL LETTER R WITH CARON  
015A LATIN CAPITAL LETTER S WITH ACUTE  
015B LATIN SMALL LETTER S WITH ACUTE  
015C LATIN CAPITAL LETTER S WITH CIRCUMFLEX  
015D LATIN SMALL LETTER S WITH CIRCUMFLEX  
015E LATIN CAPITAL LETTER S WITH CEDILLA  
015F LATIN SMALL LETTER S WITH CEDILLA  
0160 LATIN CAPITAL LETTER S WITH CARON  
0161 LATIN SMALL LETTER S WITH CARON  
0162 LATIN CAPITAL LETTER T WITH CEDILLA  
0163 LATIN SMALL LETTER T WITH CEDILLA  
0164 LATIN CAPITAL LETTER T WITH CARON  
0165 LATIN SMALL LETTER T WITH CARON  
0166 LATIN CAPITAL LETTER T WITH STROKE  
0167 LATIN SMALL LETTER T WITH STROKE  
0168 LATIN CAPITAL LETTER U WITH TILDE  
0169 LATIN SMALL LETTER U WITH TILDE  
016A LATIN CAPITAL LETTER U WITH MACRON  
016B LATIN SMALL LETTER U WITH MACRON  
016C LATIN CAPITAL LETTER U WITH BREVE  
016D LATIN SMALL LETTER U WITH BREVE  
016E LATIN CAPITAL LETTER U WITH RING ABOVE  
016F LATIN SMALL LETTER U WITH RING ABOVE  
0170 LATIN CAPITAL LETTER U WITH DOUBLE ACUTE  
0171 LATIN SMALL LETTER U WITH DOUBLE ACUTE  
0172 LATIN CAPITAL LETTER U WITH OGONEK  
0173 LATIN SMALL LETTER U WITH OGONEK  
0174 LATIN CAPITAL LETTER W WITH CIRCUMFLEX  
0175 LATIN SMALL LETTER W WITH CIRCUMFLEX  
0176 LATIN CAPITAL LETTER Y WITH CIRCUMFLEX  
0177 LATIN SMALL LETTER Y WITH CIRCUMFLEX  
0178 LATIN CAPITAL LETTER Y WITH DIAERESIS  
0179 LATIN CAPITAL LETTER Z WITH ACUTE  
017A LATIN SMALL LETTER Z WITH ACUTE  
017B LATIN CAPITAL LETTER Z WITH DOT ABOVE  
017C LATIN SMALL LETTER Z WITH DOT ABOVE  
017D LATIN CAPITAL LETTER Z WITH CARON  
017E LATIN SMALL LETTER Z WITH CARON  
017F LATIN SMALL LETTER LONG S  
0180 LATIN SMALL LETTER B WITH STROKE  
0181 LATIN CAPITAL LETTER B WITH HOOK  
0182 LATIN CAPITAL LETTER B WITH TOPBAR  
0183 LATIN SMALL LETTER B WITH TOPBAR  
0184 LATIN CAPITAL LETTER TONE SIX  
0185 LATIN SMALL LETTER TONE SIX  
0186 LATIN CAPITAL LETTER OPEN O  
0187 LATIN CAPITAL LETTER C WITH HOOK  
0188 LATIN SMALL LETTER C WITH HOOK  
0189 LATIN CAPITAL LETTER AFRICAN D  
018A LATIN CAPITAL LETTER D WITH HOOK  
018B LATIN CAPITAL LETTER D WITH TOPBAR  
018C LATIN SMALL LETTER D WITH TOPBAR  
018D LATIN SMALL LETTER TURNED DELTA  
018E LATIN CAPITAL LETTER REVERSED E  
018F LATIN CAPITAL LETTER SCHWA  
0190 LATIN CAPITAL LETTER OPEN E  
0191 LATIN CAPITAL LETTER F WITH HOOK  
0192 LATIN SMALL LETTER F WITH HOOK  
0193 LATIN CAPITAL LETTER G WITH HOOK

0194 LATIN CAPITAL LETTER GAMMA  
0195 LATIN SMALL LETTER HV  
0196 LATIN CAPITAL LETTER IOTA  
0197 LATIN CAPITAL LETTER I WITH STROKE  
0198 LATIN CAPITAL LETTER K WITH HOOK  
0199 LATIN SMALL LETTER K WITH HOOK  
019A LATIN SMALL LETTER L WITH BAR  
019B LATIN SMALL LETTER LAMBDA WITH STROKE  
019C LATIN CAPITAL LETTER TURNED M  
019D LATIN CAPITAL LETTER N WITH LEFT HOOK  
019E LATIN SMALL LETTER N WITH LONG RIGHT LEG  
019F LATIN CAPITAL LETTER O WITH MIDDLE TILDE  
01A0 LATIN CAPITAL LETTER O WITH HORN  
01A1 LATIN SMALL LETTER O WITH HORN  
01A2 LATIN CAPITAL LETTER OI  
01A3 LATIN SMALL LETTER OI  
01A4 LATIN CAPITAL LETTER P WITH HOOK  
01A5 LATIN SMALL LETTER P WITH HOOK  
01A6 LATIN LETTER YR  
01A7 LATIN CAPITAL LETTER TONE TWO  
01A8 LATIN SMALL LETTER TONE TWO  
01A9 LATIN CAPITAL LETTER ESH  
01AA LATIN LETTER REVERSED ESH LOOP  
01AB LATIN SMALL LETTER T WITH PALATAL HOOK  
01AC LATIN CAPITAL LETTER T WITH HOOK  
01AD LATIN SMALL LETTER T WITH HOOK  
01AE LATIN CAPITAL LETTER T WITH RETROFLEX HOOK  
01AF LATIN CAPITAL LETTER U WITH HORN  
01B0 LATIN SMALL LETTER U WITH HORN  
01B1 LATIN CAPITAL LETTER UPSILON  
01B2 LATIN CAPITAL LETTER V WITH HOOK  
01B3 LATIN CAPITAL LETTER Y WITH HOOK  
01B4 LATIN SMALL LETTER Y WITH HOOK  
01B5 LATIN CAPITAL LETTER Z WITH STROKE  
01B6 LATIN SMALL LETTER Z WITH STROKE  
01B7 LATIN CAPITAL LETTER EZH  
01B8 LATIN CAPITAL LETTER EZH REVERSED  
01B9 LATIN SMALL LETTER EZH REVERSED  
01BA LATIN SMALL LETTER EZH WITH TAIL  
01BB LATIN LETTER TWO WITH STROKE  
01BC LATIN CAPITAL LETTER TONE FIVE  
01BD LATIN SMALL LETTER TONE FIVE  
01BE LATIN LETTER INVERTED GLOTTAL STOP WITH STROKE  
01BF LATIN LETTER WYNN  
01C0 LATIN LETTER DENTAL CLICK  
01C1 LATIN LETTER LATERAL CLICK  
01C2 LATIN LETTER ALVEOLAR CLICK  
01C3 LATIN LETTER RETROFLEX CLICK  
01C4 LATIN CAPITAL LETTER DZ WITH CARON  
01C5 LATIN CAPITAL LETTER D WITH SMALL LETTER Z WITH CARON  
01C6 LATIN SMALL LETTER DZ WITH CARON  
01C7 LATIN CAPITAL LETTER LJ  
01C8 LATIN CAPITAL LETTER L WITH SMALL LETTER J  
01C9 LATIN SMALL LETTER LJ  
01CA LATIN CAPITAL LETTER NJ  
01CB LATIN CAPITAL LETTER N WITH SMALL LETTER J  
01CC LATIN SMALL LETTER NJ  
01CD LATIN CAPITAL LETTER A WITH CARON  
01CE LATIN SMALL LETTER A WITH CARON  
01CF LATIN CAPITAL LETTER I WITH CARON  
01D0 LATIN SMALL LETTER I WITH CARON

01D1 LATIN CAPITAL LETTER O WITH CARON  
01D2 LATIN SMALL LETTER O WITH CARON  
01D3 LATIN CAPITAL LETTER U WITH CARON  
01D4 LATIN SMALL LETTER U WITH CARON  
01D5 LATIN CAPITAL LETTER U WITH DIAERESIS AND MACRON  
01D6 LATIN SMALL LETTER U WITH DIAERESIS AND MACRON  
01D7 LATIN CAPITAL LETTER U WITH DIAERESIS AND ACUTE  
01D8 LATIN SMALL LETTER U WITH DIAERESIS AND ACUTE  
01D9 LATIN CAPITAL LETTER U WITH DIAERESIS AND CARON  
01DA LATIN SMALL LETTER U WITH DIAERESIS AND CARON  
01DB LATIN CAPITAL LETTER U WITH DIAERESIS AND GRAVE  
01DC LATIN SMALL LETTER U WITH DIAERESIS AND GRAVE  
01DD LATIN SMALL LETTER TURNED E  
01DE LATIN CAPITAL LETTER A WITH DIAERESIS AND MACRON  
01DF LATIN SMALL LETTER A WITH DIAERESIS AND MACRON  
01E0 LATIN CAPITAL LETTER A WITH DOT ABOVE AND MACRON  
01E1 LATIN SMALL LETTER A WITH DOT ABOVE AND MACRON  
01E2 LATIN CAPITAL LETTER AE WITH MACRON (ash)  
01E3 LATIN SMALL LETTER AE WITH MACRON (ash)  
01E4 LATIN CAPITAL LETTER G WITH STROKE  
01E5 LATIN SMALL LETTER G WITH STROKE  
01E6 LATIN CAPITAL LETTER G WITH CARON  
01E7 LATIN SMALL LETTER G WITH CARON  
01E8 LATIN CAPITAL LETTER K WITH CARON  
01E9 LATIN SMALL LETTER K WITH CARON  
01EA LATIN CAPITAL LETTER O WITH OGONEK  
01EB LATIN SMALL LETTER O WITH OGONEK  
01EC LATIN CAPITAL LETTER O WITH OGONEK AND MACRON  
01ED LATIN SMALL LETTER O WITH OGONEK AND MACRON  
01EE LATIN CAPITAL LETTER EZH WITH CARON  
01EF LATIN SMALL LETTER EZH WITH CARON  
01F0 LATIN SMALL LETTER J WITH CARON  
01F1 LATIN CAPITAL LETTER DZ  
01F2 LATIN CAPITAL LETTER D WITH SMALL LETTER Z  
01F3 LATIN SMALL LETTER DZ  
01F4 LATIN CAPITAL LETTER G WITH ACUTE  
01F5 LATIN SMALL LETTER G WITH ACUTE  
01FA LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE  
01FB LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE  
01FC LATIN CAPITAL LETTER AE WITH ACUTE (ash)  
01FD LATIN SMALL LETTER AE WITH ACUTE (ash)  
01FE LATIN CAPITAL LETTER O WITH STROKE AND ACUTE  
01FF LATIN SMALL LETTER O WITH STROKE AND ACUTE  
0200 LATIN CAPITAL LETTER A WITH DOUBLE GRAVE  
0201 LATIN SMALL LETTER A WITH DOUBLE GRAVE  
0202 LATIN CAPITAL LETTER A WITH INVERTED BREVE  
0203 LATIN SMALL LETTER A WITH INVERTED BREVE  
0204 LATIN CAPITAL LETTER E WITH DOUBLE GRAVE  
0205 LATIN SMALL LETTER E WITH DOUBLE GRAVE  
0206 LATIN CAPITAL LETTER E WITH INVERTED BREVE  
0207 LATIN SMALL LETTER E WITH INVERTED BREVE  
0208 LATIN CAPITAL LETTER I WITH DOUBLE GRAVE  
0209 LATIN SMALL LETTER I WITH DOUBLE GRAVE  
020A LATIN CAPITAL LETTER I WITH INVERTED BREVE  
020B LATIN SMALL LETTER I WITH INVERTED BREVE  
020C LATIN CAPITAL LETTER O WITH DOUBLE GRAVE  
020D LATIN SMALL LETTER O WITH DOUBLE GRAVE  
020E LATIN CAPITAL LETTER O WITH INVERTED BREVE  
020F LATIN SMALL LETTER O WITH INVERTED BREVE  
0210 LATIN CAPITAL LETTER R WITH DOUBLE GRAVE  
0211 LATIN SMALL LETTER R WITH DOUBLE GRAVE



0212 LATIN CAPITAL LETTER R WITH INVERTED BREVE  
0213 LATIN SMALL LETTER R WITH INVERTED BREVE  
0214 LATIN CAPITAL LETTER U WITH DOUBLE GRAVE  
0215 LATIN SMALL LETTER U WITH DOUBLE GRAVE  
0216 LATIN CAPITAL LETTER U WITH INVERTED BREVE  
0217 LATIN SMALL LETTER U WITH INVERTED BREVE  
0250 LATIN SMALL LETTER TURNED A  
0251 LATIN SMALL LETTER ALPHA  
0252 LATIN SMALL LETTER TURNED ALPHA  
0253 LATIN SMALL LETTER B WITH HOOK  
0254 LATIN SMALL LETTER OPEN O  
0255 LATIN SMALL LETTER C WITH CURL  
0256 LATIN SMALL LETTER D WITH TAIL  
0257 LATIN SMALL LETTER D WITH HOOK  
0258 LATIN SMALL LETTER REVERSED E  
0259 LATIN SMALL LETTER SCHWA  
025A LATIN SMALL LETTER SCHWA WITH HOOK  
025B LATIN SMALL LETTER OPEN E  
025C LATIN SMALL LETTER REVERSED OPEN E  
025D LATIN SMALL LETTER REVERSED OPEN E WITH HOOK  
025E LATIN SMALL LETTER CLOSED REVERSED OPEN E  
025F LATIN SMALL LETTER DOTLESS J WITH STROKE  
0260 LATIN SMALL LETTER G WITH HOOK  
0261 LATIN SMALL LETTER SCRIPT G  
0262 LATIN LETTER SMALL CAPITAL G  
0263 LATIN SMALL LETTER GAMMA  
0264 LATIN SMALL LETTER RAMS HORN  
0265 LATIN SMALL LETTER TURNED H  
0266 LATIN SMALL LETTER H WITH HOOK  
0267 LATIN SMALL LETTER HENG WITH HOOK  
0268 LATIN SMALL LETTER I WITH STROKE  
0269 LATIN SMALL LETTER IOTA  
026A LATIN LETTER SMALL CAPITAL I  
026B LATIN SMALL LETTER L WITH MIDDLE TILDE  
026C LATIN SMALL LETTER L WITH BELT  
026D LATIN SMALL LETTER L WITH RETROFLEX HOOK  
026E LATIN SMALL LETTER LEZH  
026F LATIN SMALL LETTER TURNED M  
0270 LATIN SMALL LETTER TURNED M WITH LONG LEG  
0271 LATIN SMALL LETTER M WITH HOOK  
0272 LATIN SMALL LETTER N WITH LEFT HOOK  
0273 LATIN SMALL LETTER N WITH RETROFLEX HOOK  
0274 LATIN LETTER SMALL CAPITAL N  
0275 LATIN SMALL LETTER BARRED O  
0276 LATIN LETTER SMALL CAPITAL OE  
0277 LATIN SMALL LETTER CLOSED OMEGA  
0278 LATIN SMALL LETTER PHI  
0279 LATIN SMALL LETTER TURNED R  
027A LATIN SMALL LETTER TURNED R WITH LONG LEG  
027B LATIN SMALL LETTER TURNED R WITH HOOK  
027C LATIN SMALL LETTER R WITH LONG LEG  
027D LATIN SMALL LETTER R WITH TAIL  
027E LATIN SMALL LETTER R WITH FISHHOOK  
027F LATIN SMALL LETTER REVERSED R WITH FISHHOOK  
0280 LATIN LETTER SMALL CAPITAL R  
0281 LATIN LETTER SMALL CAPITAL INVERTED R  
0282 LATIN SMALL LETTER S WITH HOOK  
0283 LATIN SMALL LETTER ESH  
0284 LATIN SMALL LETTER DOTLESS J WITH STROKE AND HOOK  
0285 LATIN SMALL LETTER SQUAT REVERSED ESH  
0286 LATIN SMALL LETTER ESH WITH CURL

0287 LATIN SMALL LETTER TURNED T  
0288 LATIN SMALL LETTER T WITH RETROFLEX HOOK  
0289 LATIN SMALL LETTER U BAR  
028A LATIN SMALL LETTER UPSILON  
028B LATIN SMALL LETTER V WITH HOOK  
028C LATIN SMALL LETTER TURNED V  
028D LATIN SMALL LETTER TURNED W  
028E LATIN SMALL LETTER TURNED Y  
028F LATIN LETTER SMALL CAPITAL Y  
0290 LATIN SMALL LETTER Z WITH RETROFLEX HOOK  
0291 LATIN SMALL LETTER Z WITH CURL  
0292 LATIN SMALL LETTER EZH  
0293 LATIN SMALL LETTER EZH WITH CURL  
0294 LATIN LETTER GLOTTAL STOP  
0295 LATIN LETTER PHARYNGEAL VOICED FRICATIVE  
0296 LATIN LETTER INVERTED GLOTTAL STOP  
0297 LATIN LETTER STRETCHED C  
0298 LATIN LETTER BILABIAL CLICK  
0299 LATIN LETTER SMALL CAPITAL B  
029A LATIN SMALL LETTER CLOSED OPEN E  
029B LATIN LETTER SMALL CAPITAL G WITH HOOK  
029C LATIN LETTER SMALL CAPITAL H  
029D LATIN SMALL LETTER J WITH CROSSED-TAIL  
029E LATIN SMALL LETTER TURNED K  
029F LATIN LETTER SMALL CAPITAL L  
02A0 LATIN SMALL LETTER Q WITH HOOK  
02A1 LATIN LETTER GLOTTAL STOP WITH STROKE  
02A2 LATIN LETTER REVERSED GLOTTAL STOP WITH STROKE  
02A3 LATIN SMALL LETTER DZ DIGRAPH  
02A4 LATIN SMALL LETTER DEZH DIGRAPH  
02A5 LATIN SMALL LETTER DZ DIGRAPH WITH CURL  
02A6 LATIN SMALL LETTER TS DIGRAPH  
02A7 LATIN SMALL LETTER TESH DIGRAPH  
02A8 LATIN SMALL LETTER TC DIGRAPH WITH CURL  
02B0 MODIFIER LETTER SMALL H  
02B1 MODIFIER LETTER SMALL H WITH HOOK  
02B2 MODIFIER LETTER SMALL J  
02B3 MODIFIER LETTER SMALL R  
02B4 MODIFIER LETTER SMALL TURNED R  
02B5 MODIFIER LETTER SMALL TURNED R WITH HOOK  
02B6 MODIFIER LETTER SMALL CAPITAL INVERTED R  
02B7 MODIFIER LETTER SMALL W  
02B8 MODIFIER LETTER SMALL Y  
02B9 MODIFIER LETTER PRIME  
02BA MODIFIER LETTER DOUBLE PRIME  
02BB MODIFIER LETTER TURNED COMMA  
02BC MODIFIER LETTER APOSTROPHE  
02BD MODIFIER LETTER REVERSED COMMA  
02BE MODIFIER LETTER RIGHT HALF RING  
02BF MODIFIER LETTER LEFT HALF RING  
02C0 MODIFIER LETTER GLOTTAL STOP  
02C1 MODIFIER LETTER REVERSED GLOTTAL STOP  
02C2 MODIFIER LETTER LEFT ARROWHEAD  
02C3 MODIFIER LETTER RIGHT ARROWHEAD  
02C4 MODIFIER LETTER UP ARROWHEAD  
02C5 MODIFIER LETTER DOWN ARROWHEAD  
02C6 MODIFIER LETTER CIRCUMFLEX ACCENT  
02C7 CARON (Mandarin Chinese third tone)  
02C8 MODIFIER LETTER VERTICAL LINE  
02C9 MODIFIER LETTER MACRON (Mandarin Chinese first tone)  
02CA MODIFIER LETTER ACUTE ACCENT (Mandarin Chinese second tone)

02CB MODIFIER LETTER GRAVE ACCENT (Mandarin Chinese fourth tone)  
02CC MODIFIER LETTER LOW VERTICAL LINE  
02CD MODIFIER LETTER LOW MACRON  
02CE MODIFIER LETTER LOW GRAVE ACCENT  
02CF MODIFIER LETTER LOW ACUTE ACCENT  
02D0 MODIFIER LETTER TRIANGULAR COLON  
02D1 MODIFIER LETTER HALF TRIANGULAR COLON  
02D2 MODIFIER LETTER CENTRED RIGHT HALF RING  
02D3 MODIFIER LETTER CENTRED LEFT HALF RING  
02D4 MODIFIER LETTER UP TACK  
02D5 MODIFIER LETTER DOWN TACK  
02D6 MODIFIER LETTER PLUS SIGN  
02D7 MODIFIER LETTER MINUS SIGN  
02D8 BREVE  
02D9 DOT ABOVE (Mandarin Chinese light tone)  
02DA RING ABOVE  
02DB OGONEK  
02DC SMALL TILDE  
02DD DOUBLE ACUTE ACCENT  
02DE MODIFIER LETTER RHOTIC HOOK  
02E0 MODIFIER LETTER SMALL GAMMA  
02E1 MODIFIER LETTER SMALL L  
02E2 MODIFIER LETTER SMALL S  
02E3 MODIFIER LETTER SMALL X  
02E4 MODIFIER LETTER SMALL REVERSED GLOTTAL STOP  
02E5 MODIFIER LETTER EXTRA-HIGH TONE BAR  
02E6 MODIFIER LETTER HIGH TONE BAR  
02E7 MODIFIER LETTER MID TONE BAR  
02E8 MODIFIER LETTER LOW TONE BAR  
02E9 MODIFIER LETTER EXTRA-LOW TONE BAR  
0300 COMBINING GRAVE ACCENT (Varia)  
0301 COMBINING ACUTE ACCENT (Oxia)  
0302 COMBINING CIRCUMFLEX ACCENT  
0303 COMBINING TILDE  
0304 COMBINING MACRON  
0305 COMBINING OVERLINE  
0306 COMBINING BREVE (Vrachy)  
0307 COMBINING DOT ABOVE  
0308 COMBINING DIAERESIS (Dialytika)  
0309 COMBINING HOOK ABOVE  
030A COMBINING RING ABOVE  
030B COMBINING DOUBLE ACUTE ACCENT  
030C COMBINING CARON  
030D COMBINING VERTICAL LINE ABOVE (Tonos)  
030E COMBINING DOUBLE VERTICAL LINE ABOVE  
030F COMBINING DOUBLE GRAVE ACCENT  
0310 COMBINING CANDRABINDU  
0311 COMBINING INVERTED BREVE  
0312 COMBINING TURNED COMMA ABOVE  
0313 COMBINING COMMA ABOVE (Psili)  
0314 COMBINING REVERSED COMMA ABOVE (Dasia)  
0315 COMBINING COMMA ABOVE RIGHT  
0316 COMBINING GRAVE ACCENT BELOW  
0317 COMBINING ACUTE ACCENT BELOW  
0318 COMBINING LEFT TACK BELOW  
0319 COMBINING RIGHT TACK BELOW  
031A COMBINING LEFT ANGLE ABOVE  
031B COMBINING HORN  
031C COMBINING LEFT HALF RING BELOW  
031D COMBINING UP TACK BELOW  
031E COMBINING DOWN TACK BELOW

031F COMBINING PLUS SIGN BELOW  
0320 COMBINING MINUS SIGN BELOW  
0321 COMBINING PALATALIZED HOOK BELOW  
0322 COMBINING RETROFLEX HOOK BELOW  
0323 COMBINING DOT BELOW  
0324 COMBINING DIAERESIS BELOW  
0325 COMBINING RING BELOW  
0326 COMBINING COMMA BELOW  
0327 COMBINING CEDILLA  
0328 COMBINING OGONEK  
0329 COMBINING VERTICAL LINE BELOW  
032A COMBINING BRIDGE BELOW  
032B COMBINING INVERTED DOUBLE ARCH BELOW  
032C COMBINING CARON BELOW  
032D COMBINING CIRCUMFLEX ACCENT BELOW  
032E COMBINING BREVE BELOW  
032F COMBINING INVERTED BREVE BELOW  
0330 COMBINING TILDE BELOW  
0331 COMBINING MACRON BELOW  
0332 COMBINING LOW LINE  
0333 COMBINING DOUBLE LOW LINE  
0334 COMBINING TILDE OVERLAY  
0335 COMBINING SHORT STROKE OVERLAY  
0336 COMBINING LONG STROKE OVERLAY  
0337 COMBINING SHORT SOLIDUS OVERLAY  
0338 COMBINING LONG SOLIDUS OVERLAY  
0339 COMBINING RIGHT HALF RING BELOW  
033A COMBINING INVERTED BRIDGE BELOW  
033B COMBINING SQUARE BELOW  
033C COMBINING SEAGULL BELOW  
033D COMBINING X ABOVE  
033E COMBINING VERTICAL TILDE  
033F COMBINING DOUBLE OVERLINE  
0340 COMBINING GRAVE TONE MARK (Vietnamese)  
0341 COMBINING ACUTE TONE MARK (Vietnamese)  
0342 COMBINING GREEK PERISPOMENI  
0343 COMBINING GREEK KORONIS  
0344 COMBINING GREEK DIALYTIKA TONOS  
0345 COMBINING GREEK YPOGEGRAMMENI  
0360 COMBINING DOUBLE TILDE  
0361 COMBINING DOUBLE INVERTED BREVE  
0374 GREEK NUMERAL SIGN (Dexia keraia)  
0375 GREEK LOWER NUMERAL SIGN (Aristeri keraia)  
037A GREEK YPOGEGRAMMENI  
037E GREEK QUESTION MARK (Erotimatiko)  
0384 GREEK TONOS  
0385 GREEK DIALYTIKA TONOS  
0386 GREEK CAPITAL LETTER ALPHA WITH TONOS  
0387 GREEK ANO TELEIA  
0388 GREEK CAPITAL LETTER EPSILON WITH TONOS  
0389 GREEK CAPITAL LETTER ETA WITH TONOS  
038A GREEK CAPITAL LETTER IOTA WITH TONOS  
038C GREEK CAPITAL LETTER OMICRON WITH TONOS  
038E GREEK CAPITAL LETTER UPSILON WITH TONOS  
038F GREEK CAPITAL LETTER OMEGA WITH TONOS  
0390 GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
0391 GREEK CAPITAL LETTER ALPHA  
0392 GREEK CAPITAL LETTER BETA  
0393 GREEK CAPITAL LETTER GAMMA  
0394 GREEK CAPITAL LETTER DELTA  
0395 GREEK CAPITAL LETTER EPSILON

0396 GREEK CAPITAL LETTER ZETA  
0397 GREEK CAPITAL LETTER ETA  
0398 GREEK CAPITAL LETTER THETA  
0399 GREEK CAPITAL LETTER IOTA  
039A GREEK CAPITAL LETTER KAPPA  
039B GREEK CAPITAL LETTER LAMDA  
039C GREEK CAPITAL LETTER MU  
039D GREEK CAPITAL LETTER NU  
039E GREEK CAPITAL LETTER XI  
039F GREEK CAPITAL LETTER OMICRON  
03A0 GREEK CAPITAL LETTER PI  
03A1 GREEK CAPITAL LETTER RHO  
03A3 GREEK CAPITAL LETTER SIGMA  
03A4 GREEK CAPITAL LETTER TAU  
03A5 GREEK CAPITAL LETTER UPSILON  
03A6 GREEK CAPITAL LETTER PHI  
03A7 GREEK CAPITAL LETTER CHI  
03A8 GREEK CAPITAL LETTER PSI  
03A9 GREEK CAPITAL LETTER OMEGA  
03AA GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
03AB GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
03AC GREEK SMALL LETTER ALPHA WITH TONOS  
03AD GREEK SMALL LETTER EPSILON WITH TONOS  
03AE GREEK SMALL LETTER ETA WITH TONOS  
03AF GREEK SMALL LETTER IOTA WITH TONOS  
03B0 GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS  
03B1 GREEK SMALL LETTER ALPHA  
03B2 GREEK SMALL LETTER BETA  
03B3 GREEK SMALL LETTER GAMMA  
03B4 GREEK SMALL LETTER DELTA  
03B5 GREEK SMALL LETTER EPSILON  
03B6 GREEK SMALL LETTER ZETA  
03B7 GREEK SMALL LETTER ETA  
03B8 GREEK SMALL LETTER THETA  
03B9 GREEK SMALL LETTER IOTA  
03BA GREEK SMALL LETTER KAPPA  
03BB GREEK SMALL LETTER LAMDA  
03BC GREEK SMALL LETTER MU  
03BD GREEK SMALL LETTER NU  
03BE GREEK SMALL LETTER XI  
03BF GREEK SMALL LETTER OMICRON  
03C0 GREEK SMALL LETTER PI  
03C1 GREEK SMALL LETTER RHO  
03C2 GREEK SMALL LETTER FINAL SIGMA  
03C3 GREEK SMALL LETTER SIGMA  
03C4 GREEK SMALL LETTER TAU  
03C5 GREEK SMALL LETTER UPSILON  
03C6 GREEK SMALL LETTER PHI  
03C7 GREEK SMALL LETTER CHI  
03C8 GREEK SMALL LETTER PSI  
03C9 GREEK SMALL LETTER OMEGA  
03CA GREEK SMALL LETTER IOTA WITH DIALYTIKA  
03CB GREEK SMALL LETTER UPSILON WITH DIALYTIKA  
03CC GREEK SMALL LETTER OMICRON WITH TONOS  
03CD GREEK SMALL LETTER UPSILON WITH TONOS  
03CE GREEK SMALL LETTER OMEGA WITH TONOS  
03D0 GREEK BETA SYMBOL  
03D1 GREEK THETA SYMBOL  
03D2 GREEK UPSILON WITH HOOK SYMBOL  
03D3 GREEK UPSILON WITH ACUTE AND HOOK SYMBOL  
03D4 GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL

03D5 GREEK PHI SYMBOL  
03D6 GREEK PI SYMBOL  
03DA GREEK LETTER STIGMA  
03DC GREEK LETTER DIGAMMA  
03DE GREEK LETTER KOPPA  
03E0 GREEK LETTER SAMPI  
03E2 COPTIC CAPITAL LETTER SHEI  
03E3 COPTIC SMALL LETTER SHEI  
03E4 COPTIC CAPITAL LETTER FEI  
03E5 COPTIC SMALL LETTER FEI  
03E6 COPTIC CAPITAL LETTER KHEI  
03E7 COPTIC SMALL LETTER KHEI  
03E8 COPTIC CAPITAL LETTER HORI  
03E9 COPTIC SMALL LETTER HORI  
03EA COPTIC CAPITAL LETTER GANGIA  
03EB COPTIC SMALL LETTER GANGIA  
03EC COPTIC CAPITAL LETTER SHIMA  
03ED COPTIC SMALL LETTER SHIMA  
03EE COPTIC CAPITAL LETTER DEI  
03EF COPTIC SMALL LETTER DEI  
03F0 GREEK KAPPA SYMBOL  
03F1 GREEK RHO SYMBOL  
03F2 GREEK LUNATE SIGMA SYMBOL  
03F3 GREEK LETTER YOT  
0401 CYRILLIC CAPITAL LETTER IO  
0402 CYRILLIC CAPITAL LETTER DJE (Serbocroatian)  
0403 CYRILLIC CAPITAL LETTER GJE  
0404 CYRILLIC CAPITAL LETTER UKRAINIAN IE  
0405 CYRILLIC CAPITAL LETTER DZE  
0406 CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I  
0407 CYRILLIC CAPITAL LETTER YI (Ukrainian)  
0408 CYRILLIC CAPITAL LETTER JE  
0409 CYRILLIC CAPITAL LETTER LJE  
040A CYRILLIC CAPITAL LETTER NJE  
040B CYRILLIC CAPITAL LETTER TSHE (Serbocroatian)  
040C CYRILLIC CAPITAL LETTER KJE  
040E CYRILLIC CAPITAL LETTER SHORT U (Byelorussian)  
040F CYRILLIC CAPITAL LETTER DZHE  
0410 CYRILLIC CAPITAL LETTER A  
0411 CYRILLIC CAPITAL LETTER BE  
0412 CYRILLIC CAPITAL LETTER VE  
0413 CYRILLIC CAPITAL LETTER GHE  
0414 CYRILLIC CAPITAL LETTER DE  
0415 CYRILLIC CAPITAL LETTER IE  
0416 CYRILLIC CAPITAL LETTER ZHE  
0417 CYRILLIC CAPITAL LETTER ZE  
0418 CYRILLIC CAPITAL LETTER I  
0419 CYRILLIC CAPITAL LETTER SHORT I  
041A CYRILLIC CAPITAL LETTER KA  
041B CYRILLIC CAPITAL LETTER EL  
041C CYRILLIC CAPITAL LETTER EM  
041D CYRILLIC CAPITAL LETTER EN  
041E CYRILLIC CAPITAL LETTER O  
041F CYRILLIC CAPITAL LETTER PE  
0420 CYRILLIC CAPITAL LETTER ER  
0421 CYRILLIC CAPITAL LETTER ES  
0422 CYRILLIC CAPITAL LETTER TE  
0423 CYRILLIC CAPITAL LETTER U  
0424 CYRILLIC CAPITAL LETTER EF  
0425 CYRILLIC CAPITAL LETTER HA  
0426 CYRILLIC CAPITAL LETTER TSE

0427 CYRILLIC CAPITAL LETTER CHE  
0428 CYRILLIC CAPITAL LETTER SHA  
0429 CYRILLIC CAPITAL LETTER SHCHA  
042A CYRILLIC CAPITAL LETTER HARD SIGN  
042B CYRILLIC CAPITAL LETTER YERU  
042C CYRILLIC CAPITAL LETTER SOFT SIGN  
042D CYRILLIC CAPITAL LETTER E  
042E CYRILLIC CAPITAL LETTER YU  
042F CYRILLIC CAPITAL LETTER YA  
0430 CYRILLIC SMALL LETTER A  
0431 CYRILLIC SMALL LETTER BE  
0432 CYRILLIC SMALL LETTER VE  
0433 CYRILLIC SMALL LETTER GHE  
0434 CYRILLIC SMALL LETTER DE  
0435 CYRILLIC SMALL LETTER IE  
0436 CYRILLIC SMALL LETTER ZHE  
0437 CYRILLIC SMALL LETTER ZE  
0438 CYRILLIC SMALL LETTER I  
0439 CYRILLIC SMALL LETTER SHORT I  
043A CYRILLIC SMALL LETTER KA  
043B CYRILLIC SMALL LETTER EL  
043C CYRILLIC SMALL LETTER EM  
043D CYRILLIC SMALL LETTER EN  
043E CYRILLIC SMALL LETTER O  
043F CYRILLIC SMALL LETTER PE  
0440 CYRILLIC SMALL LETTER ER  
0441 CYRILLIC SMALL LETTER ES  
0442 CYRILLIC SMALL LETTER TE  
0443 CYRILLIC SMALL LETTER U  
0444 CYRILLIC SMALL LETTER EF  
0445 CYRILLIC SMALL LETTER HA  
0446 CYRILLIC SMALL LETTER TSE  
0447 CYRILLIC SMALL LETTER CHE  
0448 CYRILLIC SMALL LETTER SHA  
0449 CYRILLIC SMALL LETTER SHCHA  
044A CYRILLIC SMALL LETTER HARD SIGN  
044B CYRILLIC SMALL LETTER YERU  
044C CYRILLIC SMALL LETTER SOFT SIGN  
044D CYRILLIC SMALL LETTER E  
044E CYRILLIC SMALL LETTER YU  
044F CYRILLIC SMALL LETTER YA  
0451 CYRILLIC SMALL LETTER IO  
0452 CYRILLIC SMALL LETTER DJE (Serbocroatian)  
0453 CYRILLIC SMALL LETTER GJE  
0454 CYRILLIC SMALL LETTER UKRAINIAN IE  
0455 CYRILLIC SMALL LETTER DZE  
0456 CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
0457 CYRILLIC SMALL LETTER YI (Ukrainian)  
0458 CYRILLIC SMALL LETTER JE  
0459 CYRILLIC SMALL LETTER LJE  
045A CYRILLIC SMALL LETTER NJE  
045B CYRILLIC SMALL LETTER TSHE (Serbocroatian)  
045C CYRILLIC SMALL LETTER KJE  
045E CYRILLIC SMALL LETTER SHORT U (Byelorussian)  
045F CYRILLIC SMALL LETTER DZHE  
0460 CYRILLIC CAPITAL LETTER OMEGA  
0461 CYRILLIC SMALL LETTER OMEGA  
0462 CYRILLIC CAPITAL LETTER YAT  
0463 CYRILLIC SMALL LETTER YAT  
0464 CYRILLIC CAPITAL LETTER IOTIFIED E  
0465 CYRILLIC SMALL LETTER IOTIFIED E

0466 CYRILLIC CAPITAL LETTER LITTLE YUS  
0467 CYRILLIC SMALL LETTER LITTLE YUS  
0468 CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS  
0469 CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS  
046A CYRILLIC CAPITAL LETTER BIG YUS  
046B CYRILLIC SMALL LETTER BIG YUS  
046C CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS  
046D CYRILLIC SMALL LETTER IOTIFIED BIG YUS  
046E CYRILLIC CAPITAL LETTER KSI  
046F CYRILLIC SMALL LETTER KSI  
0470 CYRILLIC CAPITAL LETTER PSI  
0471 CYRILLIC SMALL LETTER PSI  
0472 CYRILLIC CAPITAL LETTER FITA  
0473 CYRILLIC SMALL LETTER FITA  
0474 CYRILLIC CAPITAL LETTER IZHITSA  
0475 CYRILLIC SMALL LETTER IZHITSA  
0476 CYRILLIC CAPITAL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT  
0477 CYRILLIC SMALL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT  
0478 CYRILLIC CAPITAL LETTER UK  
0479 CYRILLIC SMALL LETTER UK  
047A CYRILLIC CAPITAL LETTER ROUND OMEGA  
047B CYRILLIC SMALL LETTER ROUND OMEGA  
047C CYRILLIC CAPITAL LETTER OMEGA WITH TITLO  
047D CYRILLIC SMALL LETTER OMEGA WITH TITLO  
047E CYRILLIC CAPITAL LETTER OT  
047F CYRILLIC SMALL LETTER OT  
0480 CYRILLIC CAPITAL LETTER KOPPA  
0481 CYRILLIC SMALL LETTER KOPPA  
0482 CYRILLIC THOUSANDS SIGN  
0483 COMBINING CYRILLIC TITLO  
0484 COMBINING CYRILLIC PALATALIZATION  
0485 COMBINING CYRILLIC DASIA PNEUMATA  
0486 COMBINING CYRILLIC PSILI PNEUMATA  
0490 CYRILLIC CAPITAL LETTER GHE WITH UPTURN  
0491 CYRILLIC SMALL LETTER GHE WITH UPTURN  
0492 CYRILLIC CAPITAL LETTER GHE WITH STROKE  
0493 CYRILLIC SMALL LETTER GHE WITH STROKE  
0494 CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK  
0495 CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK  
0496 CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER  
0497 CYRILLIC SMALL LETTER ZHE WITH DESCENDER  
0498 CYRILLIC CAPITAL LETTER ZE WITH DESCENDER  
0499 CYRILLIC SMALL LETTER ZE WITH DESCENDER  
049A CYRILLIC CAPITAL LETTER KA WITH DESCENDER  
049B CYRILLIC SMALL LETTER KA WITH DESCENDER  
049C CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE  
049D CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE  
049E CYRILLIC CAPITAL LETTER KA WITH STROKE  
049F CYRILLIC SMALL LETTER KA WITH STROKE  
04A0 CYRILLIC CAPITAL LETTER BASHKIR KA  
04A1 CYRILLIC SMALL LETTER BASHKIR KA  
04A2 CYRILLIC CAPITAL LETTER EN WITH DESCENDER  
04A3 CYRILLIC SMALL LETTER EN WITH DESCENDER  
04A4 CYRILLIC CAPITAL LIGATURE EN GHE  
04A5 CYRILLIC SMALL LIGATURE EN GHE  
04A6 CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK (Abkhasian)  
04A7 CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK (Abkhasian)  
04A8 CYRILLIC CAPITAL LETTER ABKHASIAN HA  
04A9 CYRILLIC SMALL LETTER ABKHASIAN HA  
04AA CYRILLIC CAPITAL LETTER ES WITH DESCENDER  
04AB CYRILLIC SMALL LETTER ES WITH DESCENDER



04AC CYRILLIC CAPITAL LETTER TE WITH DESCENDER  
04AD CYRILLIC SMALL LETTER TE WITH DESCENDER  
04AE CYRILLIC CAPITAL LETTER STRAIGHT U  
04AF CYRILLIC SMALL LETTER STRAIGHT U  
04B0 CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE  
04B1 CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE  
04B2 CYRILLIC CAPITAL LETTER HA WITH DESCENDER  
04B3 CYRILLIC SMALL LETTER HA WITH DESCENDER  
04B4 CYRILLIC CAPITAL LIGATURE TE TSE (Abkhasian)  
04B5 CYRILLIC SMALL LIGATURE TE TSE (Abkhasian)  
04B6 CYRILLIC CAPITAL LETTER CHE WITH DESCENDER  
04B7 CYRILLIC SMALL LETTER CHE WITH DESCENDER  
04B8 CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE  
04B9 CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE  
04BA CYRILLIC CAPITAL LETTER SHHA  
04BB CYRILLIC SMALL LETTER SHHA  
04BC CYRILLIC CAPITAL LETTER ABKHASIAN CHE  
04BD CYRILLIC SMALL LETTER ABKHASIAN CHE  
04BE CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER  
04BF CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER  
04C0 CYRILLIC LETTER PALOCHKA  
04C1 CYRILLIC CAPITAL LETTER ZHE WITH BREVE  
04C2 CYRILLIC SMALL LETTER ZHE WITH BREVE  
04C3 CYRILLIC CAPITAL LETTER KA WITH HOOK  
04C4 CYRILLIC SMALL LETTER KA WITH HOOK  
04C7 CYRILLIC CAPITAL LETTER EN WITH HOOK  
04C8 CYRILLIC SMALL LETTER EN WITH HOOK  
04CB CYRILLIC CAPITAL LETTER KHAKASSIAN CHE  
04CC CYRILLIC SMALL LETTER KHAKASSIAN CHE  
04D0 CYRILLIC CAPITAL LETTER A WITH BREVE  
04D1 CYRILLIC SMALL LETTER A WITH BREVE  
04D2 CYRILLIC CAPITAL LETTER A WITH DIAERESIS  
04D3 CYRILLIC SMALL LETTER A WITH DIAERESIS  
04D4 CYRILLIC CAPITAL LIGATURE A IE  
04D5 CYRILLIC SMALL LIGATURE A IE  
04D6 CYRILLIC CAPITAL LETTER IE WITH BREVE  
04D7 CYRILLIC SMALL LETTER IE WITH BREVE  
04D8 CYRILLIC CAPITAL LETTER SCHWA  
04D9 CYRILLIC SMALL LETTER SCHWA  
04DA CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS  
04DB CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS  
04DC CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS  
04DD CYRILLIC SMALL LETTER ZHE WITH DIAERESIS  
04DE CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS  
04DF CYRILLIC SMALL LETTER ZE WITH DIAERESIS  
04E0 CYRILLIC CAPITAL LETTER ABKHASIAN DZE  
04E1 CYRILLIC SMALL LETTER ABKHASIAN DZE  
04E2 CYRILLIC CAPITAL LETTER I WITH MACRON  
04E3 CYRILLIC SMALL LETTER I WITH MACRON  
04E4 CYRILLIC CAPITAL LETTER I WITH DIAERESIS  
04E5 CYRILLIC SMALL LETTER I WITH DIAERESIS  
04E6 CYRILLIC CAPITAL LETTER O WITH DIAERESIS  
04E7 CYRILLIC SMALL LETTER O WITH DIAERESIS  
04E8 CYRILLIC CAPITAL LETTER BARRED O  
04E9 CYRILLIC SMALL LETTER BARRED O  
04EA CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS  
04EB CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS  
04EE CYRILLIC CAPITAL LETTER U WITH MACRON  
04EF CYRILLIC SMALL LETTER U WITH MACRON  
04F0 CYRILLIC CAPITAL LETTER U WITH DIAERESIS  
04F1 CYRILLIC SMALL LETTER U WITH DIAERESIS

04F2 CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE  
04F3 CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE  
04F4 CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS  
04F5 CYRILLIC SMALL LETTER CHE WITH DIAERESIS  
04F8 CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS  
04F9 CYRILLIC SMALL LETTER YERU WITH DIAERESIS  
0531 ARMENIAN CAPITAL LETTER AYB  
0532 ARMENIAN CAPITAL LETTER BEN  
0533 ARMENIAN CAPITAL LETTER GIM  
0534 ARMENIAN CAPITAL LETTER DA  
0535 ARMENIAN CAPITAL LETTER ECH  
0536 ARMENIAN CAPITAL LETTER ZA  
0537 ARMENIAN CAPITAL LETTER EH  
0538 ARMENIAN CAPITAL LETTER ET  
0539 ARMENIAN CAPITAL LETTER TO  
053A ARMENIAN CAPITAL LETTER ZHE  
053B ARMENIAN CAPITAL LETTER INI  
053C ARMENIAN CAPITAL LETTER LIWN  
053D ARMENIAN CAPITAL LETTER XEH  
053E ARMENIAN CAPITAL LETTER CA  
053F ARMENIAN CAPITAL LETTER KEN  
0540 ARMENIAN CAPITAL LETTER HO  
0541 ARMENIAN CAPITAL LETTER JA  
0542 ARMENIAN CAPITAL LETTER GHAD  
0543 ARMENIAN CAPITAL LETTER CHEH  
0544 ARMENIAN CAPITAL LETTER MEN  
0545 ARMENIAN CAPITAL LETTER YI  
0546 ARMENIAN CAPITAL LETTER NOW  
0547 ARMENIAN CAPITAL LETTER SHA  
0548 ARMENIAN CAPITAL LETTER VO  
0549 ARMENIAN CAPITAL LETTER CHA  
054A ARMENIAN CAPITAL LETTER PEH  
054B ARMENIAN CAPITAL LETTER JHEH  
054C ARMENIAN CAPITAL LETTER RA  
054D ARMENIAN CAPITAL LETTER SEH  
054E ARMENIAN CAPITAL LETTER VEW  
054F ARMENIAN CAPITAL LETTER TIWN  
0550 ARMENIAN CAPITAL LETTER REH  
0551 ARMENIAN CAPITAL LETTER CO  
0552 ARMENIAN CAPITAL LETTER YIWN  
0553 ARMENIAN CAPITAL LETTER PIWR  
0554 ARMENIAN CAPITAL LETTER KEH  
0555 ARMENIAN CAPITAL LETTER OH  
0556 ARMENIAN CAPITAL LETTER FEH  
0559 ARMENIAN MODIFIER LETTER LEFT HALF RING  
055A ARMENIAN APOSTROPHE  
055B ARMENIAN EMPHASIS MARK  
055C ARMENIAN EXCLAMATION MARK  
055D ARMENIAN COMMA  
055E ARMENIAN QUESTION MARK  
055F ARMENIAN ABBREVIATION MARK  
0561 ARMENIAN SMALL LETTER AYB  
0562 ARMENIAN SMALL LETTER BEN  
0563 ARMENIAN SMALL LETTER GIM  
0564 ARMENIAN SMALL LETTER DA  
0565 ARMENIAN SMALL LETTER ECH  
0566 ARMENIAN SMALL LETTER ZA  
0567 ARMENIAN SMALL LETTER EH  
0568 ARMENIAN SMALL LETTER ET  
0569 ARMENIAN SMALL LETTER TO  
056A ARMENIAN SMALL LETTER ZHE

056B ARMENIAN SMALL LETTER INI  
056C ARMENIAN SMALL LETTER LIWN  
056D ARMENIAN SMALL LETTER XEH  
056E ARMENIAN SMALL LETTER CA  
056F ARMENIAN SMALL LETTER KEN  
0570 ARMENIAN SMALL LETTER HO  
0571 ARMENIAN SMALL LETTER JA  
0572 ARMENIAN SMALL LETTER GHAD  
0573 ARMENIAN SMALL LETTER CHEH  
0574 ARMENIAN SMALL LETTER MEN  
0575 ARMENIAN SMALL LETTER YI  
0576 ARMENIAN SMALL LETTER NOW  
0577 ARMENIAN SMALL LETTER SHA  
0578 ARMENIAN SMALL LETTER VO  
0579 ARMENIAN SMALL LETTER CHA  
057A ARMENIAN SMALL LETTER PEH  
057B ARMENIAN SMALL LETTER JHEH  
057C ARMENIAN SMALL LETTER RA  
057D ARMENIAN SMALL LETTER SEH  
057E ARMENIAN SMALL LETTER VEW  
057F ARMENIAN SMALL LETTER TIWN  
0580 ARMENIAN SMALL LETTER REH  
0581 ARMENIAN SMALL LETTER CO  
0582 ARMENIAN SMALL LETTER YIWN  
0583 ARMENIAN SMALL LETTER PIWR  
0584 ARMENIAN SMALL LETTER KEH  
0585 ARMENIAN SMALL LETTER OH  
0586 ARMENIAN SMALL LETTER FEH  
0587 ARMENIAN SMALL LIGATURE ECH YIWN  
0589 ARMENIAN FULL STOP  
0591 HEBREW ACCENT ETNAHTA  
0592 HEBREW ACCENT SEGOL  
0593 HEBREW ACCENT SHALSHELET  
0594 HEBREW ACCENT ZAQEF QATAN  
0595 HEBREW ACCENT ZAQEF GADOL  
0596 HEBREW ACCENT TIPEHA  
0597 HEBREW ACCENT REVIA  
0598 HEBREW ACCENT ZARQA  
0599 HEBREW ACCENT PASHTA  
059A HEBREW ACCENT YETIV  
059B HEBREW ACCENT TEVIR  
059C HEBREW ACCENT GERESH  
059D HEBREW ACCENT GERESH MUQDAM  
059E HEBREW ACCENT GERSHAYIM  
059F HEBREW ACCENT QARNEY PARA  
05A0 HEBREW ACCENT TELISHA GEDOLA  
05A1 HEBREW ACCENT PAZER  
05A3 HEBREW ACCENT MUNAH  
05A4 HEBREW ACCENT MAHAPAKH  
05A5 HEBREW ACCENT MERKHA  
05A6 HEBREW ACCENT MERKHA KEFULA  
05A7 HEBREW ACCENT DARGA  
05A8 HEBREW ACCENT QADMA  
05A9 HEBREW ACCENT TELISHA QETANA  
05AA HEBREW ACCENT YERAH BEN YOMO  
05AB HEBREW ACCENT OLE  
05AC HEBREW ACCENT ILUY  
05AD HEBREW ACCENT DEHI  
05AE HEBREW ACCENT ZINOR  
05AF HEBREW MARK MASORA CIRCLE  
05B0 HEBREW POINT SHEVA

05B1 HEBREW POINT HATAF SEGOL  
05B2 HEBREW POINT HATAF PATAH  
05B3 HEBREW POINT HATAF QAMATS  
05B4 HEBREW POINT HIRIQ  
05B5 HEBREW POINT TSERE  
05B6 HEBREW POINT SEGOL  
05B7 HEBREW POINT PATAH  
05B8 HEBREW POINT QAMATS  
05B9 HEBREW POINT HOLAM  
05BB HEBREW POINT QUBUTS  
05BC HEBREW POINT DAGESH OR MAPIQ  
05BD HEBREW POINT METEG  
05BE HEBREW PUNCTUATION MAQAF  
05BF HEBREW POINT RAFE  
05C0 HEBREW PUNCTUATION PASEQ  
05C1 HEBREW POINT SHIN DOT  
05C2 HEBREW POINT SIN DOT  
05C3 HEBREW PUNCTUATION SOF PASUQ  
05C4 HEBREW MARK UPPER DOT  
05D0 HEBREW LETTER ALEF  
05D1 HEBREW LETTER BET  
05D2 HEBREW LETTER GIMEL  
05D3 HEBREW LETTER DALET  
05D4 HEBREW LETTER HE  
05D5 HEBREW LETTER VAV  
05D6 HEBREW LETTER ZAYIN  
05D7 HEBREW LETTER HET  
05D8 HEBREW LETTER TET  
05D9 HEBREW LETTER YOD  
05DA HEBREW LETTER FINAL KAF  
05DB HEBREW LETTER KAF  
05DC HEBREW LETTER LAMED  
05DD HEBREW LETTER FINAL MEM  
05DE HEBREW LETTER MEM  
05DF HEBREW LETTER FINAL NUN  
05E0 HEBREW LETTER NUN  
05E1 HEBREW LETTER SAMEKH  
05E2 HEBREW LETTER AYIN  
05E3 HEBREW LETTER FINAL PE  
05E4 HEBREW LETTER PE  
05E5 HEBREW LETTER FINAL TSADI  
05E6 HEBREW LETTER TSADI  
05E7 HEBREW LETTER QOF  
05E8 HEBREW LETTER RESH  
05E9 HEBREW LETTER SHIN  
05EA HEBREW LETTER TAV  
05F0 HEBREW LIGATURE YIDDISH DOUBLE VAV  
05F1 HEBREW LIGATURE YIDDISH VAV YOD  
05F2 HEBREW LIGATURE YIDDISH DOUBLE YOD  
05F3 HEBREW PUNCTUATION GERESH  
05F4 HEBREW PUNCTUATION GERSHAYIM  
060C ARABIC COMMA  
061B ARABIC SEMICOLON  
061F ARABIC QUESTION MARK  
0621 ARABIC LETTER HAMZA  
0622 ARABIC LETTER ALEF WITH MADDA ABOVE  
0623 ARABIC LETTER ALEF WITH HAMZA ABOVE  
0624 ARABIC LETTER WAW WITH HAMZA ABOVE  
0625 ARABIC LETTER ALEF WITH HAMZA BELOW  
0626 ARABIC LETTER YEH WITH HAMZA ABOVE  
0627 ARABIC LETTER ALEF

0628 ARABIC LETTER BEH  
0629 ARABIC LETTER TEH MARBUTA  
062A ARABIC LETTER TEH  
062B ARABIC LETTER THEH  
062C ARABIC LETTER JEEM  
062D ARABIC LETTER HAH  
062E ARABIC LETTER KHAH  
062F ARABIC LETTER DAL  
0630 ARABIC LETTER THAL  
0631 ARABIC LETTER REH  
0632 ARABIC LETTER ZAIN  
0633 ARABIC LETTER SEEN  
0634 ARABIC LETTER SHEEN  
0635 ARABIC LETTER SAD  
0636 ARABIC LETTER DAD  
0637 ARABIC LETTER TAH  
0638 ARABIC LETTER ZAH  
0639 ARABIC LETTER AIN  
063A ARABIC LETTER GHAIN  
0640 ARABIC TATWEEL  
0641 ARABIC LETTER FEH  
0642 ARABIC LETTER QAF  
0643 ARABIC LETTER KAF  
0644 ARABIC LETTER LAM  
0645 ARABIC LETTER MEEM  
0646 ARABIC LETTER NOON  
0647 ARABIC LETTER HEH  
0648 ARABIC LETTER WAW  
0649 ARABIC LETTER ALEF MAKSURA  
064A ARABIC LETTER YEH  
064B ARABIC FATHATAN  
064C ARABIC DAMMATAN  
064D ARABIC KASRATAN  
064E ARABIC FATHA  
064F ARABIC DAMMA  
0650 ARABIC KASRA  
0651 ARABIC SHADDA  
0652 ARABIC SUKUN  
0660 ARABIC-INDIC DIGIT ZERO  
0661 ARABIC-INDIC DIGIT ONE  
0662 ARABIC-INDIC DIGIT TWO  
0663 ARABIC-INDIC DIGIT THREE  
0664 ARABIC-INDIC DIGIT FOUR  
0665 ARABIC-INDIC DIGIT FIVE  
0666 ARABIC-INDIC DIGIT SIX  
0667 ARABIC-INDIC DIGIT SEVEN  
0668 ARABIC-INDIC DIGIT EIGHT  
0669 ARABIC-INDIC DIGIT NINE  
066A ARABIC PERCENT SIGN  
066B ARABIC DECIMAL SEPARATOR  
066C ARABIC THOUSANDS SEPARATOR  
066D ARABIC FIVE POINTED STAR  
0670 ARABIC LETTER SUPERSCRIPIT ALEF  
0671 ARABIC LETTER ALEF WASLA  
0672 ARABIC LETTER ALEF WITH WAVY HAMZA ABOVE  
0673 ARABIC LETTER ALEF WITH WAVY HAMZA BELOW  
0674 ARABIC LETTER HIGH HAMZA  
0675 ARABIC LETTER HIGH HAMZA ALEF  
0676 ARABIC LETTER HIGH HAMZA WAW  
0677 ARABIC LETTER U WITH HAMZA ABOVE  
0678 ARABIC LETTER HIGH HAMZA YEH

0679 ARABIC LETTER TTEH  
067A ARABIC LETTER TTEHEH  
067B ARABIC LETTER BEEH  
067C ARABIC LETTER TEH WITH RING  
067D ARABIC LETTER TEH WITH THREE DOTS ABOVE DOWNWARDS  
067E ARABIC LETTER PEH  
067F ARABIC LETTER TEHEH  
0680 ARABIC LETTER BEHEH  
0681 ARABIC LETTER HAH WITH HAMZA ABOVE  
0682 ARABIC LETTER HAH WITH TWO DOTS VERTICAL ABOVE  
0683 ARABIC LETTER NYEH  
0684 ARABIC LETTER DYEH  
0685 ARABIC LETTER HAH WITH THREE DOTS ABOVE  
0686 ARABIC LETTER TCHEH  
0687 ARABIC LETTER TCHEHEH  
0688 ARABIC LETTER DDAL  
0689 ARABIC LETTER DAL WITH RING  
068A ARABIC LETTER DAL WITH DOT BELOW  
068B ARABIC LETTER DAL WITH DOT BELOW AND SMALL TAH  
068C ARABIC LETTER DAHAL  
068D ARABIC LETTER DDAHAL  
068E ARABIC LETTER DUL  
068F ARABIC LETTER DAL WITH THREE DOTS ABOVE DOWNWARDS  
0690 ARABIC LETTER DAL WITH FOUR DOTS ABOVE  
0691 ARABIC LETTER RREH  
0692 ARABIC LETTER REH WITH SMALL V  
0693 ARABIC LETTER REH WITH RING  
0694 ARABIC LETTER REH WITH DOT BELOW  
0695 ARABIC LETTER REH WITH SMALL V BELOW  
0696 ARABIC LETTER REH WITH DOT BELOW AND DOT ABOVE  
0697 ARABIC LETTER REH WITH TWO DOTS ABOVE  
0698 ARABIC LETTER JEH  
0699 ARABIC LETTER REH WITH FOUR DOTS ABOVE  
069A ARABIC LETTER SEEN WITH DOT BELOW AND DOT ABOVE  
069B ARABIC LETTER SEEN WITH THREE DOTS BELOW  
069C ARABIC LETTER SEEN WITH THREE DOTS BELOW AND THREE DOTS ABOVE  
069D ARABIC LETTER SAD WITH TWO DOTS BELOW  
069E ARABIC LETTER SAD WITH THREE DOTS ABOVE  
069F ARABIC LETTER TAH WITH THREE DOTS ABOVE  
06A0 ARABIC LETTER AIN WITH THREE DOTS ABOVE  
06A1 ARABIC LETTER DOTLESS FEH  
06A2 ARABIC LETTER FEH WITH DOT MOVED BELOW  
06A3 ARABIC LETTER FEH WITH DOT BELOW  
06A4 ARABIC LETTER VEH  
06A5 ARABIC LETTER FEH WITH THREE DOTS BELOW  
06A6 ARABIC LETTER PEHEH  
06A7 ARABIC LETTER QAF WITH DOT ABOVE  
06A8 ARABIC LETTER QAF WITH THREE DOTS ABOVE  
06A9 ARABIC LETTER KEHEH  
06AA ARABIC LETTER SWASH KAF  
06AB ARABIC LETTER KAF WITH RING  
06AC ARABIC LETTER KAF WITH DOT ABOVE  
06AD ARABIC LETTER NG  
06AE ARABIC LETTER KAF WITH THREE DOTS BELOW  
06AF ARABIC LETTER GAF  
06B0 ARABIC LETTER GAF WITH RING  
06B1 ARABIC LETTER NGOEH  
06B2 ARABIC LETTER GAF WITH TWO DOTS BELOW  
06B3 ARABIC LETTER GUEH  
06B4 ARABIC LETTER GAF WITH THREE DOTS ABOVE  
06B5 ARABIC LETTER LAM WITH SMALL V

06B6 ARABIC LETTER LAM WITH DOT ABOVE  
06B7 ARABIC LETTER LAM WITH THREE DOTS ABOVE  
06BA ARABIC LETTER NOON GHUNNA  
06BB ARABIC LETTER RNOON  
06BC ARABIC LETTER NOON WITH RING  
06BD ARABIC LETTER NOON WITH THREE DOTS ABOVE  
06BE ARABIC LETTER HEH DOACHASHMEE  
06C0 ARABIC LETTER HEH WITH YEH ABOVE  
06C1 ARABIC LETTER HEH GOAL  
06C2 ARABIC LETTER HEH GOAL WITH HAMZA ABOVE  
06C3 ARABIC LETTER TEH MARBUTA GOAL  
06C4 ARABIC LETTER WAW WITH RING  
06C5 ARABIC LETTER KIRGHIZ OE  
06C6 ARABIC LETTER OE  
06C7 ARABIC LETTER U  
06C8 ARABIC LETTER YU  
06C9 ARABIC LETTER KIRGHIZ YU  
06CA ARABIC LETTER WAW WITH TWO DOTS ABOVE  
06CB ARABIC LETTER VE  
06CC ARABIC LETTER FARSI YEH  
06CD ARABIC LETTER YEH WITH TAIL  
06CE ARABIC LETTER YEH WITH SMALL V  
06D0 ARABIC LETTER E  
06D1 ARABIC LETTER YEH WITH THREE DOTS BELOW  
06D2 ARABIC LETTER YEH BARREE  
06D3 ARABIC LETTER YEH BARREE WITH HAMZA ABOVE  
06D4 ARABIC FULL STOP  
06D5 ARABIC LETTER AE  
06D6 ARABIC SMALL HIGH LIGATURE SAD WITH LAM WITH ALEF MAKSURA  
06D7 ARABIC SMALL HIGH LIGATURE QAF WITH LAM WITH ALEF MAKSURA  
06D8 ARABIC SMALL HIGH MEEM INITIAL FORM  
06D9 ARABIC SMALL HIGH LAM ALEF  
06DA ARABIC SMALL HIGH JEEM  
06DB ARABIC SMALL HIGH THREE DOTS  
06DC ARABIC SMALL HIGH SEEN  
06DD ARABIC END OF AYAH  
06DE ARABIC START OF RUB EL HIZB  
06DF ARABIC SMALL HIGH ROUNDED ZERO  
06E0 ARABIC SMALL HIGH UPRIGHT RECTANGULAR ZERO  
06E1 ARABIC SMALL HIGH DOTLESS HEAD OF KHAH  
06E2 ARABIC SMALL HIGH MEEM ISOLATED FORM  
06E3 ARABIC SMALL LOW SEEN  
06E4 ARABIC SMALL HIGH MADDA  
06E5 ARABIC SMALL WAW  
06E6 ARABIC SMALL YEH  
06E7 ARABIC SMALL HIGH YEH  
06E8 ARABIC SMALL HIGH NOON  
06E9 ARABIC PLACE OF SAJDAH  
06EA ARABIC EMPTY CENTRE LOW STOP  
06EB ARABIC EMPTY CENTRE HIGH STOP  
06EC ARABIC ROUNDED HIGH STOP WITH FILLED CENTRE  
06ED ARABIC SMALL LOW MEEM  
06F0 EXTENDED ARABIC-INDIC DIGIT ZERO  
06F1 EXTENDED ARABIC-INDIC DIGIT ONE  
06F2 EXTENDED ARABIC-INDIC DIGIT TWO  
06F3 EXTENDED ARABIC-INDIC DIGIT THREE  
06F4 EXTENDED ARABIC-INDIC DIGIT FOUR  
06F5 EXTENDED ARABIC-INDIC DIGIT FIVE  
06F6 EXTENDED ARABIC-INDIC DIGIT SIX  
06F7 EXTENDED ARABIC-INDIC DIGIT SEVEN  
06F8 EXTENDED ARABIC-INDIC DIGIT EIGHT

06F9 EXTENDED ARABIC-INDIC DIGIT NINE  
0901 DEVANAGARI SIGN CANDRABINDU  
0902 DEVANAGARI SIGN ANUSVARA  
0903 DEVANAGARI SIGN VISARGA  
0905 DEVANAGARI LETTER A  
0906 DEVANAGARI LETTER AA  
0907 DEVANAGARI LETTER I  
0908 DEVANAGARI LETTER II  
0909 DEVANAGARI LETTER U  
090A DEVANAGARI LETTER UU  
090B DEVANAGARI LETTER VOCALIC R  
090C DEVANAGARI LETTER VOCALIC L  
090D DEVANAGARI LETTER CANDRA E  
090E DEVANAGARI LETTER SHORT E  
090F DEVANAGARI LETTER E  
0910 DEVANAGARI LETTER AI  
0911 DEVANAGARI LETTER CANDRA O  
0912 DEVANAGARI LETTER SHORT O  
0913 DEVANAGARI LETTER O  
0914 DEVANAGARI LETTER AU  
0915 DEVANAGARI LETTER KA  
0916 DEVANAGARI LETTER KHA  
0917 DEVANAGARI LETTER GA  
0918 DEVANAGARI LETTER GHA  
0919 DEVANAGARI LETTER NGA  
091A DEVANAGARI LETTER CA  
091B DEVANAGARI LETTER CHA  
091C DEVANAGARI LETTER JA  
091D DEVANAGARI LETTER JHA  
091E DEVANAGARI LETTER NYA  
091F DEVANAGARI LETTER TTA  
0920 DEVANAGARI LETTER TTHA  
0921 DEVANAGARI LETTER DDA  
0922 DEVANAGARI LETTER DDHA  
0923 DEVANAGARI LETTER NNA  
0924 DEVANAGARI LETTER TA  
0925 DEVANAGARI LETTER THA  
0926 DEVANAGARI LETTER DA  
0927 DEVANAGARI LETTER DHA  
0928 DEVANAGARI LETTER NA  
0929 DEVANAGARI LETTER NNNA  
092A DEVANAGARI LETTER PA  
092B DEVANAGARI LETTER PHA  
092C DEVANAGARI LETTER BA  
092D DEVANAGARI LETTER BHA  
092E DEVANAGARI LETTER MA  
092F DEVANAGARI LETTER YA  
0930 DEVANAGARI LETTER RA  
0931 DEVANAGARI LETTER RRA  
0932 DEVANAGARI LETTER LA  
0933 DEVANAGARI LETTER LLA  
0934 DEVANAGARI LETTER LLLA  
0935 DEVANAGARI LETTER VA  
0936 DEVANAGARI LETTER SHA  
0937 DEVANAGARI LETTER SSA  
0938 DEVANAGARI LETTER SA  
0939 DEVANAGARI LETTER HA  
093C DEVANAGARI SIGN NUKTA  
093D DEVANAGARI SIGN AVAGRAHA  
093E DEVANAGARI VOWEL SIGN AA  
093F DEVANAGARI VOWEL SIGN I



0940 DEVANAGARI VOWEL SIGN II  
0941 DEVANAGARI VOWEL SIGN U  
0942 DEVANAGARI VOWEL SIGN UU  
0943 DEVANAGARI VOWEL SIGN VOCALIC R  
0944 DEVANAGARI VOWEL SIGN VOCALIC RR  
0945 DEVANAGARI VOWEL SIGN CANDRA E  
0946 DEVANAGARI VOWEL SIGN SHORT E  
0947 DEVANAGARI VOWEL SIGN E  
0948 DEVANAGARI VOWEL SIGN AI  
0949 DEVANAGARI VOWEL SIGN CANDRA O  
094A DEVANAGARI VOWEL SIGN SHORT O  
094B DEVANAGARI VOWEL SIGN O  
094C DEVANAGARI VOWEL SIGN AU  
094D DEVANAGARI SIGN VIRAMA  
0950 DEVANAGARI OM  
0951 DEVANAGARI STRESS SIGN UDATTA  
0952 DEVANAGARI STRESS SIGN ANUDATTA  
0953 DEVANAGARI GRAVE ACCENT  
0954 DEVANAGARI ACUTE ACCENT  
0958 DEVANAGARI LETTER QA  
0959 DEVANAGARI LETTER KHHA  
095A DEVANAGARI LETTER GHHA  
095B DEVANAGARI LETTER ZA  
095C DEVANAGARI LETTER DDDHA  
095D DEVANAGARI LETTER RHA  
095E DEVANAGARI LETTER FA  
095F DEVANAGARI LETTER YYA  
0960 DEVANAGARI LETTER VOCALIC RR  
0961 DEVANAGARI LETTER VOCALIC LL  
0962 DEVANAGARI VOWEL SIGN VOCALIC L  
0963 DEVANAGARI VOWEL SIGN VOCALIC LL  
0964 DEVANAGARI DANDA  
0965 DEVANAGARI DOUBLE DANDA  
0966 DEVANAGARI DIGIT ZERO  
0967 DEVANAGARI DIGIT ONE  
0968 DEVANAGARI DIGIT TWO  
0969 DEVANAGARI DIGIT THREE  
096A DEVANAGARI DIGIT FOUR  
096B DEVANAGARI DIGIT FIVE  
096C DEVANAGARI DIGIT SIX  
096D DEVANAGARI DIGIT SEVEN  
096E DEVANAGARI DIGIT EIGHT  
096F DEVANAGARI DIGIT NINE  
0970 DEVANAGARI ABBREVIATION SIGN  
0981 BENGALI SIGN CANDRABINDU  
0982 BENGALI SIGN ANUSVARA  
0983 BENGALI SIGN VISARGA  
0985 BENGALI LETTER A  
0986 BENGALI LETTER AA  
0987 BENGALI LETTER I  
0988 BENGALI LETTER II  
0989 BENGALI LETTER U  
098A BENGALI LETTER UU  
098B BENGALI LETTER VOCALIC R  
098C BENGALI LETTER VOCALIC L  
098F BENGALI LETTER E  
0990 BENGALI LETTER AI  
0993 BENGALI LETTER O  
0994 BENGALI LETTER AU  
0995 BENGALI LETTER KA  
0996 BENGALI LETTER KHA

0997 BENGALI LETTER GA  
0998 BENGALI LETTER GH  
0999 BENGALI LETTER NG  
099A BENGALI LETTER CA  
099B BENGALI LETTER CH  
099C BENGALI LETTER JA  
099D BENGALI LETTER JH  
099E BENGALI LETTER NY  
099F BENGALI LETTER TT  
09A0 BENGALI LETTER TT  
09A1 BENGALI LETTER DD  
09A2 BENGALI LETTER DDH  
09A3 BENGALI LETTER NN  
09A4 BENGALI LETTER TA  
09A5 BENGALI LETTER TH  
09A6 BENGALI LETTER DA  
09A7 BENGALI LETTER DH  
09A8 BENGALI LETTER NA  
09AA BENGALI LETTER PA  
09AB BENGALI LETTER PH  
09AC BENGALI LETTER BA  
09AD BENGALI LETTER BH  
09AE BENGALI LETTER MA  
09AF BENGALI LETTER YA  
09B0 BENGALI LETTER RA  
09B2 BENGALI LETTER LA  
09B6 BENGALI LETTER SH  
09B7 BENGALI LETTER SS  
09B8 BENGALI LETTER SA  
09B9 BENGALI LETTER HA  
09BC BENGALI SIGN NUKTA  
09BE BENGALI VOWEL SIGN AA  
09BF BENGALI VOWEL SIGN I  
09C0 BENGALI VOWEL SIGN II  
09C1 BENGALI VOWEL SIGN U  
09C2 BENGALI VOWEL SIGN UU  
09C3 BENGALI VOWEL SIGN VOCALIC R  
09C4 BENGALI VOWEL SIGN VOCALIC RR  
09C7 BENGALI VOWEL SIGN E  
09C8 BENGALI VOWEL SIGN AI  
09CB BENGALI VOWEL SIGN O  
09CC BENGALI VOWEL SIGN AU  
09CD BENGALI SIGN VIRAMA  
09D7 BENGALI AU LENGTH MARK  
09DC BENGALI LETTER RRA  
09DD BENGALI LETTER RHA  
09DF BENGALI LETTER YYA  
09E0 BENGALI LETTER VOCALIC RR  
09E1 BENGALI LETTER VOCALIC LL  
09E2 BENGALI VOWEL SIGN VOCALIC L  
09E3 BENGALI VOWEL SIGN VOCALIC LL  
09E6 BENGALI DIGIT ZERO  
09E7 BENGALI DIGIT ONE  
09E8 BENGALI DIGIT TWO  
09E9 BENGALI DIGIT THREE  
09EA BENGALI DIGIT FOUR  
09EB BENGALI DIGIT FIVE  
09EC BENGALI DIGIT SIX  
09ED BENGALI DIGIT SEVEN  
09EE BENGALI DIGIT EIGHT  
09EF BENGALI DIGIT NINE

09F0 BENGALI LETTER RA WITH MIDDLE DIAGONAL (Assamese)  
09F1 BENGALI LETTER RA WITH LOWER DIAGONAL (Assamese)  
09F2 BENGALI RUPEE MARK  
09F3 BENGALI RUPEE SIGN  
09F4 BENGALI CURRENCY NUMERATOR ONE  
09F5 BENGALI CURRENCY NUMERATOR TWO  
09F6 BENGALI CURRENCY NUMERATOR THREE  
09F7 BENGALI CURRENCY NUMERATOR FOUR  
09F8 BENGALI CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR  
09F9 BENGALI CURRENCY DENOMINATOR SIXTEEN  
09FA BENGALI ISSHAR  
0A02 GURMUKHI SIGN BINDI  
0A05 GURMUKHI LETTER A  
0A06 GURMUKHI LETTER AA  
0A07 GURMUKHI LETTER I  
0A08 GURMUKHI LETTER II  
0A09 GURMUKHI LETTER U  
0A0A GURMUKHI LETTER UU  
0A0F GURMUKHI LETTER EE  
0A10 GURMUKHI LETTER AI  
0A13 GURMUKHI LETTER OO  
0A14 GURMUKHI LETTER AU  
0A15 GURMUKHI LETTER KA  
0A16 GURMUKHI LETTER KHA  
0A17 GURMUKHI LETTER GA  
0A18 GURMUKHI LETTER GHA  
0A19 GURMUKHI LETTER NGA  
0A1A GURMUKHI LETTER CA  
0A1B GURMUKHI LETTER CHA  
0A1C GURMUKHI LETTER JA  
0A1D GURMUKHI LETTER JHA  
0A1E GURMUKHI LETTER NYA  
0A1F GURMUKHI LETTER TTA  
0A20 GURMUKHI LETTER TTHA  
0A21 GURMUKHI LETTER DDA  
0A22 GURMUKHI LETTER DDHA  
0A23 GURMUKHI LETTER NNA  
0A24 GURMUKHI LETTER TA  
0A25 GURMUKHI LETTER THA  
0A26 GURMUKHI LETTER DA  
0A27 GURMUKHI LETTER DHA  
0A28 GURMUKHI LETTER NA  
0A2A GURMUKHI LETTER PA  
0A2B GURMUKHI LETTER PHA  
0A2C GURMUKHI LETTER BA  
0A2D GURMUKHI LETTER BHA  
0A2E GURMUKHI LETTER MA  
0A2F GURMUKHI LETTER YA  
0A30 GURMUKHI LETTER RA  
0A32 GURMUKHI LETTER LA  
0A33 GURMUKHI LETTER LLA  
0A35 GURMUKHI LETTER VA  
0A36 GURMUKHI LETTER SHA  
0A38 GURMUKHI LETTER SA  
0A39 GURMUKHI LETTER HA  
0A3C GURMUKHI SIGN NUKTA  
0A3E GURMUKHI VOWEL SIGN AA  
0A3F GURMUKHI VOWEL SIGN I  
0A40 GURMUKHI VOWEL SIGN II  
0A41 GURMUKHI VOWEL SIGN U  
0A42 GURMUKHI VOWEL SIGN UU

0A47 GURMUKHI VOWEL SIGN EE  
0A48 GURMUKHI VOWEL SIGN AI  
0A4B GURMUKHI VOWEL SIGN OO  
0A4C GURMUKHI VOWEL SIGN AU  
0A4D GURMUKHI SIGN VIRAMA  
0A59 GURMUKHI LETTER KHHA  
0A5A GURMUKHI LETTER GHHA  
0A5B GURMUKHI LETTER ZA  
0A5C GURMUKHI LETTER RRA  
0A5E GURMUKHI LETTER FA  
0A66 GURMUKHI DIGIT ZERO  
0A67 GURMUKHI DIGIT ONE  
0A68 GURMUKHI DIGIT TWO  
0A69 GURMUKHI DIGIT THREE  
0A6A GURMUKHI DIGIT FOUR  
0A6B GURMUKHI DIGIT FIVE  
0A6C GURMUKHI DIGIT SIX  
0A6D GURMUKHI DIGIT SEVEN  
0A6E GURMUKHI DIGIT EIGHT  
0A6F GURMUKHI DIGIT NINE  
0A70 GURMUKHI TIPPI  
0A71 GURMUKHI ADDAK  
0A72 GURMUKHI IRI  
0A73 GURMUKHI URA  
0A74 GURMUKHI EK ONKAR  
0A81 GUJARATI SIGN CANDRABINDU  
0A82 GUJARATI SIGN ANUSVARA  
0A83 GUJARATI SIGN VISARGA  
0A85 GUJARATI LETTER A  
0A86 GUJARATI LETTER AA  
0A87 GUJARATI LETTER I  
0A88 GUJARATI LETTER II  
0A89 GUJARATI LETTER U  
0A8A GUJARATI LETTER UU  
0A8B GUJARATI LETTER VOCALIC R  
0A8D GUJARATI VOWEL CANDRA E  
0A8F GUJARATI LETTER E  
0A90 GUJARATI LETTER AI  
0A91 GUJARATI VOWEL CANDRA O  
0A93 GUJARATI LETTER O  
0A94 GUJARATI LETTER AU  
0A95 GUJARATI LETTER KA  
0A96 GUJARATI LETTER KHA  
0A97 GUJARATI LETTER GA  
0A98 GUJARATI LETTER GHA  
0A99 GUJARATI LETTER NGA  
0A9A GUJARATI LETTER CA  
0A9B GUJARATI LETTER CHA  
0A9C GUJARATI LETTER JA  
0A9D GUJARATI LETTER JHA  
0A9E GUJARATI LETTER NYA  
0A9F GUJARATI LETTER TTA  
0AA0 GUJARATI LETTER TTHA  
0AA1 GUJARATI LETTER DDA  
0AA2 GUJARATI LETTER DDHA  
0AA3 GUJARATI LETTER NNA  
0AA4 GUJARATI LETTER TA  
0AA5 GUJARATI LETTER THA  
0AA6 GUJARATI LETTER DA  
0AA7 GUJARATI LETTER DHA  
0AA8 GUJARATI LETTER NA

0AAA GUJARATI LETTER PA  
0AAB GUJARATI LETTER PHA  
0AAC GUJARATI LETTER BA  
0AAD GUJARATI LETTER BHA  
0AAE GUJARATI LETTER MA  
0AAF GUJARATI LETTER YA  
0AB0 GUJARATI LETTER RA  
0AB2 GUJARATI LETTER LA  
0AB3 GUJARATI LETTER LLA  
0AB5 GUJARATI LETTER VA  
0AB6 GUJARATI LETTER SHA  
0AB7 GUJARATI LETTER SSA  
0AB8 GUJARATI LETTER SA  
0AB9 GUJARATI LETTER HA  
0ABC GUJARATI SIGN NUKTA  
0ABD GUJARATI SIGN AVAGRAHA  
0ABE GUJARATI VOWEL SIGN AA  
0ABF GUJARATI VOWEL SIGN I  
0AC0 GUJARATI VOWEL SIGN II  
0AC1 GUJARATI VOWEL SIGN U  
0AC2 GUJARATI VOWEL SIGN UU  
0AC3 GUJARATI VOWEL SIGN VOCALIC R  
0AC4 GUJARATI VOWEL SIGN VOCALIC RR  
0AC5 GUJARATI VOWEL SIGN CANDRA E  
0AC7 GUJARATI VOWEL SIGN E  
0AC8 GUJARATI VOWEL SIGN AI  
0AC9 GUJARATI VOWEL SIGN CANDRA O  
0ACB GUJARATI VOWEL SIGN O  
0ACC GUJARATI VOWEL SIGN AU  
0ACD GUJARATI SIGN VIRAMA  
0AD0 GUJARATI OM  
0AE0 GUJARATI LETTER VOCALIC RR  
0AE6 GUJARATI DIGIT ZERO  
0AE7 GUJARATI DIGIT ONE  
0AE8 GUJARATI DIGIT TWO  
0AE9 GUJARATI DIGIT THREE  
0AEA GUJARATI DIGIT FOUR  
0AEB GUJARATI DIGIT FIVE  
0AEC GUJARATI DIGIT SIX  
0AED GUJARATI DIGIT SEVEN  
0AEE GUJARATI DIGIT EIGHT  
0AEF GUJARATI DIGIT NINE  
0B01 ORIYA SIGN CANDRABINDU  
0B02 ORIYA SIGN ANUSVARA  
0B03 ORIYA SIGN VISARGA  
0B05 ORIYA LETTER A  
0B06 ORIYA LETTER AA  
0B07 ORIYA LETTER I  
0B08 ORIYA LETTER II  
0B09 ORIYA LETTER U  
0B0A ORIYA LETTER UU  
0B0B ORIYA LETTER VOCALIC R  
0B0C ORIYA LETTER VOCALIC L  
0B0F ORIYA LETTER E  
0B10 ORIYA LETTER AI  
0B13 ORIYA LETTER O  
0B14 ORIYA LETTER AU  
0B15 ORIYA LETTER KA  
0B16 ORIYA LETTER KHA  
0B17 ORIYA LETTER GA  
0B18 ORIYA LETTER GHA

0B19 ORIYA LETTER NGA  
0B1A ORIYA LETTER CA  
0B1B ORIYA LETTER CHA  
0B1C ORIYA LETTER JA  
0B1D ORIYA LETTER JHA  
0B1E ORIYA LETTER NYA  
0B1F ORIYA LETTER TTA  
0B20 ORIYA LETTER TTHA  
0B21 ORIYA LETTER DDA  
0B22 ORIYA LETTER DDHA  
0B23 ORIYA LETTER NNA  
0B24 ORIYA LETTER TA  
0B25 ORIYA LETTER THA  
0B26 ORIYA LETTER DA  
0B27 ORIYA LETTER DHA  
0B28 ORIYA LETTER NA  
0B2A ORIYA LETTER PA  
0B2B ORIYA LETTER PHA  
0B2C ORIYA LETTER BA  
0B2D ORIYA LETTER BHA  
0B2E ORIYA LETTER MA  
0B2F ORIYA LETTER YA  
0B30 ORIYA LETTER RA  
0B32 ORIYA LETTER LA  
0B33 ORIYA LETTER LLA  
0B36 ORIYA LETTER SHA  
0B37 ORIYA LETTER SSA  
0B38 ORIYA LETTER SA  
0B39 ORIYA LETTER HA  
0B3C ORIYA SIGN NUKTA  
0B3D ORIYA SIGN AVAGRAHA  
0B3E ORIYA VOWEL SIGN AA  
0B3F ORIYA VOWEL SIGN I  
0B40 ORIYA VOWEL SIGN II  
0B41 ORIYA VOWEL SIGN U  
0B42 ORIYA VOWEL SIGN UU  
0B43 ORIYA VOWEL SIGN VOCALIC R  
0B47 ORIYA VOWEL SIGN E  
0B48 ORIYA VOWEL SIGN AI  
0B4B ORIYA VOWEL SIGN O  
0B4C ORIYA VOWEL SIGN AU  
0B4D ORIYA SIGN VIRAMA  
0B56 ORIYA AI LENGTH MARK  
0B57 ORIYA AU LENGTH MARK  
0B5C ORIYA LETTER RRA  
0B5D ORIYA LETTER RHA  
0B5F ORIYA LETTER YYA  
0B60 ORIYA LETTER VOCALIC RR  
0B61 ORIYA LETTER VOCALIC LL  
0B66 ORIYA DIGIT ZERO  
0B67 ORIYA DIGIT ONE  
0B68 ORIYA DIGIT TWO  
0B69 ORIYA DIGIT THREE  
0B6A ORIYA DIGIT FOUR  
0B6B ORIYA DIGIT FIVE  
0B6C ORIYA DIGIT SIX  
0B6D ORIYA DIGIT SEVEN  
0B6E ORIYA DIGIT EIGHT  
0B6F ORIYA DIGIT NINE  
0B70 ORIYA ISSHAR  
0B82 TAMIL SIGN ANUSVARA

0B83 TAMIL SIGN VISARGA  
0B85 TAMIL LETTER A  
0B86 TAMIL LETTER AA  
0B87 TAMIL LETTER I  
0B88 TAMIL LETTER II  
0B89 TAMIL LETTER U  
0B8A TAMIL LETTER UU  
0B8E TAMIL LETTER E  
0B8F TAMIL LETTER EE  
0B90 TAMIL LETTER AI  
0B92 TAMIL LETTER O  
0B93 TAMIL LETTER OO  
0B94 TAMIL LETTER AU  
0B95 TAMIL LETTER KA  
0B99 TAMIL LETTER NGA  
0B9A TAMIL LETTER CA  
0B9C TAMIL LETTER JA  
0B9E TAMIL LETTER NYA  
0B9F TAMIL LETTER TTA  
0BA3 TAMIL LETTER NNA  
0BA4 TAMIL LETTER TA  
0BA8 TAMIL LETTER NA  
0BA9 TAMIL LETTER NNNA  
0BAA TAMIL LETTER PA  
0BAE TAMIL LETTER MA  
0BAF TAMIL LETTER YA  
0BB0 TAMIL LETTER RA  
0BB1 TAMIL LETTER RRA  
0BB2 TAMIL LETTER LA  
0BB3 TAMIL LETTER LLA  
0BB4 TAMIL LETTER LLLA  
0BB5 TAMIL LETTER VA  
0BB7 TAMIL LETTER SSA  
0BB8 TAMIL LETTER SA  
0BB9 TAMIL LETTER HA  
0BBE TAMIL VOWEL SIGN AA  
0BBF TAMIL VOWEL SIGN I  
0BC0 TAMIL VOWEL SIGN II  
0BC1 TAMIL VOWEL SIGN U  
0BC2 TAMIL VOWEL SIGN UU  
0BC6 TAMIL VOWEL SIGN E  
0BC7 TAMIL VOWEL SIGN EE  
0BC8 TAMIL VOWEL SIGN AI  
0BCA TAMIL VOWEL SIGN O  
0BCB TAMIL VOWEL SIGN OO  
0BCC TAMIL VOWEL SIGN AU  
0BCD TAMIL SIGN VIRAMA  
0BD7 TAMIL AU LENGTH MARK  
0BE7 TAMIL DIGIT ONE  
0BE8 TAMIL DIGIT TWO  
0BE9 TAMIL DIGIT THREE  
0BEA TAMIL DIGIT FOUR  
0BEB TAMIL DIGIT FIVE  
0BEC TAMIL DIGIT SIX  
0BED TAMIL DIGIT SEVEN  
0BEE TAMIL DIGIT EIGHT  
0BEF TAMIL DIGIT NINE  
0BF0 TAMIL NUMBER TEN  
0BF1 TAMIL NUMBER ONE HUNDRED  
0BF2 TAMIL NUMBER ONE THOUSAND  
0C01 TELUGU SIGN CANDRABINDU

0C02 TELUGU SIGN ANUSVARA  
0C03 TELUGU SIGN VISARGA  
0C05 TELUGU LETTER A  
0C06 TELUGU LETTER AA  
0C07 TELUGU LETTER I  
0C08 TELUGU LETTER II  
0C09 TELUGU LETTER U  
0C0A TELUGU LETTER UU  
0C0B TELUGU LETTER VOCALIC R  
0C0C TELUGU LETTER VOCALIC L  
0C0E TELUGU LETTER E  
0C0F TELUGU LETTER EE  
0C10 TELUGU LETTER AI  
0C12 TELUGU LETTER O  
0C13 TELUGU LETTER OO  
0C14 TELUGU LETTER AU  
0C15 TELUGU LETTER KA  
0C16 TELUGU LETTER KHA  
0C17 TELUGU LETTER GA  
0C18 TELUGU LETTER GHA  
0C19 TELUGU LETTER NGA  
0C1A TELUGU LETTER CA  
0C1B TELUGU LETTER CHA  
0C1C TELUGU LETTER JA  
0C1D TELUGU LETTER JHA  
0C1E TELUGU LETTER NYA  
0C1F TELUGU LETTER TTA  
0C20 TELUGU LETTER TTHA  
0C21 TELUGU LETTER DDA  
0C22 TELUGU LETTER DDHA  
0C23 TELUGU LETTER NNA  
0C24 TELUGU LETTER TA  
0C25 TELUGU LETTER THA  
0C26 TELUGU LETTER DA  
0C27 TELUGU LETTER DHA  
0C28 TELUGU LETTER NA  
0C2A TELUGU LETTER PA  
0C2B TELUGU LETTER PHA  
0C2C TELUGU LETTER BA  
0C2D TELUGU LETTER BHA  
0C2E TELUGU LETTER MA  
0C2F TELUGU LETTER YA  
0C30 TELUGU LETTER RA  
0C31 TELUGU LETTER RRA  
0C32 TELUGU LETTER LA  
0C33 TELUGU LETTER LLA  
0C35 TELUGU LETTER VA  
0C36 TELUGU LETTER SHA  
0C37 TELUGU LETTER SSA  
0C38 TELUGU LETTER SA  
0C39 TELUGU LETTER HA  
0C3E TELUGU VOWEL SIGN AA  
0C3F TELUGU VOWEL SIGN I  
0C40 TELUGU VOWEL SIGN II  
0C41 TELUGU VOWEL SIGN U  
0C42 TELUGU VOWEL SIGN UU  
0C43 TELUGU VOWEL SIGN VOCALIC R  
0C44 TELUGU VOWEL SIGN VOCALIC RR  
0C46 TELUGU VOWEL SIGN E  
0C47 TELUGU VOWEL SIGN EE  
0C48 TELUGU VOWEL SIGN AI



0C4A TELUGU VOWEL SIGN O  
0C4B TELUGU VOWEL SIGN OO  
0C4C TELUGU VOWEL SIGN AU  
0C4D TELUGU SIGN VIRAMA  
0C55 TELUGU LENGTH MARK  
0C56 TELUGU AI LENGTH MARK  
0C60 TELUGU LETTER VOCALIC RR  
0C61 TELUGU LETTER VOCALIC LL  
0C66 TELUGU DIGIT ZERO  
0C67 TELUGU DIGIT ONE  
0C68 TELUGU DIGIT TWO  
0C69 TELUGU DIGIT THREE  
0C6A TELUGU DIGIT FOUR  
0C6B TELUGU DIGIT FIVE  
0C6C TELUGU DIGIT SIX  
0C6D TELUGU DIGIT SEVEN  
0C6E TELUGU DIGIT EIGHT  
0C6F TELUGU DIGIT NINE  
0C82 KANNADA SIGN ANUSVARA  
0C83 KANNADA SIGN VISARGA  
0C85 KANNADA LETTER A  
0C86 KANNADA LETTER AA  
0C87 KANNADA LETTER I  
0C88 KANNADA LETTER II  
0C89 KANNADA LETTER U  
0C8A KANNADA LETTER UU  
0C8B KANNADA LETTER VOCALIC R  
0C8C KANNADA LETTER VOCALIC L  
0C8E KANNADA LETTER E  
0C8F KANNADA LETTER EE  
0C90 KANNADA LETTER AI  
0C92 KANNADA LETTER O  
0C93 KANNADA LETTER OO  
0C94 KANNADA LETTER AU  
0C95 KANNADA LETTER KA  
0C96 KANNADA LETTER KHA  
0C97 KANNADA LETTER GA  
0C98 KANNADA LETTER GHA  
0C99 KANNADA LETTER NGA  
0C9A KANNADA LETTER CA  
0C9B KANNADA LETTER CHA  
0C9C KANNADA LETTER JA  
0C9D KANNADA LETTER JHA  
0C9E KANNADA LETTER NYA  
0C9F KANNADA LETTER TTA  
0CA0 KANNADA LETTER TTHA  
0CA1 KANNADA LETTER DDA  
0CA2 KANNADA LETTER DDHA  
0CA3 KANNADA LETTER NNA  
0CA4 KANNADA LETTER TA  
0CA5 KANNADA LETTER THA  
0CA6 KANNADA LETTER DA  
0CA7 KANNADA LETTER DHA  
0CA8 KANNADA LETTER NA  
0CAA KANNADA LETTER PA  
0CAB KANNADA LETTER PHA  
0CAC KANNADA LETTER BA  
0CAD KANNADA LETTER BHA  
0CAE KANNADA LETTER MA  
0CAF KANNADA LETTER YA  
0CB0 KANNADA LETTER RA

0CB1 KANNADA LETTER RRA  
0CB2 KANNADA LETTER LA  
0CB3 KANNADA LETTER LLA  
0CB5 KANNADA LETTER VA  
0CB6 KANNADA LETTER SHA  
0CB7 KANNADA LETTER SSA  
0CB8 KANNADA LETTER SA  
0CB9 KANNADA LETTER HA  
0CBE KANNADA VOWEL SIGN AA  
0CBF KANNADA VOWEL SIGN I  
0CC0 KANNADA VOWEL SIGN II  
0CC1 KANNADA VOWEL SIGN U  
0CC2 KANNADA VOWEL SIGN UU  
0CC3 KANNADA VOWEL SIGN VOCALIC R  
0CC4 KANNADA VOWEL SIGN VOCALIC RR  
0CC6 KANNADA VOWEL SIGN E  
0CC7 KANNADA VOWEL SIGN EE  
0CC8 KANNADA VOWEL SIGN AI  
0CCA KANNADA VOWEL SIGN O  
0CCB KANNADA VOWEL SIGN OO  
0CCC KANNADA VOWEL SIGN AU  
0CCD KANNADA SIGN VIRAMA  
0CD5 KANNADA LENGTH MARK  
0CD6 KANNADA AI LENGTH MARK  
0CDE KANNADA LETTER FA  
0CE0 KANNADA LETTER VOCALIC RR  
0CE1 KANNADA LETTER VOCALIC LL  
0CE6 KANNADA DIGIT ZERO  
0CE7 KANNADA DIGIT ONE  
0CE8 KANNADA DIGIT TWO  
0CE9 KANNADA DIGIT THREE  
0CEA KANNADA DIGIT FOUR  
0CEB KANNADA DIGIT FIVE  
0CEC KANNADA DIGIT SIX  
0CED KANNADA DIGIT SEVEN  
0CEE KANNADA DIGIT EIGHT  
0CEF KANNADA DIGIT NINE  
0D02 MALAYALAM SIGN ANUSVARA  
0D03 MALAYALAM SIGN VISARGA  
0D05 MALAYALAM LETTER A  
0D06 MALAYALAM LETTER AA  
0D07 MALAYALAM LETTER I  
0D08 MALAYALAM LETTER II  
0D09 MALAYALAM LETTER U  
0D0A MALAYALAM LETTER UU  
0D0B MALAYALAM LETTER VOCALIC R  
0D0C MALAYALAM LETTER VOCALIC L  
0D0E MALAYALAM LETTER E  
0D0F MALAYALAM LETTER EE  
0D10 MALAYALAM LETTER AI  
0D12 MALAYALAM LETTER O  
0D13 MALAYALAM LETTER OO  
0D14 MALAYALAM LETTER AU  
0D15 MALAYALAM LETTER KA  
0D16 MALAYALAM LETTER KHA  
0D17 MALAYALAM LETTER GA  
0D18 MALAYALAM LETTER GHA  
0D19 MALAYALAM LETTER NGA  
0D1A MALAYALAM LETTER CA  
0D1B MALAYALAM LETTER CHA  
0D1C MALAYALAM LETTER JA

0D1D MALAYALAM LETTER JHA  
0D1E MALAYALAM LETTER NYA  
0D1F MALAYALAM LETTER TTA  
0D20 MALAYALAM LETTER TTHA  
0D21 MALAYALAM LETTER DDA  
0D22 MALAYALAM LETTER DDHA  
0D23 MALAYALAM LETTER NNA  
0D24 MALAYALAM LETTER TA  
0D25 MALAYALAM LETTER THA  
0D26 MALAYALAM LETTER DA  
0D27 MALAYALAM LETTER DHA  
0D28 MALAYALAM LETTER NA  
0D2A MALAYALAM LETTER PA  
0D2B MALAYALAM LETTER PHA  
0D2C MALAYALAM LETTER BA  
0D2D MALAYALAM LETTER BHA  
0D2E MALAYALAM LETTER MA  
0D2F MALAYALAM LETTER YA  
0D30 MALAYALAM LETTER RA  
0D31 MALAYALAM LETTER RRA  
0D32 MALAYALAM LETTER LA  
0D33 MALAYALAM LETTER LLA  
0D34 MALAYALAM LETTER LLLA  
0D35 MALAYALAM LETTER VA  
0D36 MALAYALAM LETTER SHA  
0D37 MALAYALAM LETTER SSA  
0D38 MALAYALAM LETTER SA  
0D39 MALAYALAM LETTER HA  
0D3E MALAYALAM VOWEL SIGN AA  
0D3F MALAYALAM VOWEL SIGN I  
0D40 MALAYALAM VOWEL SIGN II  
0D41 MALAYALAM VOWEL SIGN U  
0D42 MALAYALAM VOWEL SIGN UU  
0D43 MALAYALAM VOWEL SIGN VOCALIC R  
0D46 MALAYALAM VOWEL SIGN E  
0D47 MALAYALAM VOWEL SIGN EE  
0D48 MALAYALAM VOWEL SIGN AI  
0D4A MALAYALAM VOWEL SIGN O  
0D4B MALAYALAM VOWEL SIGN OO  
0D4C MALAYALAM VOWEL SIGN AU  
0D4D MALAYALAM SIGN VIRAMA  
0D57 MALAYALAM AU LENGTH MARK  
0D60 MALAYALAM LETTER VOCALIC RR  
0D61 MALAYALAM LETTER VOCALIC LL  
0D66 MALAYALAM DIGIT ZERO  
0D67 MALAYALAM DIGIT ONE  
0D68 MALAYALAM DIGIT TWO  
0D69 MALAYALAM DIGIT THREE  
0D6A MALAYALAM DIGIT FOUR  
0D6B MALAYALAM DIGIT FIVE  
0D6C MALAYALAM DIGIT SIX  
0D6D MALAYALAM DIGIT SEVEN  
0D6E MALAYALAM DIGIT EIGHT  
0D6F MALAYALAM DIGIT NINE  
0E01 THAI CHARACTER KO KAI  
0E02 THAI CHARACTER KHO KHAI  
0E03 THAI CHARACTER KHO KHUAT  
0E04 THAI CHARACTER KHO KHWAI  
0E05 THAI CHARACTER KHO KHON  
0E06 THAI CHARACTER KHO RAKHANG  
0E07 THAI CHARACTER NGO NGU

0E08 THAI CHARACTER CHO CHAN  
0E09 THAI CHARACTER CHO CHING  
0E0A THAI CHARACTER CHO CHANG  
0E0B THAI CHARACTER SO SO  
0E0C THAI CHARACTER CHO CHOE  
0E0D THAI CHARACTER YO YING  
0E0E THAI CHARACTER DO CHADA  
0E0F THAI CHARACTER TO PATAK  
0E10 THAI CHARACTER THO THAN  
0E11 THAI CHARACTER THO NANGMONTHO  
0E12 THAI CHARACTER THO PHUTHAO  
0E13 THAI CHARACTER NO NEN  
0E14 THAI CHARACTER DO DEK  
0E15 THAI CHARACTER TO TAO  
0E16 THAI CHARACTER THO THUNG  
0E17 THAI CHARACTER THO THAHAN  
0E18 THAI CHARACTER THO THONG  
0E19 THAI CHARACTER NO NU  
0E1A THAI CHARACTER BO BAIMAI  
0E1B THAI CHARACTER PO PLA  
0E1C THAI CHARACTER PHO PHUNG  
0E1D THAI CHARACTER FO FA  
0E1E THAI CHARACTER PHO PHAN  
0E1F THAI CHARACTER FO FAN  
0E20 THAI CHARACTER PHO SAMPHAO  
0E21 THAI CHARACTER MO MA  
0E22 THAI CHARACTER YO YAK  
0E23 THAI CHARACTER RO RUA  
0E24 THAI CHARACTER RU  
0E25 THAI CHARACTER LO LING  
0E26 THAI CHARACTER LU  
0E27 THAI CHARACTER WO WAEN  
0E28 THAI CHARACTER SO SALA  
0E29 THAI CHARACTER SO RUSI  
0E2A THAI CHARACTER SO SUA  
0E2B THAI CHARACTER HO HIP  
0E2C THAI CHARACTER LO CHULA  
0E2D THAI CHARACTER O ANG  
0E2E THAI CHARACTER HO NOKHUK  
0E2F THAI CHARACTER PAIYANNOI  
0E30 THAI CHARACTER SARA A  
0E31 THAI CHARACTER MAI HAN-AKAT  
0E32 THAI CHARACTER SARA AA  
0E33 THAI CHARACTER SARA AM  
0E34 THAI CHARACTER SARA I  
0E35 THAI CHARACTER SARA II  
0E36 THAI CHARACTER SARA UE  
0E37 THAI CHARACTER SARA UEE  
0E38 THAI CHARACTER SARA U  
0E39 THAI CHARACTER SARA UU  
0E3A THAI CHARACTER PHINTHU  
0E3F THAI CURRENCY SYMBOL BAHT  
0E40 THAI CHARACTER SARA E  
0E41 THAI CHARACTER SARA AE  
0E42 THAI CHARACTER SARA O  
0E43 THAI CHARACTER SARA AI MAIMUAN  
0E44 THAI CHARACTER SARA AI MAIMALAI  
0E45 THAI CHARACTER LAKKHANGYAO  
0E46 THAI CHARACTER MAIYAMOK  
0E47 THAI CHARACTER MAITAIKHU  
0E48 THAI CHARACTER MAI EK

0E49 THAI CHARACTER MAI THO  
0E4A THAI CHARACTER MAI TRI  
0E4B THAI CHARACTER MAI CHATTAWA  
0E4C THAI CHARACTER THANTHAKHAT  
0E4D THAI CHARACTER NIKHAHIT  
0E4E THAI CHARACTER YAMAKKAN  
0E4F THAI CHARACTER FONGMAN  
0E50 THAI DIGIT ZERO  
0E51 THAI DIGIT ONE  
0E52 THAI DIGIT TWO  
0E53 THAI DIGIT THREE  
0E54 THAI DIGIT FOUR  
0E55 THAI DIGIT FIVE  
0E56 THAI DIGIT SIX  
0E57 THAI DIGIT SEVEN  
0E58 THAI DIGIT EIGHT  
0E59 THAI DIGIT NINE  
0E5A THAI CHARACTER ANGKHANKHU  
0E5B THAI CHARACTER KHOMUT  
0E81 LAO LETTER KO  
0E82 LAO LETTER KHO SUNG  
0E84 LAO LETTER KHO TAM  
0E87 LAO LETTER NGO  
0E88 LAO LETTER CO  
0E8A LAO LETTER SO TAM  
0E8D LAO LETTER NYO  
0E94 LAO LETTER DO  
0E95 LAO LETTER TO  
0E96 LAO LETTER THO SUNG  
0E97 LAO LETTER THO TAM  
0E99 LAO LETTER NO  
0E9A LAO LETTER BO  
0E9B LAO LETTER PO  
0E9C LAO LETTER PHO SUNG  
0E9D LAO LETTER FO TAM  
0E9E LAO LETTER PHO TAM  
0E9F LAO LETTER FO SUNG  
0EA1 LAO LETTER MO  
0EA2 LAO LETTER YO  
0EA3 LAO LETTER LO LING  
0EA5 LAO LETTER LO LOOT  
0EA7 LAO LETTER WO  
0EAA LAO LETTER SO SUNG  
0EAB LAO LETTER HO SUNG  
0EAD LAO LETTER O  
0EAE LAO LETTER HO TAM  
0EAF LAO ELLIPSIS  
0EB0 LAO VOWEL SIGN A  
0EB1 LAO VOWEL SIGN MAI KAN  
0EB2 LAO VOWEL SIGN AA  
0EB3 LAO VOWEL SIGN AM  
0EB4 LAO VOWEL SIGN I  
0EB5 LAO VOWEL SIGN II  
0EB6 LAO VOWEL SIGN Y  
0EB7 LAO VOWEL SIGN YY  
0EB8 LAO VOWEL SIGN U  
0EB9 LAO VOWEL SIGN UU  
0EBB LAO VOWEL SIGN MAI KON  
0EBC LAO SEMIVOWEL SIGN LO  
0EBD LAO SEMIVOWEL SIGN NYO  
0EC0 LAO VOWEL SIGN E

0EC1 LAO VOWEL SIGN EI  
0EC2 LAO VOWEL SIGN O  
0EC3 LAO VOWEL SIGN AY  
0EC4 LAO VOWEL SIGN AI  
0EC6 LAO KO LA  
0EC8 LAO TONE MAI EK  
0EC9 LAO TONE MAI THO  
0ECA LAO TONE MAI TI  
0ECB LAO TONE MAI CATAWA  
0ECC LAO CANCELLATION MARK  
0ECD LAO NIGGAHITA  
0ED0 LAO DIGIT ZERO  
0ED1 LAO DIGIT ONE  
0ED2 LAO DIGIT TWO  
0ED3 LAO DIGIT THREE  
0ED4 LAO DIGIT FOUR  
0ED5 LAO DIGIT FIVE  
0ED6 LAO DIGIT SIX  
0ED7 LAO DIGIT SEVEN  
0ED8 LAO DIGIT EIGHT  
0ED9 LAO DIGIT NINE  
0EDC LAO HO NO  
0EDD LAO HO MO  
0F00 TIBETAN SYLLABLE OM  
0F01 TIBETAN MARK GTER YIG MGO TRUNCATED A  
0F02 TIBETAN MARK GTER YIG MGO -UM RNAM BCAD MA  
0F03 TIBETAN MARK GTER YIG MGO -UM GTER TSHEG MA  
0F04 TIBETAN MARK INITIAL YIG MGO MDUN MA  
0F05 TIBETAN MARK CLOSING YIG MGO SGAB MA  
0F06 TIBETAN MARK CARET YIG MGO PHUR SHAD MA  
0F07 TIBETAN MARK YIG MGO TSHEG SHAD MA  
0F08 TIBETAN MARK SBRUL SHAD  
0F09 TIBETAN MARK BSKUR YIG MGO  
0F0A TIBETAN MARK BKA- SHOG YIG MGO  
0F0B TIBETAN MARK INTERSYLLABIC TSHEG  
0F0C TIBETAN MARK DELIMITER TSHEG BSTAR  
0F0D TIBETAN MARK SHAD  
0F0E TIBETAN MARK NYIS SHAD  
0F0F TIBETAN MARK TSHEG SHAD  
0F10 TIBETAN MARK NYIS TSHEG SHAD  
0F11 TIBETAN MARK RIN CHEN SPUNGS SHAD  
0F12 TIBETAN MARK RGYA GRAM SHAD  
0F13 TIBETAN MARK CARET -DZUD RTAGS ME LONG CAN  
0F14 TIBETAN MARK GTER TSHEG  
0F15 TIBETAN LOGOTYPE SIGN CHAD RTAGS  
0F16 TIBETAN LOGOTYPE SIGN LHAG RTAGS  
0F17 TIBETAN ASTROLOGICAL SIGN SGRA GCAN -CHAR RTAGS  
0F18 TIBETAN ASTROLOGICAL SIGN -KHYUD PA  
0F19 TIBETAN ASTROLOGICAL SIGN SDONG TSHUGS  
0F1A TIBETAN SIGN RDEL DKAR GCIG  
0F1B TIBETAN SIGN RDEL DKAR GNYIS  
0F1C TIBETAN SIGN RDEL DKAR GSUM  
0F1D TIBETAN SIGN RDEL NAG GCIG  
0F1E TIBETAN SIGN RDEL NAG GNYIS  
0F1F TIBETAN SIGN RDEL DKAR RDEL NAG  
0F20 TIBETAN DIGIT ZERO  
0F21 TIBETAN DIGIT ONE  
0F22 TIBETAN DIGIT TWO  
0F23 TIBETAN DIGIT THREE  
0F24 TIBETAN DIGIT FOUR  
0F25 TIBETAN DIGIT FIVE

0F26 TIBETAN DIGIT SIX  
0F27 TIBETAN DIGIT SEVEN  
0F28 TIBETAN DIGIT EIGHT  
0F29 TIBETAN DIGIT NINE  
0F2A TIBETAN NUMBER HALF ONE  
0F2B TIBETAN NUMBER HALF TWO  
0F2C TIBETAN NUMBER HALF THREE  
0F2D TIBETAN NUMBER HALF FOUR  
0F2E TIBETAN NUMBER HALF FIVE  
0F2F TIBETAN NUMBER HALF SIX  
0F30 TIBETAN NUMBER HALF SEVEN  
0F31 TIBETAN NUMBER HALF EIGHT  
0F32 TIBETAN NUMBER HALF NINE  
0F33 TIBETAN NUMBER HALF ZERO  
0F34 TIBETAN MARK BSDUS RTAGS  
0F35 TIBETAN MARK NGAS BZUNG NYI ZLA  
0F36 TIBETAN MARK CARET -DZUD RTAGS BZHI MIG CAN  
0F37 TIBETAN MARK NGAS BZUNG SGOR RTAGS  
0F38 TIBETAN MARK CHE MGO  
0F39 TIBETAN MARK TSA -PHRU  
0F3A TIBETAN MARK GUG RTAGS GYON  
0F3B TIBETAN MARK GUG RTAGS GYAS  
0F3C TIBETAN MARK ANG KHANG GYON  
0F3D TIBETAN MARK ANG KHANG GYAS  
0F3E TIBETAN SIGN YAR TSHES  
0F3F TIBETAN SIGN MAR TSHES  
0F40 TIBETAN CONSONANT LETTER KA  
0F41 TIBETAN CONSONANT LETTER KHA  
0F42 TIBETAN CONSONANT LETTER GA  
0F43 TIBETAN CONSONANT LETTER GHA  
0F44 TIBETAN CONSONANT LETTER NGA  
0F45 TIBETAN CONSONANT LETTER CA  
0F46 TIBETAN CONSONANT LETTER CHA  
0F47 TIBETAN CONSONANT LETTER JA  
0F49 TIBETAN CONSONANT LETTER NYA  
0F4A TIBETAN CONSONANT LETTER TTA  
0F4B TIBETAN CONSONANT LETTER TTHA  
0F4C TIBETAN CONSONANT LETTER DDA  
0F4D TIBETAN CONSONANT LETTER DDHA  
0F4E TIBETAN CONSONANT LETTER NNA  
0F4F TIBETAN CONSONANT LETTER TA  
0F50 TIBETAN CONSONANT LETTER THA  
0F51 TIBETAN CONSONANT LETTER DA  
0F52 TIBETAN CONSONANT LETTER DHA  
0F53 TIBETAN CONSONANT LETTER NA  
0F54 TIBETAN CONSONANT LETTER PA  
0F55 TIBETAN CONSONANT LETTER PHA  
0F56 TIBETAN CONSONANT LETTER BA  
0F57 TIBETAN CONSONANT LETTER BHA  
0F58 TIBETAN CONSONANT LETTER MA  
0F59 TIBETAN CONSONANT LETTER TSA  
0F5A TIBETAN CONSONANT LETTER TSHA  
0F5B TIBETAN CONSONANT LETTER DZA  
0F5C TIBETAN CONSONANT LETTER DZHA  
0F5D TIBETAN CONSONANT LETTER WA  
0F5E TIBETAN CONSONANT LETTER ZHA  
0F5F TIBETAN CONSONANT LETTER ZA  
0F60 TIBETAN CONSONANT LETTER -A  
0F61 TIBETAN CONSONANT LETTER YA  
0F62 TIBETAN CONSONANT LETTER RA  
0F63 TIBETAN CONSONANT LETTER LA

0F64 TIBETAN CONSONANT LETTER SHA  
0F65 TIBETAN CONSONANT LETTER SSA  
0F66 TIBETAN CONSONANT LETTER SA  
0F67 TIBETAN CONSONANT LETTER HA  
0F68 TIBETAN CONSONANT LETTER A  
0F69 TIBETAN CONSONANT LETTER KSSA  
0F71 TIBETAN VOWEL SIGN AA  
0F72 TIBETAN VOWEL SIGN I  
0F73 TIBETAN VOWEL SIGN II  
0F74 TIBETAN VOWEL SIGN U  
0F75 TIBETAN VOWEL SIGN UU  
0F76 TIBETAN VOWEL SIGN VOCALIC R  
0F77 TIBETAN VOWEL SIGN VOCALIC RR  
0F78 TIBETAN VOWEL SIGN VOCALIC L  
0F79 TIBETAN VOWEL SIGN VOCALIC LL  
0F7A TIBETAN VOWEL SIGN E  
0F7B TIBETAN VOWEL SIGN EE  
0F7C TIBETAN VOWEL SIGN O  
0F7D TIBETAN VOWEL SIGN OO  
0F7E TIBETAN SIGN RJES SU NGA RO  
0F7F TIBETAN SIGN RNAM BCAD  
0F80 TIBETAN VOWEL SIGN REVERSED I  
0F81 TIBETAN VOWEL SIGN REVERSED II  
0F82 TIBETAN SIGN NYI ZLA NAA DA  
0F83 TIBETAN SIGN SNA LDAN  
0F84 TIBETAN SIGN HALANTA  
0F85 TIBETAN SIGN PALUTA  
0F86 TIBETAN SIGN LCI RTAGS  
0F87 TIBETAN SIGN YANG RTAGS  
0F88 TIBETAN SIGN LCE TSA CAN  
0F89 TIBETAN SIGN MCHU CAN  
0F8A TIBETAN SIGN GRU CAN RGYINGS  
0F8B TIBETAN SIGN GRU MED RGYINGS  
0F90 TIBETAN SUBJOINED LETTER KA  
0F91 TIBETAN SUBJOINED LETTER KHA  
0F92 TIBETAN SUBJOINED LETTER GA  
0F93 TIBETAN SUBJOINED LETTER GHA  
0F94 TIBETAN SUBJOINED LETTER NGA  
0F95 TIBETAN SUBJOINED LETTER CA  
0F97 TIBETAN SUBJOINED LETTER JA  
0F99 TIBETAN SUBJOINED LETTER NYA  
0F9A TIBETAN SUBJOINED LETTER TTA  
0F9B TIBETAN SUBJOINED LETTER TTHA  
0F9C TIBETAN SUBJOINED LETTER DDA  
0F9D TIBETAN SUBJOINED LETTER DDHA  
0F9E TIBETAN SUBJOINED LETTER NNA  
0F9F TIBETAN SUBJOINED LETTER TA  
0FA0 TIBETAN SUBJOINED LETTER THA  
0FA1 TIBETAN SUBJOINED LETTER DA  
0FA2 TIBETAN SUBJOINED LETTER DHA  
0FA3 TIBETAN SUBJOINED LETTER NA  
0FA4 TIBETAN SUBJOINED LETTER PA  
0FA5 TIBETAN SUBJOINED LETTER PHA  
0FA6 TIBETAN SUBJOINED LETTER BA  
0FA7 TIBETAN SUBJOINED LETTER BHA  
0FA8 TIBETAN SUBJOINED LETTER MA  
0FA9 TIBETAN SUBJOINED LETTER TSA  
0FAA TIBETAN SUBJOINED LETTER TSHA  
0FAB TIBETAN SUBJOINED LETTER DZA  
0FAC TIBETAN SUBJOINED LETTER DZHA  
0FAD TIBETAN SUBJOINED LETTER WA



0FB1 TIBETAN SUBJOINED LETTER YA  
0FB2 TIBETAN SUBJOINED LETTER RA  
0FB3 TIBETAN SUBJOINED LETTER LA  
0FB4 TIBETAN SUBJOINED LETTER SHA  
0FB5 TIBETAN SUBJOINED LETTER SSA  
0FB6 TIBETAN SUBJOINED LETTER SA  
0FB7 TIBETAN SUBJOINED LETTER HA  
0FB9 TIBETAN SUBJOINED LETTER KSSA  
10A0 GEORGIAN CAPITAL LETTER AN (Khutsuri)  
10A1 GEORGIAN CAPITAL LETTER BAN (Khutsuri)  
10A2 GEORGIAN CAPITAL LETTER GAN (Khutsuri)  
10A3 GEORGIAN CAPITAL LETTER DON (Khutsuri)  
10A4 GEORGIAN CAPITAL LETTER EN (Khutsuri)  
10A5 GEORGIAN CAPITAL LETTER VIN (Khutsuri)  
10A6 GEORGIAN CAPITAL LETTER ZEN (Khutsuri)  
10A7 GEORGIAN CAPITAL LETTER TAN (Khutsuri)  
10A8 GEORGIAN CAPITAL LETTER IN (Khutsuri)  
10A9 GEORGIAN CAPITAL LETTER KAN (Khutsuri)  
10AA GEORGIAN CAPITAL LETTER LAS (Khutsuri)  
10AB GEORGIAN CAPITAL LETTER MAN (Khutsuri)  
10AC GEORGIAN CAPITAL LETTER NAR (Khutsuri)  
10AD GEORGIAN CAPITAL LETTER ON (Khutsuri)  
10AE GEORGIAN CAPITAL LETTER PAR (Khutsuri)  
10AF GEORGIAN CAPITAL LETTER ZHAR (Khutsuri)  
10B0 GEORGIAN CAPITAL LETTER RAE (Khutsuri)  
10B1 GEORGIAN CAPITAL LETTER SAN (Khutsuri)  
10B2 GEORGIAN CAPITAL LETTER TAR (Khutsuri)  
10B3 GEORGIAN CAPITAL LETTER UN (Khutsuri)  
10B4 GEORGIAN CAPITAL LETTER PHAR (Khutsuri)  
10B5 GEORGIAN CAPITAL LETTER KHAR (Khutsuri)  
10B6 GEORGIAN CAPITAL LETTER GHAN (Khutsuri)  
10B7 GEORGIAN CAPITAL LETTER QAR (Khutsuri)  
10B8 GEORGIAN CAPITAL LETTER SHIN (Khutsuri)  
10B9 GEORGIAN CAPITAL LETTER CHIN (Khutsuri)  
10BA GEORGIAN CAPITAL LETTER CAN (Khutsuri)  
10BB GEORGIAN CAPITAL LETTER JIL (Khutsuri)  
10BC GEORGIAN CAPITAL LETTER CIL (Khutsuri)  
10BD GEORGIAN CAPITAL LETTER CHAR (Khutsuri)  
10BE GEORGIAN CAPITAL LETTER XAN (Khutsuri)  
10BF GEORGIAN CAPITAL LETTER JHAN (Khutsuri)  
10C0 GEORGIAN CAPITAL LETTER HAE (Khutsuri)  
10C1 GEORGIAN CAPITAL LETTER HE (Khutsuri)  
10C2 GEORGIAN CAPITAL LETTER HIE (Khutsuri)  
10C3 GEORGIAN CAPITAL LETTER WE (Khutsuri)  
10C4 GEORGIAN CAPITAL LETTER HAR (Khutsuri)  
10C5 GEORGIAN CAPITAL LETTER HOE (Khutsuri)  
10D0 GEORGIAN LETTER AN  
10D1 GEORGIAN LETTER BAN  
10D2 GEORGIAN LETTER GAN  
10D3 GEORGIAN LETTER DON  
10D4 GEORGIAN LETTER EN  
10D5 GEORGIAN LETTER VIN  
10D6 GEORGIAN LETTER ZEN  
10D7 GEORGIAN LETTER TAN  
10D8 GEORGIAN LETTER IN  
10D9 GEORGIAN LETTER KAN  
10DA GEORGIAN LETTER LAS  
10DB GEORGIAN LETTER MAN  
10DC GEORGIAN LETTER NAR  
10DD GEORGIAN LETTER ON  
10DE GEORGIAN LETTER PAR

10DF GEORGIAN LETTER ZHAR  
10E0 GEORGIAN LETTER RAE  
10E1 GEORGIAN LETTER SAN  
10E2 GEORGIAN LETTER TAR  
10E3 GEORGIAN LETTER UN  
10E4 GEORGIAN LETTER PHAR  
10E5 GEORGIAN LETTER KHAR  
10E6 GEORGIAN LETTER GHAN  
10E7 GEORGIAN LETTER QAR  
10E8 GEORGIAN LETTER SHIN  
10E9 GEORGIAN LETTER CHIN  
10EA GEORGIAN LETTER CAN  
10EB GEORGIAN LETTER JIL  
10EC GEORGIAN LETTER CIL  
10ED GEORGIAN LETTER CHAR  
10EE GEORGIAN LETTER XAN  
10EF GEORGIAN LETTER JHAN  
10F0 GEORGIAN LETTER HAE  
10F1 GEORGIAN LETTER HE  
10F2 GEORGIAN LETTER HIE  
10F3 GEORGIAN LETTER WE  
10F4 GEORGIAN LETTER HAR  
10F5 GEORGIAN LETTER HOE  
10F6 GEORGIAN LETTER FI  
10FB GEORGIAN PARAGRAPH SEPARATOR  
1100 HANGUL CHOSEONG KIYEOK  
1101 HANGUL CHOSEONG SSANGKIYEOK  
1102 HANGUL CHOSEONG NIEUN  
1103 HANGUL CHOSEONG TIKEUT  
1104 HANGUL CHOSEONG SSANGTIKEUT  
1105 HANGUL CHOSEONG RIEUL  
1106 HANGUL CHOSEONG MIEUM  
1107 HANGUL CHOSEONG PIEUP  
1108 HANGUL CHOSEONG SSANGPIEUP  
1109 HANGUL CHOSEONG SIOS  
110A HANGUL CHOSEONG SSANGSIOS  
110B HANGUL CHOSEONG IEUNG  
110C HANGUL CHOSEONG CIEUC  
110D HANGUL CHOSEONG SSANGCIEUC  
110E HANGUL CHOSEONG CHIEUCH  
110F HANGUL CHOSEONG KHIEUKH  
1110 HANGUL CHOSEONG THIEUTH  
1111 HANGUL CHOSEONG PHIEUPH  
1112 HANGUL CHOSEONG HIEUH  
1113 HANGUL CHOSEONG NIEUN-KIYEOK  
1114 HANGUL CHOSEONG SSANGNIEUN  
1115 HANGUL CHOSEONG NIEUN-TIKEUT  
1116 HANGUL CHOSEONG NIEUN-PIEUP  
1117 HANGUL CHOSEONG TIKEUT-KIYEOK  
1118 HANGUL CHOSEONG RIEUL-NIEUN  
1119 HANGUL CHOSEONG SSANGRIEUL  
111A HANGUL CHOSEONG RIEUL-HIEUH  
111B HANGUL CHOSEONG KAPYEOUNRIEUL  
111C HANGUL CHOSEONG MIEUM-PIEUP  
111D HANGUL CHOSEONG KAPYEOUNMIEUM  
111E HANGUL CHOSEONG PIEUP-KIYEOK  
111F HANGUL CHOSEONG PIEUP-NIEUN  
1120 HANGUL CHOSEONG PIEUP-TIKEUT  
1121 HANGUL CHOSEONG PIEUP-SIOS  
1122 HANGUL CHOSEONG PIEUP-SIOS-KIYEOK  
1123 HANGUL CHOSEONG PIEUP-SIOS-TIKEUT

1124 HANGUL CHOSEONG PIEUP-SIOS-PIEUP  
1125 HANGUL CHOSEONG PIEUP-SSANGSIOS  
1126 HANGUL CHOSEONG PIEUP-SIOS-CIEUC  
1127 HANGUL CHOSEONG PIEUP-CIEUC  
1128 HANGUL CHOSEONG PIEUP-CHIEUCH  
1129 HANGUL CHOSEONG PIEUP-THIEUTH  
112A HANGUL CHOSEONG PIEUP-PHIEUPH  
112B HANGUL CHOSEONG KAPYEOUNPIEUP  
112C HANGUL CHOSEONG KAPYEOUNSSANGPIEUP  
112D HANGUL CHOSEONG SIOS-KIYEOK  
112E HANGUL CHOSEONG SIOS-NIEUN  
112F HANGUL CHOSEONG SIOS-TIKEUT  
1130 HANGUL CHOSEONG SIOS-RIEUL  
1131 HANGUL CHOSEONG SIOS-MIEUM  
1132 HANGUL CHOSEONG SIOS-PIEUP  
1133 HANGUL CHOSEONG SIOS-PIEUP-KIYEOK  
1134 HANGUL CHOSEONG SIOS-SSANGSIOS  
1135 HANGUL CHOSEONG SIOS-IEUNG  
1136 HANGUL CHOSEONG SIOS-CIEUC  
1137 HANGUL CHOSEONG SIOS-CHIEUCH  
1138 HANGUL CHOSEONG SIOS-KHIEUKH  
1139 HANGUL CHOSEONG SIOS-THIEUTH  
113A HANGUL CHOSEONG SIOS-PHIEUPH  
113B HANGUL CHOSEONG SIOS-HIEUH  
113C HANGUL CHOSEONG CHITUEUMSIOS  
113D HANGUL CHOSEONG CHITUEUMSSANGSIOS  
113E HANGUL CHOSEONG CEONGCHIEUMSIOS  
113F HANGUL CHOSEONG CEONGCHIEUMSSANGSIOS  
1140 HANGUL CHOSEONG PANSIOS  
1141 HANGUL CHOSEONG IEUNG-KIYEOK  
1142 HANGUL CHOSEONG IEUNG-TIKEUT  
1143 HANGUL CHOSEONG IEUNG-MIEUM  
1144 HANGUL CHOSEONG IEUNG-PIEUP  
1145 HANGUL CHOSEONG IEUNG-SIOS  
1146 HANGUL CHOSEONG IEUNG-PANSIOS  
1147 HANGUL CHOSEONG SSANGIEUNG  
1148 HANGUL CHOSEONG IEUNG-CIEUC  
1149 HANGUL CHOSEONG IEUNG-CHIEUCH  
114A HANGUL CHOSEONG IEUNG-THIEUTH  
114B HANGUL CHOSEONG IEUNG-PHIEUPH  
114C HANGUL CHOSEONG YESIEUNG  
114D HANGUL CHOSEONG CIEUC-IEUNG  
114E HANGUL CHOSEONG CHITUEUMCIEUC  
114F HANGUL CHOSEONG CHITUEUMSSANGCIEUC  
1150 HANGUL CHOSEONG CEONGCHIEUMCIEUC  
1151 HANGUL CHOSEONG CEONGCHIEUMSSANGCIEUC  
1152 HANGUL CHOSEONG CHIEUCH-KHIEUKH  
1153 HANGUL CHOSEONG CHIEUCH-HIEUH  
1154 HANGUL CHOSEONG CHITUEUMCHIEUCH  
1155 HANGUL CHOSEONG CEONGCHIEUMCHIEUCH  
1156 HANGUL CHOSEONG PHIEUPH-PIEUP  
1157 HANGUL CHOSEONG KAPYEOUNPHIEUPH  
1158 HANGUL CHOSEONG SSANGHIEUH  
1159 HANGUL CHOSEONG YEORINHIEUH  
115F HANGUL CHOSEONG FILLER  
1160 HANGUL JUNGSEONG FILLER  
1161 HANGUL JUNGSEONG A  
1162 HANGUL JUNGSEONG AE  
1163 HANGUL JUNGSEONG YA  
1164 HANGUL JUNGSEONG YAE  
1165 HANGUL JUNGSEONG EO

1166 HANGUL JUNGSEONG E  
1167 HANGUL JUNGSEONG YEO  
1168 HANGUL JUNGSEONG YE  
1169 HANGUL JUNGSEONG O  
116A HANGUL JUNGSEONG WA  
116B HANGUL JUNGSEONG WAE  
116C HANGUL JUNGSEONG OE  
116D HANGUL JUNGSEONG YO  
116E HANGUL JUNGSEONG U  
116F HANGUL JUNGSEONG WEO  
1170 HANGUL JUNGSEONG WE  
1171 HANGUL JUNGSEONG WI  
1172 HANGUL JUNGSEONG YU  
1173 HANGUL JUNGSEONG EU  
1174 HANGUL JUNGSEONG YI  
1175 HANGUL JUNGSEONG I  
1176 HANGUL JUNGSEONG A-O  
1177 HANGUL JUNGSEONG A-U  
1178 HANGUL JUNGSEONG YA-O  
1179 HANGUL JUNGSEONG YA-YO  
117A HANGUL JUNGSEONG EO-O  
117B HANGUL JUNGSEONG EO-U  
117C HANGUL JUNGSEONG EO-EU  
117D HANGUL JUNGSEONG YEO-O  
117E HANGUL JUNGSEONG YEO-U  
117F HANGUL JUNGSEONG O-EO  
1180 HANGUL JUNGSEONG O-E  
1181 HANGUL JUNGSEONG O-YE  
1182 HANGUL JUNGSEONG O-O  
1183 HANGUL JUNGSEONG O-U  
1184 HANGUL JUNGSEONG YO-YA  
1185 HANGUL JUNGSEONG YO-YAE  
1186 HANGUL JUNGSEONG YO-YEO  
1187 HANGUL JUNGSEONG YO-O  
1188 HANGUL JUNGSEONG YO-I  
1189 HANGUL JUNGSEONG U-A  
118A HANGUL JUNGSEONG U-AE  
118B HANGUL JUNGSEONG U-EO-EU  
118C HANGUL JUNGSEONG U-YE  
118D HANGUL JUNGSEONG U-U  
118E HANGUL JUNGSEONG YU-A  
118F HANGUL JUNGSEONG YU-EO  
1190 HANGUL JUNGSEONG YU-E  
1191 HANGUL JUNGSEONG YU-YEO  
1192 HANGUL JUNGSEONG YU-YE  
1193 HANGUL JUNGSEONG YU-U  
1194 HANGUL JUNGSEONG YU-I  
1195 HANGUL JUNGSEONG EU-U  
1196 HANGUL JUNGSEONG EU-EU  
1197 HANGUL JUNGSEONG YI-U  
1198 HANGUL JUNGSEONG I-A  
1199 HANGUL JUNGSEONG I-YA  
119A HANGUL JUNGSEONG I-O  
119B HANGUL JUNGSEONG I-U  
119C HANGUL JUNGSEONG I-EU  
119D HANGUL JUNGSEONG I-ARAEA  
119E HANGUL JUNGSEONG ARAEA  
119F HANGUL JUNGSEONG ARAEA-EO  
11A0 HANGUL JUNGSEONG ARAEA-U  
11A1 HANGUL JUNGSEONG ARAEA-I  
11A2 HANGUL JUNGSEONG SSANGARAEA

11A8 HANGUL JONGSEONG KIYEOK  
11A9 HANGUL JONGSEONG SSANGKIYEOK  
11AA HANGUL JONGSEONG KIYEOK-SIOS  
11AB HANGUL JONGSEONG NIEUN  
11AC HANGUL JONGSEONG NIEUN-CIEUC  
11AD HANGUL JONGSEONG NIEUN-HIEUH  
11AE HANGUL JONGSEONG TIKEUT  
11AF HANGUL JONGSEONG RIEUL  
11B0 HANGUL JONGSEONG RIEUL-KIYEOK  
11B1 HANGUL JONGSEONG RIEUL-MIEUM  
11B2 HANGUL JONGSEONG RIEUL-PIEUP  
11B3 HANGUL JONGSEONG RIEUL-SIOS  
11B4 HANGUL JONGSEONG RIEUL-THIEUTH  
11B5 HANGUL JONGSEONG RIEUL-PHIEUPH  
11B6 HANGUL JONGSEONG RIEUL-HIEUH  
11B7 HANGUL JONGSEONG MIEUM  
11B8 HANGUL JONGSEONG PIEUP  
11B9 HANGUL JONGSEONG PIEUP-SIOS  
11BA HANGUL JONGSEONG SIOS  
11BB HANGUL JONGSEONG SSANGSIOS  
11BC HANGUL JONGSEONG IEUNG  
11BD HANGUL JONGSEONG CIEUC  
11BE HANGUL JONGSEONG CHIEUCH  
11BF HANGUL JONGSEONG KHIEUKH  
11C0 HANGUL JONGSEONG THIEUTH  
11C1 HANGUL JONGSEONG PHIEUPH  
11C2 HANGUL JONGSEONG HIEUH  
11C3 HANGUL JONGSEONG KIYEOK-RIEUL  
11C4 HANGUL JONGSEONG KIYEOK-SIOS-KIYEOK  
11C5 HANGUL JONGSEONG NIEUN-KIYEOK  
11C6 HANGUL JONGSEONG NIEUN-TIKEUT  
11C7 HANGUL JONGSEONG NIEUN-SIOS  
11C8 HANGUL JONGSEONG NIEUN-PANSIOS  
11C9 HANGUL JONGSEONG NIEUN-THIEUTH  
11CA HANGUL JONGSEONG TIKEUT-KIYEOK  
11CB HANGUL JONGSEONG TIKEUT-RIEUL  
11CC HANGUL JONGSEONG RIEUL-KIYEOK-SIOS  
11CD HANGUL JONGSEONG RIEUL-NIEUN  
11CE HANGUL JONGSEONG RIEUL-TIKEUT  
11CF HANGUL JONGSEONG RIEUL-TIKEUT-HIEUH  
11D0 HANGUL JONGSEONG SSANGRIEUL  
11D1 HANGUL JONGSEONG RIEUL-MIEUM-KIYEOK  
11D2 HANGUL JONGSEONG RIEUL-MIEUM-SIOS  
11D3 HANGUL JONGSEONG RIEUL-PIEUP-SIOS  
11D4 HANGUL JONGSEONG RIEUL-PIEUP-HIEUH  
11D5 HANGUL JONGSEONG RIEUL-KAPYEOUNPIEUP  
11D6 HANGUL JONGSEONG RIEUL-SSANGSIOS  
11D7 HANGUL JONGSEONG RIEUL-PANSIOS  
11D8 HANGUL JONGSEONG RIEUL-KHIEUKH  
11D9 HANGUL JONGSEONG RIEUL-YEORINHIEUH  
11DA HANGUL JONGSEONG MIEUM-KIYEOK  
11DB HANGUL JONGSEONG MIEUM-RIEUL  
11DC HANGUL JONGSEONG MIEUM-PIEUP  
11DD HANGUL JONGSEONG MIEUM-SIOS  
11DE HANGUL JONGSEONG MIEUM-SSANGSIOS  
11DF HANGUL JONGSEONG MIEUM-PANSIOS  
11E0 HANGUL JONGSEONG MIEUM-CHIEUCH  
11E1 HANGUL JONGSEONG MIEUM-HIEUH  
11E2 HANGUL JONGSEONG KAPYEOUNMIEUM  
11E3 HANGUL JONGSEONG PIEUP-RIEUL  
11E4 HANGUL JONGSEONG PIEUP-PHIEUPH

11E5 HANGUL JONGSEONG PIEUP-HIEUH  
11E6 HANGUL JONGSEONG KAPYEOUNPIEUP  
11E7 HANGUL JONGSEONG SIOS-KIYEOK  
11E8 HANGUL JONGSEONG SIOS-TIKEUT  
11E9 HANGUL JONGSEONG SIOS-RIEUL  
11EA HANGUL JONGSEONG SIOS-PIEUP  
11EB HANGUL JONGSEONG PANSIOS  
11EC HANGUL JONGSEONG IEUNG-KIYEOK  
11ED HANGUL JONGSEONG IEUNG-SSANGKIYEOK  
11EE HANGUL JONGSEONG SSANGIEUNG  
11EF HANGUL JONGSEONG IEUNG-KHIEUKH  
11F0 HANGUL JONGSEONG YESIEUNG  
11F1 HANGUL JONGSEONG YESIEUNG-SIOS  
11F2 HANGUL JONGSEONG YESIEUNG-PANSIOS  
11F3 HANGUL JONGSEONG PHIEUPH-PIEUP  
11F4 HANGUL JONGSEONG KAPYEOUNPHIEUPH  
11F5 HANGUL JONGSEONG HIEUH-NIEUN  
11F6 HANGUL JONGSEONG HIEUH-RIEUL  
11F7 HANGUL JONGSEONG HIEUH-MIEUM  
11F8 HANGUL JONGSEONG HIEUH-PIEUP  
11F9 HANGUL JONGSEONG YEORINHIEUH  
1E00 LATIN CAPITAL LETTER A WITH RING BELOW  
1E01 LATIN SMALL LETTER A WITH RING BELOW  
1E02 LATIN CAPITAL LETTER B WITH DOT ABOVE  
1E03 LATIN SMALL LETTER B WITH DOT ABOVE  
1E04 LATIN CAPITAL LETTER B WITH DOT BELOW  
1E05 LATIN SMALL LETTER B WITH DOT BELOW  
1E06 LATIN CAPITAL LETTER B WITH LINE BELOW  
1E07 LATIN SMALL LETTER B WITH LINE BELOW  
1E08 LATIN CAPITAL LETTER C WITH CEDILLA AND ACUTE  
1E09 LATIN SMALL LETTER C WITH CEDILLA AND ACUTE  
1E0A LATIN CAPITAL LETTER D WITH DOT ABOVE  
1E0B LATIN SMALL LETTER D WITH DOT ABOVE  
1E0C LATIN CAPITAL LETTER D WITH DOT BELOW  
1E0D LATIN SMALL LETTER D WITH DOT BELOW  
1E0E LATIN CAPITAL LETTER D WITH LINE BELOW  
1E0F LATIN SMALL LETTER D WITH LINE BELOW  
1E10 LATIN CAPITAL LETTER D WITH CEDILLA  
1E11 LATIN SMALL LETTER D WITH CEDILLA  
1E12 LATIN CAPITAL LETTER D WITH CIRCUMFLEX BELOW  
1E13 LATIN SMALL LETTER D WITH CIRCUMFLEX BELOW  
1E14 LATIN CAPITAL LETTER E WITH MACRON AND GRAVE  
1E15 LATIN SMALL LETTER E WITH MACRON AND GRAVE  
1E16 LATIN CAPITAL LETTER E WITH MACRON AND ACUTE  
1E17 LATIN SMALL LETTER E WITH MACRON AND ACUTE  
1E18 LATIN CAPITAL LETTER E WITH CIRCUMFLEX BELOW  
1E19 LATIN SMALL LETTER E WITH CIRCUMFLEX BELOW  
1E1A LATIN CAPITAL LETTER E WITH TILDE BELOW  
1E1B LATIN SMALL LETTER E WITH TILDE BELOW  
1E1C LATIN CAPITAL LETTER E WITH CEDILLA AND BREVE  
1E1D LATIN SMALL LETTER E WITH CEDILLA AND BREVE  
1E1E LATIN CAPITAL LETTER F WITH DOT ABOVE  
1E1F LATIN SMALL LETTER F WITH DOT ABOVE  
1E20 LATIN CAPITAL LETTER G WITH MACRON  
1E21 LATIN SMALL LETTER G WITH MACRON  
1E22 LATIN CAPITAL LETTER H WITH DOT ABOVE  
1E23 LATIN SMALL LETTER H WITH DOT ABOVE  
1E24 LATIN CAPITAL LETTER H WITH DOT BELOW  
1E25 LATIN SMALL LETTER H WITH DOT BELOW  
1E26 LATIN CAPITAL LETTER H WITH DIAERESIS  
1E27 LATIN SMALL LETTER H WITH DIAERESIS

1E28 LATIN CAPITAL LETTER H WITH CEDILLA  
1E29 LATIN SMALL LETTER H WITH CEDILLA  
1E2A LATIN CAPITAL LETTER H WITH BREVE BELOW  
1E2B LATIN SMALL LETTER H WITH BREVE BELOW  
1E2C LATIN CAPITAL LETTER I WITH TILDE BELOW  
1E2D LATIN SMALL LETTER I WITH TILDE BELOW  
1E2E LATIN CAPITAL LETTER I WITH DIAERESIS AND ACUTE  
1E2F LATIN SMALL LETTER I WITH DIAERESIS AND ACUTE  
1E30 LATIN CAPITAL LETTER K WITH ACUTE  
1E31 LATIN SMALL LETTER K WITH ACUTE  
1E32 LATIN CAPITAL LETTER K WITH DOT BELOW  
1E33 LATIN SMALL LETTER K WITH DOT BELOW  
1E34 LATIN CAPITAL LETTER K WITH LINE BELOW  
1E35 LATIN SMALL LETTER K WITH LINE BELOW  
1E36 LATIN CAPITAL LETTER L WITH DOT BELOW  
1E37 LATIN SMALL LETTER L WITH DOT BELOW  
1E38 LATIN CAPITAL LETTER L WITH DOT BELOW AND MACRON  
1E39 LATIN SMALL LETTER L WITH DOT BELOW AND MACRON  
1E3A LATIN CAPITAL LETTER L WITH LINE BELOW  
1E3B LATIN SMALL LETTER L WITH LINE BELOW  
1E3C LATIN CAPITAL LETTER L WITH CIRCUMFLEX BELOW  
1E3D LATIN SMALL LETTER L WITH CIRCUMFLEX BELOW  
1E3E LATIN CAPITAL LETTER M WITH ACUTE  
1E3F LATIN SMALL LETTER M WITH ACUTE  
1E40 LATIN CAPITAL LETTER M WITH DOT ABOVE  
1E41 LATIN SMALL LETTER M WITH DOT ABOVE  
1E42 LATIN CAPITAL LETTER M WITH DOT BELOW  
1E43 LATIN SMALL LETTER M WITH DOT BELOW  
1E44 LATIN CAPITAL LETTER N WITH DOT ABOVE  
1E45 LATIN SMALL LETTER N WITH DOT ABOVE  
1E46 LATIN CAPITAL LETTER N WITH DOT BELOW  
1E47 LATIN SMALL LETTER N WITH DOT BELOW  
1E48 LATIN CAPITAL LETTER N WITH LINE BELOW  
1E49 LATIN SMALL LETTER N WITH LINE BELOW  
1E4A LATIN CAPITAL LETTER N WITH CIRCUMFLEX BELOW  
1E4B LATIN SMALL LETTER N WITH CIRCUMFLEX BELOW  
1E4C LATIN CAPITAL LETTER O WITH TILDE AND ACUTE  
1E4D LATIN SMALL LETTER O WITH TILDE AND ACUTE  
1E4E LATIN CAPITAL LETTER O WITH TILDE AND DIAERESIS  
1E4F LATIN SMALL LETTER O WITH TILDE AND DIAERESIS  
1E50 LATIN CAPITAL LETTER O WITH MACRON AND GRAVE  
1E51 LATIN SMALL LETTER O WITH MACRON AND GRAVE  
1E52 LATIN CAPITAL LETTER O WITH MACRON AND ACUTE  
1E53 LATIN SMALL LETTER O WITH MACRON AND ACUTE  
1E54 LATIN CAPITAL LETTER P WITH ACUTE  
1E55 LATIN SMALL LETTER P WITH ACUTE  
1E56 LATIN CAPITAL LETTER P WITH DOT ABOVE  
1E57 LATIN SMALL LETTER P WITH DOT ABOVE  
1E58 LATIN CAPITAL LETTER R WITH DOT ABOVE  
1E59 LATIN SMALL LETTER R WITH DOT ABOVE  
1E5A LATIN CAPITAL LETTER R WITH DOT BELOW  
1E5B LATIN SMALL LETTER R WITH DOT BELOW  
1E5C LATIN CAPITAL LETTER R WITH DOT BELOW AND MACRON  
1E5D LATIN SMALL LETTER R WITH DOT BELOW AND MACRON  
1E5E LATIN CAPITAL LETTER R WITH LINE BELOW  
1E5F LATIN SMALL LETTER R WITH LINE BELOW  
1E60 LATIN CAPITAL LETTER S WITH DOT ABOVE  
1E61 LATIN SMALL LETTER S WITH DOT ABOVE  
1E62 LATIN CAPITAL LETTER S WITH DOT BELOW  
1E63 LATIN SMALL LETTER S WITH DOT BELOW  
1E64 LATIN CAPITAL LETTER S WITH ACUTE AND DOT ABOVE

1E65 LATIN SMALL LETTER S WITH ACUTE AND DOT ABOVE  
1E66 LATIN CAPITAL LETTER S WITH CARON AND DOT ABOVE  
1E67 LATIN SMALL LETTER S WITH CARON AND DOT ABOVE  
1E68 LATIN CAPITAL LETTER S WITH DOT BELOW AND DOT ABOVE  
1E69 LATIN SMALL LETTER S WITH DOT BELOW AND DOT ABOVE  
1E6A LATIN CAPITAL LETTER T WITH DOT ABOVE  
1E6B LATIN SMALL LETTER T WITH DOT ABOVE  
1E6C LATIN CAPITAL LETTER T WITH DOT BELOW  
1E6D LATIN SMALL LETTER T WITH DOT BELOW  
1E6E LATIN CAPITAL LETTER T WITH LINE BELOW  
1E6F LATIN SMALL LETTER T WITH LINE BELOW  
1E70 LATIN CAPITAL LETTER T WITH CIRCUMFLEX BELOW  
1E71 LATIN SMALL LETTER T WITH CIRCUMFLEX BELOW  
1E72 LATIN CAPITAL LETTER U WITH DIAERESIS BELOW  
1E73 LATIN SMALL LETTER U WITH DIAERESIS BELOW  
1E74 LATIN CAPITAL LETTER U WITH TILDE BELOW  
1E75 LATIN SMALL LETTER U WITH TILDE BELOW  
1E76 LATIN CAPITAL LETTER U WITH CIRCUMFLEX BELOW  
1E77 LATIN SMALL LETTER U WITH CIRCUMFLEX BELOW  
1E78 LATIN CAPITAL LETTER U WITH TILDE AND ACUTE  
1E79 LATIN SMALL LETTER U WITH TILDE AND ACUTE  
1E7A LATIN CAPITAL LETTER U WITH MACRON AND DIAERESIS  
1E7B LATIN SMALL LETTER U WITH MACRON AND DIAERESIS  
1E7C LATIN CAPITAL LETTER V WITH TILDE  
1E7D LATIN SMALL LETTER V WITH TILDE  
1E7E LATIN CAPITAL LETTER V WITH DOT BELOW  
1E7F LATIN SMALL LETTER V WITH DOT BELOW  
1E80 LATIN CAPITAL LETTER W WITH GRAVE  
1E81 LATIN SMALL LETTER W WITH GRAVE  
1E82 LATIN CAPITAL LETTER W WITH ACUTE  
1E83 LATIN SMALL LETTER W WITH ACUTE  
1E84 LATIN CAPITAL LETTER W WITH DIAERESIS  
1E85 LATIN SMALL LETTER W WITH DIAERESIS  
1E86 LATIN CAPITAL LETTER W WITH DOT ABOVE  
1E87 LATIN SMALL LETTER W WITH DOT ABOVE  
1E88 LATIN CAPITAL LETTER W WITH DOT BELOW  
1E89 LATIN SMALL LETTER W WITH DOT BELOW  
1E8A LATIN CAPITAL LETTER X WITH DOT ABOVE  
1E8B LATIN SMALL LETTER X WITH DOT ABOVE  
1E8C LATIN CAPITAL LETTER X WITH DIAERESIS  
1E8D LATIN SMALL LETTER X WITH DIAERESIS  
1E8E LATIN CAPITAL LETTER Y WITH DOT ABOVE  
1E8F LATIN SMALL LETTER Y WITH DOT ABOVE  
1E90 LATIN CAPITAL LETTER Z WITH CIRCUMFLEX  
1E91 LATIN SMALL LETTER Z WITH CIRCUMFLEX  
1E92 LATIN CAPITAL LETTER Z WITH DOT BELOW  
1E93 LATIN SMALL LETTER Z WITH DOT BELOW  
1E94 LATIN CAPITAL LETTER Z WITH LINE BELOW  
1E95 LATIN SMALL LETTER Z WITH LINE BELOW  
1E96 LATIN SMALL LETTER H WITH LINE BELOW  
1E97 LATIN SMALL LETTER T WITH DIAERESIS  
1E98 LATIN SMALL LETTER W WITH RING ABOVE  
1E99 LATIN SMALL LETTER Y WITH RING ABOVE  
1E9A LATIN SMALL LETTER A WITH RIGHT HALF RING  
1E9B LATIN SMALL LETTER LONG S WITH DOT ABOVE  
1EA0 LATIN CAPITAL LETTER A WITH DOT BELOW  
1EA1 LATIN SMALL LETTER A WITH DOT BELOW  
1EA2 LATIN CAPITAL LETTER A WITH HOOK ABOVE  
1EA3 LATIN SMALL LETTER A WITH HOOK ABOVE  
1EA4 LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND ACUTE  
1EA5 LATIN SMALL LETTER A WITH CIRCUMFLEX AND ACUTE



1EA6 LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND GRAVE  
1EA7 LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRAVE  
1EA8 LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE  
1EA9 LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE  
1EAA LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND TILDE  
1EAB LATIN SMALL LETTER A WITH CIRCUMFLEX AND TILDE  
1EAC LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND DOT BELOW  
1EAD LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT BELOW  
1EAE LATIN CAPITAL LETTER A WITH BREVE AND ACUTE  
1EAF LATIN SMALL LETTER A WITH BREVE AND ACUTE  
1EB0 LATIN CAPITAL LETTER A WITH BREVE AND GRAVE  
1EB1 LATIN SMALL LETTER A WITH BREVE AND GRAVE  
1EB2 LATIN CAPITAL LETTER A WITH BREVE AND HOOK ABOVE  
1EB3 LATIN SMALL LETTER A WITH BREVE AND HOOK ABOVE  
1EB4 LATIN CAPITAL LETTER A WITH BREVE AND TILDE  
1EB5 LATIN SMALL LETTER A WITH BREVE AND TILDE  
1EB6 LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW  
1EB7 LATIN SMALL LETTER A WITH BREVE AND DOT BELOW  
1EB8 LATIN CAPITAL LETTER E WITH DOT BELOW  
1EB9 LATIN SMALL LETTER E WITH DOT BELOW  
1EBA LATIN CAPITAL LETTER E WITH HOOK ABOVE  
1EBB LATIN SMALL LETTER E WITH HOOK ABOVE  
1EBC LATIN CAPITAL LETTER E WITH TILDE  
1EBD LATIN SMALL LETTER E WITH TILDE  
1EBE LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND ACUTE  
1EBF LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACUTE  
1EC0 LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND GRAVE  
1EC1 LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRAVE  
1EC2 LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE  
1EC3 LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE  
1EC4 LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND TILDE  
1EC5 LATIN SMALL LETTER E WITH CIRCUMFLEX AND TILDE  
1EC6 LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND DOT BELOW  
1EC7 LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT BELOW  
1EC8 LATIN CAPITAL LETTER I WITH HOOK ABOVE  
1EC9 LATIN SMALL LETTER I WITH HOOK ABOVE  
1ECA LATIN CAPITAL LETTER I WITH DOT BELOW  
1ECB LATIN SMALL LETTER I WITH DOT BELOW  
1ECC LATIN CAPITAL LETTER O WITH DOT BELOW  
1ECD LATIN SMALL LETTER O WITH DOT BELOW  
1ECE LATIN CAPITAL LETTER O WITH HOOK ABOVE  
1ECF LATIN SMALL LETTER O WITH HOOK ABOVE  
1ED0 LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND ACUTE  
1ED1 LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACUTE  
1ED2 LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND GRAVE  
1ED3 LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRAVE  
1ED4 LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE  
1ED5 LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE  
1ED6 LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND TILDE  
1ED7 LATIN SMALL LETTER O WITH CIRCUMFLEX AND TILDE  
1ED8 LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND DOT BELOW  
1ED9 LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT BELOW  
1EDA LATIN CAPITAL LETTER O WITH HORN AND ACUTE  
1EDB LATIN SMALL LETTER O WITH HORN AND ACUTE  
1EDC LATIN CAPITAL LETTER O WITH HORN AND GRAVE  
1EDD LATIN SMALL LETTER O WITH HORN AND GRAVE  
1EDE LATIN CAPITAL LETTER O WITH HORN AND HOOK ABOVE  
1EDF LATIN SMALL LETTER O WITH HORN AND HOOK ABOVE  
1EE0 LATIN CAPITAL LETTER O WITH HORN AND TILDE  
1EE1 LATIN SMALL LETTER O WITH HORN AND TILDE  
1EE2 LATIN CAPITAL LETTER O WITH HORN AND DOT BELOW

1EE3 LATIN SMALL LETTER O WITH HORN AND DOT BELOW  
1EE4 LATIN CAPITAL LETTER U WITH DOT BELOW  
1EE5 LATIN SMALL LETTER U WITH DOT BELOW  
1EE6 LATIN CAPITAL LETTER U WITH HOOK ABOVE  
1EE7 LATIN SMALL LETTER U WITH HOOK ABOVE  
1EE8 LATIN CAPITAL LETTER U WITH HORN AND ACUTE  
1EE9 LATIN SMALL LETTER U WITH HORN AND ACUTE  
1EEA LATIN CAPITAL LETTER U WITH HORN AND GRAVE  
1EEB LATIN SMALL LETTER U WITH HORN AND GRAVE  
1EEC LATIN CAPITAL LETTER U WITH HORN AND HOOK ABOVE  
1EED LATIN SMALL LETTER U WITH HORN AND HOOK ABOVE  
1EEE LATIN CAPITAL LETTER U WITH HORN AND TILDE  
1EEF LATIN SMALL LETTER U WITH HORN AND TILDE  
1EF0 LATIN CAPITAL LETTER U WITH HORN AND DOT BELOW  
1EF1 LATIN SMALL LETTER U WITH HORN AND DOT BELOW  
1EF2 LATIN CAPITAL LETTER Y WITH GRAVE  
1EF3 LATIN SMALL LETTER Y WITH GRAVE  
1EF4 LATIN CAPITAL LETTER Y WITH DOT BELOW  
1EF5 LATIN SMALL LETTER Y WITH DOT BELOW  
1EF6 LATIN CAPITAL LETTER Y WITH HOOK ABOVE  
1EF7 LATIN SMALL LETTER Y WITH HOOK ABOVE  
1EF8 LATIN CAPITAL LETTER Y WITH TILDE  
1EF9 LATIN SMALL LETTER Y WITH TILDE  
1F00 GREEK SMALL LETTER ALPHA WITH PSILI  
1F01 GREEK SMALL LETTER ALPHA WITH DASIA  
1F02 GREEK SMALL LETTER ALPHA WITH PSILI AND VARIA  
1F03 GREEK SMALL LETTER ALPHA WITH DASIA AND VARIA  
1F04 GREEK SMALL LETTER ALPHA WITH PSILI AND OXIA  
1F05 GREEK SMALL LETTER ALPHA WITH DASIA AND OXIA  
1F06 GREEK SMALL LETTER ALPHA WITH PSILI AND PERISPOMENI  
1F07 GREEK SMALL LETTER ALPHA WITH DASIA AND PERISPOMENI  
1F08 GREEK CAPITAL LETTER ALPHA WITH PSILI  
1F09 GREEK CAPITAL LETTER ALPHA WITH DASIA  
1F0A GREEK CAPITAL LETTER ALPHA WITH PSILI AND VARIA  
1F0B GREEK CAPITAL LETTER ALPHA WITH DASIA AND VARIA  
1F0C GREEK CAPITAL LETTER ALPHA WITH PSILI AND OXIA  
1F0D GREEK CAPITAL LETTER ALPHA WITH DASIA AND OXIA  
1F0E GREEK CAPITAL LETTER ALPHA WITH PSILI AND PERISPOMENI  
1F0F GREEK CAPITAL LETTER ALPHA WITH DASIA AND PERISPOMENI  
1F10 GREEK SMALL LETTER EPSILON WITH PSILI  
1F11 GREEK SMALL LETTER EPSILON WITH DASIA  
1F12 GREEK SMALL LETTER EPSILON WITH PSILI AND VARIA  
1F13 GREEK SMALL LETTER EPSILON WITH DASIA AND VARIA  
1F14 GREEK SMALL LETTER EPSILON WITH PSILI AND OXIA  
1F15 GREEK SMALL LETTER EPSILON WITH DASIA AND OXIA  
1F18 GREEK CAPITAL LETTER EPSILON WITH PSILI  
1F19 GREEK CAPITAL LETTER EPSILON WITH DASIA  
1F1A GREEK CAPITAL LETTER EPSILON WITH PSILI AND VARIA  
1F1B GREEK CAPITAL LETTER EPSILON WITH DASIA AND VARIA  
1F1C GREEK CAPITAL LETTER EPSILON WITH PSILI AND OXIA  
1F1D GREEK CAPITAL LETTER EPSILON WITH DASIA AND OXIA  
1F20 GREEK SMALL LETTER ETA WITH PSILI  
1F21 GREEK SMALL LETTER ETA WITH DASIA  
1F22 GREEK SMALL LETTER ETA WITH PSILI AND VARIA  
1F23 GREEK SMALL LETTER ETA WITH DASIA AND VARIA  
1F24 GREEK SMALL LETTER ETA WITH PSILI AND OXIA  
1F25 GREEK SMALL LETTER ETA WITH DASIA AND OXIA  
1F26 GREEK SMALL LETTER ETA WITH PSILI AND PERISPOMENI  
1F27 GREEK SMALL LETTER ETA WITH DASIA AND PERISPOMENI  
1F28 GREEK CAPITAL LETTER ETA WITH PSILI  
1F29 GREEK CAPITAL LETTER ETA WITH DASIA

1F2A GREEK CAPITAL LETTER ETA WITH PSILI AND VARIA  
1F2B GREEK CAPITAL LETTER ETA WITH DASIA AND VARIA  
1F2C GREEK CAPITAL LETTER ETA WITH PSILI AND OXIA  
1F2D GREEK CAPITAL LETTER ETA WITH DASIA AND OXIA  
1F2E GREEK CAPITAL LETTER ETA WITH PSILI AND PERISPOMENI  
1F2F GREEK CAPITAL LETTER ETA WITH DASIA AND PERISPOMENI  
1F30 GREEK SMALL LETTER IOTA WITH PSILI  
1F31 GREEK SMALL LETTER IOTA WITH DASIA  
1F32 GREEK SMALL LETTER IOTA WITH PSILI AND VARIA  
1F33 GREEK SMALL LETTER IOTA WITH DASIA AND VARIA  
1F34 GREEK SMALL LETTER IOTA WITH PSILI AND OXIA  
1F35 GREEK SMALL LETTER IOTA WITH DASIA AND OXIA  
1F36 GREEK SMALL LETTER IOTA WITH PSILI AND PERISPOMENI  
1F37 GREEK SMALL LETTER IOTA WITH DASIA AND PERISPOMENI  
1F38 GREEK CAPITAL LETTER IOTA WITH PSILI  
1F39 GREEK CAPITAL LETTER IOTA WITH DASIA  
1F3A GREEK CAPITAL LETTER IOTA WITH PSILI AND VARIA  
1F3B GREEK CAPITAL LETTER IOTA WITH DASIA AND VARIA  
1F3C GREEK CAPITAL LETTER IOTA WITH PSILI AND OXIA  
1F3D GREEK CAPITAL LETTER IOTA WITH DASIA AND OXIA  
1F3E GREEK CAPITAL LETTER IOTA WITH PSILI AND PERISPOMENI  
1F3F GREEK CAPITAL LETTER IOTA WITH DASIA AND PERISPOMENI  
1F40 GREEK SMALL LETTER OMICRON WITH PSILI  
1F41 GREEK SMALL LETTER OMICRON WITH DASIA  
1F42 GREEK SMALL LETTER OMICRON WITH PSILI AND VARIA  
1F43 GREEK SMALL LETTER OMICRON WITH DASIA AND VARIA  
1F44 GREEK SMALL LETTER OMICRON WITH PSILI AND OXIA  
1F45 GREEK SMALL LETTER OMICRON WITH DASIA AND OXIA  
1F48 GREEK CAPITAL LETTER OMICRON WITH PSILI  
1F49 GREEK CAPITAL LETTER OMICRON WITH DASIA  
1F4A GREEK CAPITAL LETTER OMICRON WITH PSILI AND VARIA  
1F4B GREEK CAPITAL LETTER OMICRON WITH DASIA AND VARIA  
1F4C GREEK CAPITAL LETTER OMICRON WITH PSILI AND OXIA  
1F4D GREEK CAPITAL LETTER OMICRON WITH DASIA AND OXIA  
1F50 GREEK SMALL LETTER UPSILON WITH PSILI  
1F51 GREEK SMALL LETTER UPSILON WITH DASIA  
1F52 GREEK SMALL LETTER UPSILON WITH PSILI AND VARIA  
1F53 GREEK SMALL LETTER UPSILON WITH DASIA AND VARIA  
1F54 GREEK SMALL LETTER UPSILON WITH PSILI AND OXIA  
1F55 GREEK SMALL LETTER UPSILON WITH DASIA AND OXIA  
1F56 GREEK SMALL LETTER UPSILON WITH PSILI AND PERISPOMENI  
1F57 GREEK SMALL LETTER UPSILON WITH DASIA AND PERISPOMENI  
1F59 GREEK CAPITAL LETTER UPSILON WITH DASIA  
1F5B GREEK CAPITAL LETTER UPSILON WITH DASIA AND VARIA  
1F5D GREEK CAPITAL LETTER UPSILON WITH DASIA AND OXIA  
1F5F GREEK CAPITAL LETTER UPSILON WITH DASIA AND PERISPOMENI  
1F60 GREEK SMALL LETTER OMEGA WITH PSILI  
1F61 GREEK SMALL LETTER OMEGA WITH DASIA  
1F62 GREEK SMALL LETTER OMEGA WITH PSILI AND VARIA  
1F63 GREEK SMALL LETTER OMEGA WITH DASIA AND VARIA  
1F64 GREEK SMALL LETTER OMEGA WITH PSILI AND OXIA  
1F65 GREEK SMALL LETTER OMEGA WITH DASIA AND OXIA  
1F66 GREEK SMALL LETTER OMEGA WITH PSILI AND PERISPOMENI  
1F67 GREEK SMALL LETTER OMEGA WITH DASIA AND PERISPOMENI  
1F68 GREEK CAPITAL LETTER OMEGA WITH PSILI  
1F69 GREEK CAPITAL LETTER OMEGA WITH DASIA  
1F6A GREEK CAPITAL LETTER OMEGA WITH PSILI AND VARIA  
1F6B GREEK CAPITAL LETTER OMEGA WITH DASIA AND VARIA  
1F6C GREEK CAPITAL LETTER OMEGA WITH PSILI AND OXIA  
1F6D GREEK CAPITAL LETTER OMEGA WITH DASIA AND OXIA  
1F6E GREEK CAPITAL LETTER OMEGA WITH PSILI AND PERISPOMENI

1F6F GREEK CAPITAL LETTER OMEGA WITH DASIA AND PERISPOMENI  
1F70 GREEK SMALL LETTER ALPHA WITH VARIA  
1F71 GREEK SMALL LETTER ALPHA WITH OXIA  
1F72 GREEK SMALL LETTER EPSILON WITH VARIA  
1F73 GREEK SMALL LETTER EPSILON WITH OXIA  
1F74 GREEK SMALL LETTER ETA WITH VARIA  
1F75 GREEK SMALL LETTER ETA WITH OXIA  
1F76 GREEK SMALL LETTER IOTA WITH VARIA  
1F77 GREEK SMALL LETTER IOTA WITH OXIA  
1F78 GREEK SMALL LETTER OMICRON WITH VARIA  
1F79 GREEK SMALL LETTER OMICRON WITH OXIA  
1F7A GREEK SMALL LETTER UPSILON WITH VARIA  
1F7B GREEK SMALL LETTER UPSILON WITH OXIA  
1F7C GREEK SMALL LETTER OMEGA WITH VARIA  
1F7D GREEK SMALL LETTER OMEGA WITH OXIA  
1F80 GREEK SMALL LETTER ALPHA WITH PSILI AND YPOGEGRAMMENI  
1F81 GREEK SMALL LETTER ALPHA WITH DASIA AND YPOGEGRAMMENI  
1F82 GREEK SMALL LETTER ALPHA WITH PSILI AND VARIA AND YPOGEGRAMMENI  
1F83 GREEK SMALL LETTER ALPHA WITH DASIA AND VARIA AND YPOGEGRAMMENI  
1F84 GREEK SMALL LETTER ALPHA WITH PSILI AND OXIA AND YPOGEGRAMMENI  
1F85 GREEK SMALL LETTER ALPHA WITH DASIA AND OXIA AND YPOGEGRAMMENI  
1F86 GREEK SMALL LETTER ALPHA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI  
1F87 GREEK SMALL LETTER ALPHA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI  
1F88 GREEK CAPITAL LETTER ALPHA WITH PSILI AND PROSGEGRAMMENI  
1F89 GREEK CAPITAL LETTER ALPHA WITH DASIA AND PROSGEGRAMMENI  
1F8A GREEK CAPITAL LETTER ALPHA WITH PSILI AND VARIA AND PROSGEGRAMMENI  
1F8B GREEK CAPITAL LETTER ALPHA WITH DASIA AND VARIA AND PROSGEGRAMMENI  
1F8C GREEK CAPITAL LETTER ALPHA WITH PSILI AND OXIA AND PROSGEGRAMMENI  
1F8D GREEK CAPITAL LETTER ALPHA WITH DASIA AND OXIA AND PROSGEGRAMMENI  
1F8E GREEK CAPITAL LETTER ALPHA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI  
1F8F GREEK CAPITAL LETTER ALPHA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI  
1F90 GREEK SMALL LETTER ETA WITH PSILI AND YPOGEGRAMMENI  
1F91 GREEK SMALL LETTER ETA WITH DASIA AND YPOGEGRAMMENI  
1F92 GREEK SMALL LETTER ETA WITH PSILI AND VARIA AND YPOGEGRAMMENI  
1F93 GREEK SMALL LETTER ETA WITH DASIA AND VARIA AND YPOGEGRAMMENI  
1F94 GREEK SMALL LETTER ETA WITH PSILI AND OXIA AND YPOGEGRAMMENI  
1F95 GREEK SMALL LETTER ETA WITH DASIA AND OXIA AND YPOGEGRAMMENI  
1F96 GREEK SMALL LETTER ETA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI  
1F97 GREEK SMALL LETTER ETA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI  
1F98 GREEK CAPITAL LETTER ETA WITH PSILI AND PROSGEGRAMMENI  
1F99 GREEK CAPITAL LETTER ETA WITH DASIA AND PROSGEGRAMMENI  
1F9A GREEK CAPITAL LETTER ETA WITH PSILI AND VARIA AND PROSGEGRAMMENI  
1F9B GREEK CAPITAL LETTER ETA WITH DASIA AND VARIA AND PROSGEGRAMMENI  
1F9C GREEK CAPITAL LETTER ETA WITH PSILI AND OXIA AND PROSGEGRAMMENI  
1F9D GREEK CAPITAL LETTER ETA WITH DASIA AND OXIA AND PROSGEGRAMMENI  
1F9E GREEK CAPITAL LETTER ETA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI  
1F9F GREEK CAPITAL LETTER ETA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI  
1FA0 GREEK SMALL LETTER OMEGA WITH PSILI AND YPOGEGRAMMENI  
1FA1 GREEK SMALL LETTER OMEGA WITH DASIA AND YPOGEGRAMMENI  
1FA2 GREEK SMALL LETTER OMEGA WITH PSILI AND VARIA AND YPOGEGRAMMENI  
1FA3 GREEK SMALL LETTER OMEGA WITH DASIA AND VARIA AND YPOGEGRAMMENI  
1FA4 GREEK SMALL LETTER OMEGA WITH PSILI AND OXIA AND YPOGEGRAMMENI  
1FA5 GREEK SMALL LETTER OMEGA WITH DASIA AND OXIA AND YPOGEGRAMMENI  
1FA6 GREEK SMALL LETTER OMEGA WITH PSILI AND PERISPOMENI AND YPOGEGRAMMENI  
1FA7 GREEK SMALL LETTER OMEGA WITH DASIA AND PERISPOMENI AND YPOGEGRAMMENI  
1FA8 GREEK CAPITAL LETTER OMEGA WITH PSILI AND PROSGEGRAMMENI  
1FA9 GREEK CAPITAL LETTER OMEGA WITH DASIA AND PROSGEGRAMMENI  
1FAA GREEK CAPITAL LETTER OMEGA WITH PSILI AND VARIA AND PROSGEGRAMMENI  
1FAB GREEK CAPITAL LETTER OMEGA WITH DASIA AND VARIA AND PROSGEGRAMMENI  
1FAC GREEK CAPITAL LETTER OMEGA WITH PSILI AND OXIA AND PROSGEGRAMMENI  
1FAD GREEK CAPITAL LETTER OMEGA WITH DASIA AND OXIA AND PROSGEGRAMMENI

1FAE GREEK CAPITAL LETTER OMEGA WITH PSILI AND PERISPOMENI AND PROSGEGRAMMENI  
1FAF GREEK CAPITAL LETTER OMEGA WITH DASIA AND PERISPOMENI AND PROSGEGRAMMENI  
1FB0 GREEK SMALL LETTER ALPHA WITH VRACHY  
1FB1 GREEK SMALL LETTER ALPHA WITH MACRON  
1FB2 GREEK SMALL LETTER ALPHA WITH VARIA AND YPOGEGRAMMENI  
1FB3 GREEK SMALL LETTER ALPHA WITH YPOGEGRAMMENI  
1FB4 GREEK SMALL LETTER ALPHA WITH OXIA AND YPOGEGRAMMENI  
1FB6 GREEK SMALL LETTER ALPHA WITH PERISPOMENI  
1FB7 GREEK SMALL LETTER ALPHA WITH PERISPOMENI AND YPOGEGRAMMENI  
1FB8 GREEK CAPITAL LETTER ALPHA WITH VRACHY  
1FB9 GREEK CAPITAL LETTER ALPHA WITH MACRON  
1FBA GREEK CAPITAL LETTER ALPHA WITH VARIA  
1FBB GREEK CAPITAL LETTER ALPHA WITH OXIA  
1FBC GREEK CAPITAL LETTER ALPHA WITH PROSGEGRAMMENI  
1FBD GREEK KORONIS  
1FBE GREEK PROSGEGRAMMENI  
1FBF GREEK PSILI  
1FC0 GREEK PERISPOMENI  
1FC1 GREEK DIALYTIKA AND PERISPOMENI  
1FC2 GREEK SMALL LETTER ETA WITH VARIA AND YPOGEGRAMMENI  
1FC3 GREEK SMALL LETTER ETA WITH YPOGEGRAMMENI  
1FC4 GREEK SMALL LETTER ETA WITH OXIA AND YPOGEGRAMMENI  
1FC6 GREEK SMALL LETTER ETA WITH PERISPOMENI  
1FC7 GREEK SMALL LETTER ETA WITH PERISPOMENI AND YPOGEGRAMMENI  
1FC8 GREEK CAPITAL LETTER EPSILON WITH VARIA  
1FC9 GREEK CAPITAL LETTER EPSILON WITH OXIA  
1FCA GREEK CAPITAL LETTER ETA WITH VARIA  
1FCB GREEK CAPITAL LETTER ETA WITH OXIA  
1FCC GREEK CAPITAL LETTER ETA WITH PROSGEGRAMMENI  
1FCD GREEK PSILI AND VARIA  
1FCE GREEK PSILI AND OXIA  
1FCF GREEK PSILI AND PERISPOMENI  
1FD0 GREEK SMALL LETTER IOTA WITH VRACHY  
1FD1 GREEK SMALL LETTER IOTA WITH MACRON  
1FD2 GREEK SMALL LETTER IOTA WITH DIALYTIKA AND VARIA  
1FD3 GREEK SMALL LETTER IOTA WITH DIALYTIKA AND OXIA  
1FD6 GREEK SMALL LETTER IOTA WITH PERISPOMENI  
1FD7 GREEK SMALL LETTER IOTA WITH DIALYTIKA AND PERISPOMENI  
1FD8 GREEK CAPITAL LETTER IOTA WITH VRACHY  
1FD9 GREEK CAPITAL LETTER IOTA WITH MACRON  
1FDA GREEK CAPITAL LETTER IOTA WITH VARIA  
1FDB GREEK CAPITAL LETTER IOTA WITH OXIA  
1FDD GREEK DASIA AND VARIA  
1FDE GREEK DASIA AND OXIA  
1FDF GREEK DASIA AND PERISPOMENI  
1FE0 GREEK SMALL LETTER UPSILON WITH VRACHY  
1FE1 GREEK SMALL LETTER UPSILON WITH MACRON  
1FE2 GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND VARIA  
1FE3 GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND OXIA  
1FE4 GREEK SMALL LETTER RHO WITH PSILI  
1FE5 GREEK SMALL LETTER RHO WITH DASIA  
1FE6 GREEK SMALL LETTER UPSILON WITH PERISPOMENI  
1FE7 GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND PERISPOMENI  
1FE8 GREEK CAPITAL LETTER UPSILON WITH VRACHY  
1FE9 GREEK CAPITAL LETTER UPSILON WITH MACRON  
1FEA GREEK CAPITAL LETTER UPSILON WITH VARIA  
1FEB GREEK CAPITAL LETTER UPSILON WITH OXIA  
1FEC GREEK CAPITAL LETTER RHO WITH DASIA  
1FED GREEK DIALYTIKA AND VARIA  
1FEE GREEK DIALYTIKA AND OXIA  
1FEF GREEK VARIA

1FF2 GREEK SMALL LETTER OMEGA WITH VARIA AND YPOGEGRAMMENI  
1FF3 GREEK SMALL LETTER OMEGA WITH YPOGEGRAMMENI  
1FF4 GREEK SMALL LETTER OMEGA WITH OXIA AND YPOGEGRAMMENI  
1FF6 GREEK SMALL LETTER OMEGA WITH PERISPOMENI  
1FF7 GREEK SMALL LETTER OMEGA WITH PERISPOMENI AND YPOGEGRAMMENI  
1FF8 GREEK CAPITAL LETTER OMICRON WITH VARIA  
1FF9 GREEK CAPITAL LETTER OMICRON WITH OXIA  
1FFA GREEK CAPITAL LETTER OMEGA WITH VARIA  
1FFB GREEK CAPITAL LETTER OMEGA WITH OXIA  
1FFC GREEK CAPITAL LETTER OMEGA WITH PROSGEGRAMMENI  
1FFD GREEK OXIA  
1FFE GREEK DASIA  
2000 EN QUAD  
2001 EM QUAD  
2002 EN SPACE  
2003 EM SPACE  
2004 THREE-PER-EM SPACE  
2005 FOUR-PER-EM SPACE  
2006 SIX-PER-EM SPACE  
2007 FIGURE SPACE  
2008 PUNCTUATION SPACE  
2009 THIN SPACE  
200A HAIR SPACE  
200B ZERO WIDTH SPACE  
200C ZERO WIDTH NON-JOINER  
200D ZERO WIDTH JOINER  
200E LEFT-TO-RIGHT MARK  
200F RIGHT-TO-LEFT MARK  
2010 HYPHEN  
2011 NON-BREAKING HYPHEN  
2012 FIGURE DASH  
2013 EN DASH  
2014 EM DASH  
2015 HORIZONTAL BAR  
2016 DOUBLE VERTICAL LINE  
2017 DOUBLE LOW LINE  
2018 LEFT SINGLE QUOTATION MARK  
2019 RIGHT SINGLE QUOTATION MARK  
201A SINGLE LOW-9 QUOTATION MARK  
201B SINGLE HIGH-REVERSED-9 QUOTATION MARK  
201C LEFT DOUBLE QUOTATION MARK  
201D RIGHT DOUBLE QUOTATION MARK  
201E DOUBLE LOW-9 QUOTATION MARK  
201F DOUBLE HIGH-REVERSED-9 QUOTATION MARK  
2020 DAGGER  
2021 DOUBLE DAGGER  
2022 BULLET  
2023 TRIANGULAR BULLET  
2024 ONE DOT LEADER  
2025 TWO DOT LEADER  
2026 HORIZONTAL ELLIPSIS  
2027 HYPHENATION POINT  
2028 LINE SEPARATOR  
2029 PARAGRAPH SEPARATOR  
202A LEFT-TO-RIGHT EMBEDDING  
202B RIGHT-TO-LEFT EMBEDDING  
202C POP DIRECTIONAL FORMATTING  
202D LEFT-TO-RIGHT OVERRIDE  
202E RIGHT-TO-LEFT OVERRIDE  
2030 PER MILLE SIGN  
2031 PER TEN THOUSAND SIGN

2032 PRIME  
2033 DOUBLE PRIME  
2034 TRIPLE PRIME  
2035 REVERSED PRIME  
2036 REVERSED DOUBLE PRIME  
2037 REVERSED TRIPLE PRIME  
2038 CARET  
2039 SINGLE LEFT-POINTING ANGLE QUOTATION MARK  
203A SINGLE RIGHT-POINTING ANGLE QUOTATION MARK  
203B REFERENCE MARK  
203C DOUBLE EXCLAMATION MARK  
203D INTERROBANG  
203E OVERLINE  
203F UNDERTIE (Enotikon)  
2040 CHARACTER TIE  
2041 CARET INSERTION POINT  
2042 ASTERISM  
2043 HYPHEN BULLET  
2044 FRACTION SLASH  
2045 LEFT SQUARE BRACKET WITH QUILL  
2046 RIGHT SQUARE BRACKET WITH QUILL  
206A INHIBIT SYMMETRIC SWAPPING  
206B ACTIVATE SYMMETRIC SWAPPING  
206C INHIBIT ARABIC FORM SHAPING  
206D ACTIVATE ARABIC FORM SHAPING  
206E NATIONAL DIGIT SHAPES  
206F NOMINAL DIGIT SHAPES  
2070 SUPERSCRIPT ZERO  
2074 SUPERSCRIPT FOUR  
2075 SUPERSCRIPT FIVE  
2076 SUPERSCRIPT SIX  
2077 SUPERSCRIPT SEVEN  
2078 SUPERSCRIPT EIGHT  
2079 SUPERSCRIPT NINE  
207A SUPERSCRIPT PLUS SIGN  
207B SUPERSCRIPT MINUS  
207C SUPERSCRIPT EQUALS SIGN  
207D SUPERSCRIPT LEFT PARENTHESIS  
207E SUPERSCRIPT RIGHT PARENTHESIS  
207F SUPERSCRIPT LATIN SMALL LETTER N  
2080 SUBSCRIPT ZERO  
2081 SUBSCRIPT ONE  
2082 SUBSCRIPT TWO  
2083 SUBSCRIPT THREE  
2084 SUBSCRIPT FOUR  
2085 SUBSCRIPT FIVE  
2086 SUBSCRIPT SIX  
2087 SUBSCRIPT SEVEN  
2088 SUBSCRIPT EIGHT  
2089 SUBSCRIPT NINE  
208A SUBSCRIPT PLUS SIGN  
208B SUBSCRIPT MINUS  
208C SUBSCRIPT EQUALS SIGN  
208D SUBSCRIPT LEFT PARENTHESIS  
208E SUBSCRIPT RIGHT PARENTHESIS  
20A0 EURO-CURRENCY SIGN  
20A1 COLON SIGN  
20A2 CRUZEIRO SIGN  
20A3 FRENCH FRANC SIGN  
20A4 LIRA SIGN  
20A5 MILL SIGN

20A6 NAIRA SIGN  
20A7 PESETA SIGN  
20A8 RUPEE SIGN  
20A9 WON SIGN  
20AA NEW SHEQEL SIGN  
20AB DONG SIGN  
20D0 COMBINING LEFT HARPOON ABOVE  
20D1 COMBINING RIGHT HARPOON ABOVE  
20D2 COMBINING LONG VERTICAL LINE OVERLAY  
20D3 COMBINING SHORT VERTICAL LINE OVERLAY  
20D4 COMBINING ANTICLOCKWISE ARROW ABOVE  
20D5 COMBINING CLOCKWISE ARROW ABOVE  
20D6 COMBINING LEFT ARROW ABOVE  
20D7 COMBINING RIGHT ARROW ABOVE  
20D8 COMBINING RING OVERLAY  
20D9 COMBINING CLOCKWISE RING OVERLAY  
20DA COMBINING ANTICLOCKWISE RING OVERLAY  
20DB COMBINING THREE DOTS ABOVE  
20DC COMBINING FOUR DOTS ABOVE  
20DD COMBINING ENCLOSING CIRCLE  
20DE COMBINING ENCLOSING SQUARE  
20DF COMBINING ENCLOSING DIAMOND  
20E0 COMBINING ENCLOSING CIRCLE BACKSLASH  
20E1 COMBINING LEFT RIGHT ARROW ABOVE  
2100 ACCOUNT OF  
2101 ADDRESSED TO THE SUBJECT  
2102 DOUBLE-STRUCK CAPITAL C  
2103 DEGREE CELSIUS  
2104 CENTRE LINE SYMBOL  
2105 CARE OF  
2106 CADA UNA  
2107 EULER CONSTANT  
2108 SCRUPLE  
2109 DEGREE FAHRENHEIT  
210A SCRIPT SMALL G  
210B SCRIPT CAPITAL H  
210C BLACK-LETTER CAPITAL H  
210D DOUBLE-STRUCK CAPITAL H  
210E PLANCK CONSTANT  
210F PLANCK CONSTANT OVER TWO PI  
2110 SCRIPT CAPITAL I  
2111 BLACK-LETTER CAPITAL I  
2112 SCRIPT CAPITAL L  
2113 SCRIPT SMALL L  
2114 L B BAR SYMBOL  
2115 DOUBLE-STRUCK CAPITAL N  
2116 NUMERO SIGN  
2117 SOUND RECORDING COPYRIGHT  
2118 SCRIPT CAPITAL P  
2119 DOUBLE-STRUCK CAPITAL P  
211A DOUBLE-STRUCK CAPITAL Q  
211B SCRIPT CAPITAL R  
211C BLACK-LETTER CAPITAL R  
211D DOUBLE-STRUCK CAPITAL R  
211E PRESCRIPTION TAKE  
211F RESPONSE  
2120 SERVICE MARK  
2121 TELEPHONE SIGN  
2122 TRADE MARK SIGN  
2123 VERSICLE  
2124 DOUBLE-STRUCK CAPITAL Z



2125 OUNCE SIGN  
2126 OHM SIGN  
2127 INVERTED OHM SIGN  
2128 BLACK-LETTER CAPITAL Z  
2129 TURNED GREEK SMALL LETTER IOTA  
212A KELVIN SIGN  
212B ANGSTROM SIGN  
212C SCRIPT CAPITAL B  
212D BLACK-LETTER CAPITAL C  
212E ESTIMATED SYMBOL  
212F SCRIPT SMALL E  
2130 SCRIPT CAPITAL E  
2131 SCRIPT CAPITAL F  
2132 TURNED CAPITAL F  
2133 SCRIPT CAPITAL M  
2134 SCRIPT SMALL O  
2135 ALEF SYMBOL  
2136 BET SYMBOL  
2137 GIMEL SYMBOL  
2138 DALET SYMBOL  
2153 VULGAR FRACTION ONE THIRD  
2154 VULGAR FRACTION TWO THIRDS  
2155 VULGAR FRACTION ONE FIFTH  
2156 VULGAR FRACTION TWO FIFTHS  
2157 VULGAR FRACTION THREE FIFTHS  
2158 VULGAR FRACTION FOUR FIFTHS  
2159 VULGAR FRACTION ONE SIXTH  
215A VULGAR FRACTION FIVE SIXTHS  
215B VULGAR FRACTION ONE EIGHTH  
215C VULGAR FRACTION THREE EIGHTHS  
215D VULGAR FRACTION FIVE EIGHTHS  
215E VULGAR FRACTION SEVEN EIGHTHS  
215F FRACTION NUMERATOR ONE  
2160 ROMAN NUMERAL ONE  
2161 ROMAN NUMERAL TWO  
2162 ROMAN NUMERAL THREE  
2163 ROMAN NUMERAL FOUR  
2164 ROMAN NUMERAL FIVE  
2165 ROMAN NUMERAL SIX  
2166 ROMAN NUMERAL SEVEN  
2167 ROMAN NUMERAL EIGHT  
2168 ROMAN NUMERAL NINE  
2169 ROMAN NUMERAL TEN  
216A ROMAN NUMERAL ELEVEN  
216B ROMAN NUMERAL TWELVE  
216C ROMAN NUMERAL FIFTY  
216D ROMAN NUMERAL ONE HUNDRED  
216E ROMAN NUMERAL FIVE HUNDRED  
216F ROMAN NUMERAL ONE THOUSAND  
2170 SMALL ROMAN NUMERAL ONE  
2171 SMALL ROMAN NUMERAL TWO  
2172 SMALL ROMAN NUMERAL THREE  
2173 SMALL ROMAN NUMERAL FOUR  
2174 SMALL ROMAN NUMERAL FIVE  
2175 SMALL ROMAN NUMERAL SIX  
2176 SMALL ROMAN NUMERAL SEVEN  
2177 SMALL ROMAN NUMERAL EIGHT  
2178 SMALL ROMAN NUMERAL NINE  
2179 SMALL ROMAN NUMERAL TEN  
217A SMALL ROMAN NUMERAL ELEVEN  
217B SMALL ROMAN NUMERAL TWELVE

217C SMALL ROMAN NUMERAL FIFTY  
217D SMALL ROMAN NUMERAL ONE HUNDRED  
217E SMALL ROMAN NUMERAL FIVE HUNDRED  
217F SMALL ROMAN NUMERAL ONE THOUSAND  
2180 ROMAN NUMERAL ONE THOUSAND C D  
2181 ROMAN NUMERAL FIVE THOUSAND  
2182 ROMAN NUMERAL TEN THOUSAND  
2190 LEFTWARDS ARROW  
2191 UPWARDS ARROW  
2192 RIGHTWARDS ARROW  
2193 DOWNWARDS ARROW  
2194 LEFT RIGHT ARROW  
2195 UP DOWN ARROW  
2196 NORTH WEST ARROW  
2197 NORTH EAST ARROW  
2198 SOUTH EAST ARROW  
2199 SOUTH WEST ARROW  
219A LEFTWARDS ARROW WITH STROKE  
219B RIGHTWARDS ARROW WITH STROKE  
219C LEFTWARDS WAVE ARROW  
219D RIGHTWARDS WAVE ARROW  
219E LEFTWARDS TWO HEADED ARROW  
219F UPWARDS TWO HEADED ARROW  
21A0 RIGHTWARDS TWO HEADED ARROW  
21A1 DOWNWARDS TWO HEADED ARROW  
21A2 LEFTWARDS ARROW WITH TAIL  
21A3 RIGHTWARDS ARROW WITH TAIL  
21A4 LEFTWARDS ARROW FROM BAR  
21A5 UPWARDS ARROW FROM BAR  
21A6 RIGHTWARDS ARROW FROM BAR  
21A7 DOWNWARDS ARROW FROM BAR  
21A8 UP DOWN ARROW WITH BASE  
21A9 LEFTWARDS ARROW WITH HOOK  
21AA RIGHTWARDS ARROW WITH HOOK  
21AB LEFTWARDS ARROW WITH LOOP  
21AC RIGHTWARDS ARROW WITH LOOP  
21AD LEFT RIGHT WAVE ARROW  
21AE LEFT RIGHT ARROW WITH STROKE  
21AF DOWNWARDS ZIGZAG ARROW  
21B0 UPWARDS ARROW WITH TIP LEFTWARDS  
21B1 UPWARDS ARROW WITH TIP RIGHTWARDS  
21B2 DOWNWARDS ARROW WITH TIP LEFTWARDS  
21B3 DOWNWARDS ARROW WITH TIP RIGHTWARDS  
21B4 RIGHTWARDS ARROW WITH CORNER DOWNWARDS  
21B5 DOWNWARDS ARROW WITH CORNER LEFTWARDS  
21B6 ANTICLOCKWISE TOP SEMICIRCLE ARROW  
21B7 CLOCKWISE TOP SEMICIRCLE ARROW  
21B8 NORTH WEST ARROW TO LONG BAR  
21B9 LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR  
21BA ANTICLOCKWISE OPEN CIRCLE ARROW  
21BB CLOCKWISE OPEN CIRCLE ARROW  
21BC LEFTWARDS HARPOON WITH BARB UPWARDS  
21BD LEFTWARDS HARPOON WITH BARB DOWNWARDS  
21BE UPWARDS HARPOON WITH BARB RIGHTWARDS  
21BF UPWARDS HARPOON WITH BARB LEFTWARDS  
21C0 RIGHTWARDS HARPOON WITH BARB UPWARDS  
21C1 RIGHTWARDS HARPOON WITH BARB DOWNWARDS  
21C2 DOWNWARDS HARPOON WITH BARB RIGHTWARDS  
21C3 DOWNWARDS HARPOON WITH BARB LEFTWARDS  
21C4 RIGHTWARDS ARROW OVER LEFTWARDS ARROW  
21C5 UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW

21C6 LEFTWARDS ARROW OVER RIGHTWARDS ARROW  
21C7 LEFTWARDS PAIRED ARROWS  
21C8 UPWARDS PAIRED ARROWS  
21C9 RIGHTWARDS PAIRED ARROWS  
21CA DOWNWARDS PAIRED ARROWS  
21CB LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON  
21CC RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON  
21CD LEFTWARDS DOUBLE ARROW WITH STROKE  
21CE LEFT RIGHT DOUBLE ARROW WITH STROKE  
21CF RIGHTWARDS DOUBLE ARROW WITH STROKE  
21D0 LEFTWARDS DOUBLE ARROW  
21D1 UPWARDS DOUBLE ARROW  
21D2 RIGHTWARDS DOUBLE ARROW  
21D3 DOWNWARDS DOUBLE ARROW  
21D4 LEFT RIGHT DOUBLE ARROW  
21D5 UP DOWN DOUBLE ARROW  
21D6 NORTH WEST DOUBLE ARROW  
21D7 NORTH EAST DOUBLE ARROW  
21D8 SOUTH EAST DOUBLE ARROW  
21D9 SOUTH WEST DOUBLE ARROW  
21DA LEFTWARDS TRIPLE ARROW  
21DB RIGHTWARDS TRIPLE ARROW  
21DC LEFTWARDS SQUIGGLE ARROW  
21DD RIGHTWARDS SQUIGGLE ARROW  
21DE UPWARDS ARROW WITH DOUBLE STROKE  
21DF DOWNWARDS ARROW WITH DOUBLE STROKE  
21E0 LEFTWARDS DASHED ARROW  
21E1 UPWARDS DASHED ARROW  
21E2 RIGHTWARDS DASHED ARROW  
21E3 DOWNWARDS DASHED ARROW  
21E4 LEFTWARDS ARROW TO BAR  
21E5 RIGHTWARDS ARROW TO BAR  
21E6 LEFTWARDS WHITE ARROW  
21E7 UPWARDS WHITE ARROW  
21E8 RIGHTWARDS WHITE ARROW  
21E9 DOWNWARDS WHITE ARROW  
21EA UPWARDS WHITE ARROW FROM BAR  
2200 FOR ALL  
2201 COMPLEMENT  
2202 PARTIAL DIFFERENTIAL  
2203 THERE EXISTS  
2204 THERE DOES NOT EXIST  
2205 EMPTY SET  
2206 INCREMENT  
2207 NABLA  
2208 ELEMENT OF  
2209 NOT AN ELEMENT OF  
220A SMALL ELEMENT OF  
220B CONTAINS AS MEMBER  
220C DOES NOT CONTAIN AS MEMBER  
220D SMALL CONTAINS AS MEMBER  
220E END OF PROOF  
220F N-ARY PRODUCT  
2210 N-ARY COPRODUCT  
2211 N-ARY SUMMATION  
2212 MINUS SIGN  
2213 MINUS-OR-PLUS SIGN  
2214 DOT PLUS  
2215 DIVISION SLASH  
2216 SET MINUS  
2217 ASTERISK OPERATOR

2218 RING OPERATOR  
2219 BULLET OPERATOR  
221A SQUARE ROOT  
221B CUBE ROOT  
221C FOURTH ROOT  
221D PROPORTIONAL TO  
221E INFINITY  
221F RIGHT ANGLE  
2220 ANGLE  
2221 MEASURED ANGLE  
2222 SPHERICAL ANGLE  
2223 DIVIDES  
2224 DOES NOT DIVIDE  
2225 PARALLEL TO  
2226 NOT PARALLEL TO  
2227 LOGICAL AND  
2228 LOGICAL OR  
2229 INTERSECTION  
222A UNION  
222B INTEGRAL  
222C DOUBLE INTEGRAL  
222D TRIPLE INTEGRAL  
222E CONTOUR INTEGRAL  
222F SURFACE INTEGRAL  
2230 VOLUME INTEGRAL  
2231 CLOCKWISE INTEGRAL  
2232 CLOCKWISE CONTOUR INTEGRAL  
2233 ANTICLOCKWISE CONTOUR INTEGRAL  
2234 THEREFORE  
2235 BECAUSE  
2236 RATIO  
2237 PROPORTION  
2238 DOT MINUS  
2239 EXCESS  
223A GEOMETRIC PROPORTION  
223B HOMOTHETIC  
223C TILDE OPERATOR  
223D REVERSED TILDE  
223E INVERTED LAZY S  
223F SINE WAVE  
2240 WREATH PRODUCT  
2241 NOT TILDE  
2242 MINUS TILDE  
2243 ASYMPTOTICALLY EQUAL TO  
2244 NOT ASYMPTOTICALLY EQUAL TO  
2245 APPROXIMATELY EQUAL TO  
2246 APPROXIMATELY BUT NOT ACTUALLY EQUAL TO  
2247 NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO  
2248 ALMOST EQUAL TO  
2249 NOT ALMOST EQUAL TO  
224A ALMOST EQUAL OR EQUAL TO  
224B TRIPLE TILDE  
224C ALL EQUAL TO  
224D EQUIVALENT TO  
224E GEOMETRICALLY EQUIVALENT TO  
224F DIFFERENCE BETWEEN  
2250 APPROACHES THE LIMIT  
2251 GEOMETRICALLY EQUAL TO  
2252 APPROXIMATELY EQUAL TO OR THE IMAGE OF  
2253 IMAGE OF OR APPROXIMATELY EQUAL TO  
2254 COLON EQUALS

2255 EQUALS COLON  
2256 RING IN EQUAL TO  
2257 RING EQUAL TO  
2258 CORRESPONDS TO  
2259 ESTIMATES  
225A EQUIANGULAR TO  
225B STAR EQUALS  
225C DELTA EQUAL TO  
225D EQUAL TO BY DEFINITION  
225E MEASURED BY  
225F QUESTIONED EQUAL TO  
2260 NOT EQUAL TO  
2261 IDENTICAL TO  
2262 NOT IDENTICAL TO  
2263 STRICTLY EQUIVALENT TO  
2264 LESS-THAN OR EQUAL TO  
2265 GREATER-THAN OR EQUAL TO  
2266 LESS-THAN OVER EQUAL TO  
2267 GREATER-THAN OVER EQUAL TO  
2268 LESS-THAN BUT NOT EQUAL TO  
2269 GREATER-THAN BUT NOT EQUAL TO  
226A MUCH LESS-THAN  
226B MUCH GREATER-THAN  
226C BETWEEN  
226D NOT EQUIVALENT TO  
226E NOT LESS-THAN  
226F NOT GREATER-THAN  
2270 NEITHER LESS-THAN NOR EQUAL TO  
2271 NEITHER GREATER-THAN NOR EQUAL TO  
2272 LESS-THAN OR EQUIVALENT TO  
2273 GREATER-THAN OR EQUIVALENT TO  
2274 NEITHER LESS-THAN NOR EQUIVALENT TO  
2275 NEITHER GREATER-THAN NOR EQUIVALENT TO  
2276 LESS-THAN OR GREATER-THAN  
2277 GREATER-THAN OR LESS-THAN  
2278 NEITHER LESS-THAN NOR GREATER-THAN  
2279 NEITHER GREATER-THAN NOR LESS-THAN  
227A PRECEDES  
227B SUCCEEDS  
227C PRECEDES OR EQUAL TO  
227D SUCCEEDS OR EQUAL TO  
227E PRECEDES OR EQUIVALENT TO  
227F SUCCEEDS OR EQUIVALENT TO  
2280 DOES NOT PRECEDE  
2281 DOES NOT SUCCEED  
2282 SUBSET OF  
2283 SUPERSET OF  
2284 NOT A SUBSET OF  
2285 NOT A SUPERSET OF  
2286 SUBSET OF OR EQUAL TO  
2287 SUPERSET OF OR EQUAL TO  
2288 NEITHER A SUBSET OF NOR EQUAL TO  
2289 NEITHER A SUPERSET OF NOR EQUAL TO  
228A SUBSET OF WITH NOT EQUAL TO  
228B SUPERSET OF WITH NOT EQUAL TO  
228C MULTISSET  
228D MULTISSET MULTIPLICATION  
228E MULTISSET UNION  
228F SQUARE IMAGE OF  
2290 SQUARE ORIGINAL OF  
2291 SQUARE IMAGE OF OR EQUAL TO

2292 SQUARE ORIGINAL OF OR EQUAL TO  
2293 SQUARE CAP  
2294 SQUARE CUP  
2295 CIRCLED PLUS  
2296 CIRCLED MINUS  
2297 CIRCLED TIMES  
2298 CIRCLED DIVISION SLASH  
2299 CIRCLED DOT OPERATOR  
229A CIRCLED RING OPERATOR  
229B CIRCLED ASTERISK OPERATOR  
229C CIRCLED EQUALS  
229D CIRCLED DASH  
229E SQUARED PLUS  
229F SQUARED MINUS  
22A0 SQUARED TIMES  
22A1 SQUARED DOT OPERATOR  
22A2 RIGHT TACK  
22A3 LEFT TACK  
22A4 DOWN TACK  
22A5 UP TACK  
22A6 ASSERTION  
22A7 MODELS  
22A8 TRUE  
22A9 FORCES  
22AA TRIPLE VERTICAL BAR RIGHT TURNSTILE  
22AB DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE  
22AC DOES NOT PROVE  
22AD NOT TRUE  
22AE DOES NOT FORCE  
22AF NEGATED DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE  
22B0 PRECEDES UNDER RELATION  
22B1 SUCCEEDS UNDER RELATION  
22B2 NORMAL SUBGROUP OF  
22B3 CONTAINS AS NORMAL SUBGROUP  
22B4 NORMAL SUBGROUP OF OR EQUAL TO  
22B5 CONTAINS AS NORMAL SUBGROUP OR EQUAL TO  
22B6 ORIGINAL OF  
22B7 IMAGE OF  
22B8 MULTIMAP  
22B9 HERMITIAN CONJUGATE MATRIX  
22BA INTERCALATE  
22BB XOR  
22BC NAND  
22BD NOR  
22BE RIGHT ANGLE WITH ARC  
22BF RIGHT TRIANGLE  
22C0 N-ARY LOGICAL AND  
22C1 N-ARY LOGICAL OR  
22C2 N-ARY INTERSECTION  
22C3 N-ARY UNION  
22C4 DIAMOND OPERATOR  
22C5 DOT OPERATOR  
22C6 STAR OPERATOR  
22C7 DIVISION TIMES  
22C8 BOWTIE  
22C9 LEFT NORMAL FACTOR SEMIDIRECT PRODUCT  
22CA RIGHT NORMAL FACTOR SEMIDIRECT PRODUCT  
22CB LEFT SEMIDIRECT PRODUCT  
22CC RIGHT SEMIDIRECT PRODUCT  
22CD REVERSED TILDE EQUALS  
22CE CURLY LOGICAL OR

22CF CURLY LOGICAL AND  
22D0 DOUBLE SUBSET  
22D1 DOUBLE SUPERSET  
22D2 DOUBLE INTERSECTION  
22D3 DOUBLE UNION  
22D4 PITCHFORK  
22D5 EQUAL AND PARALLEL TO  
22D6 LESS-THAN WITH DOT  
22D7 GREATER-THAN WITH DOT  
22D8 VERY MUCH LESS-THAN  
22D9 VERY MUCH GREATER-THAN  
22DA LESS-THAN EQUAL TO OR GREATER-THAN  
22DB GREATER-THAN EQUAL TO OR LESS-THAN  
22DC EQUAL TO OR LESS-THAN  
22DD EQUAL TO OR GREATER-THAN  
22DE EQUAL TO OR PRECEDES  
22DF EQUAL TO OR SUCCEEDS  
22E0 DOES NOT PRECEDE OR EQUAL  
22E1 DOES NOT SUCCEED OR EQUAL  
22E2 NOT SQUARE IMAGE OF OR EQUAL TO  
22E3 NOT SQUARE ORIGINAL OF OR EQUAL TO  
22E4 SQUARE IMAGE OF OR NOT EQUAL TO  
22E5 SQUARE ORIGINAL OF OR NOT EQUAL TO  
22E6 LESS-THAN BUT NOT EQUIVALENT TO  
22E7 GREATER-THAN BUT NOT EQUIVALENT TO  
22E8 PRECEDES BUT NOT EQUIVALENT TO  
22E9 SUCCEEDS BUT NOT EQUIVALENT TO  
22EA NOT NORMAL SUBGROUP OF  
22EB DOES NOT CONTAIN AS NORMAL SUBGROUP  
22EC NOT NORMAL SUBGROUP OF OR EQUAL TO  
22ED DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL  
22EE VERTICAL ELLIPSIS  
22EF MIDLINE HORIZONTAL ELLIPSIS  
22F0 UP RIGHT DIAGONAL ELLIPSIS  
22F1 DOWN RIGHT DIAGONAL ELLIPSIS  
2300 DIAMETER SIGN  
2302 HOUSE  
2303 UP ARROWHEAD  
2304 DOWN ARROWHEAD  
2305 PROJECTIVE  
2306 PERSPECTIVE  
2307 WAVY LINE  
2308 LEFT CEILING  
2309 RIGHT CEILING  
230A LEFT FLOOR  
230B RIGHT FLOOR  
230C BOTTOM RIGHT CROP  
230D BOTTOM LEFT CROP  
230E TOP RIGHT CROP  
230F TOP LEFT CROP  
2310 REVERSED NOT SIGN  
2311 SQUARE LOZENGE  
2312 ARC  
2313 SEGMENT  
2314 SECTOR  
2315 TELEPHONE RECORDER  
2316 POSITION INDICATOR  
2317 VIEWDATA SQUARE  
2318 PLACE OF INTEREST SIGN  
2319 TURNED NOT SIGN  
231A WATCH

231B HOURGLASS  
231C TOP LEFT CORNER  
231D TOP RIGHT CORNER  
231E BOTTOM LEFT CORNER  
231F BOTTOM RIGHT CORNER  
2320 TOP HALF INTEGRAL  
2321 BOTTOM HALF INTEGRAL  
2322 FROWN  
2323 SMILE  
2324 UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS  
2325 OPTION KEY  
2326 ERASE TO THE RIGHT  
2327 X IN A RECTANGLE BOX  
2328 KEYBOARD  
2329 LEFT-POINTING ANGLE BRACKET  
232A RIGHT-POINTING ANGLE BRACKET  
232B ERASE TO THE LEFT  
232C BENZENE RING  
232D CYLINDRICITY  
232E ALL AROUND-PROFILE  
232F SYMMETRY  
2330 TOTAL RUNOUT  
2331 DIMENSION ORIGIN  
2332 CONICAL TAPER  
2333 SLOPE  
2334 COUNTERBORE  
2335 COUNTERSINK  
2336 APL FUNCTIONAL SYMBOL I-BEAM  
2337 APL FUNCTIONAL SYMBOL SQUISH QUAD  
2338 APL FUNCTIONAL SYMBOL QUAD EQUAL  
2339 APL FUNCTIONAL SYMBOL QUAD DIVIDE  
233A APL FUNCTIONAL SYMBOL QUAD DIAMOND  
233B APL FUNCTIONAL SYMBOL QUAD JOT  
233C APL FUNCTIONAL SYMBOL QUAD CIRCLE  
233D APL FUNCTIONAL SYMBOL CIRCLE STILE  
233E APL FUNCTIONAL SYMBOL CIRCLE JOT  
233F APL FUNCTIONAL SYMBOL SLASH BAR  
2340 APL FUNCTIONAL SYMBOL BACKSLASH BAR  
2341 APL FUNCTIONAL SYMBOL QUAD SLASH  
2342 APL FUNCTIONAL SYMBOL QUAD BACKSLASH  
2343 APL FUNCTIONAL SYMBOL QUAD LESS-THAN  
2344 APL FUNCTIONAL SYMBOL QUAD GREATER-THAN  
2345 APL FUNCTIONAL SYMBOL LEFTWARDS VANE  
2346 APL FUNCTIONAL SYMBOL RIGHTWARDS VANE  
2347 APL FUNCTIONAL SYMBOL QUAD LEFTWARDS ARROW  
2348 APL FUNCTIONAL SYMBOL QUAD RIGHTWARDS ARROW  
2349 APL FUNCTIONAL SYMBOL CIRCLE BACKSLASH  
234A APL FUNCTIONAL SYMBOL DOWN TACK UNDERBAR  
234B APL FUNCTIONAL SYMBOL DELTA STILE  
234C APL FUNCTIONAL SYMBOL QUAD DOWN CARET  
234D APL FUNCTIONAL SYMBOL QUAD DELTA  
234E APL FUNCTIONAL SYMBOL DOWN TACK JOT  
234F APL FUNCTIONAL SYMBOL UPWARDS VANE  
2350 APL FUNCTIONAL SYMBOL QUAD UPWARDS ARROW  
2351 APL FUNCTIONAL SYMBOL UP TACK OVERBAR  
2352 APL FUNCTIONAL SYMBOL DEL STILE  
2353 APL FUNCTIONAL SYMBOL QUAD UP CARET  
2354 APL FUNCTIONAL SYMBOL QUAD DEL  
2355 APL FUNCTIONAL SYMBOL UP TACK JOT  
2356 APL FUNCTIONAL SYMBOL DOWNWARDS VANE  
2357 APL FUNCTIONAL SYMBOL QUAD DOWNWARDS ARROW



2358 APL FUNCTIONAL SYMBOL QUOTE UNDERBAR  
2359 APL FUNCTIONAL SYMBOL DELTA UNDERBAR  
235A APL FUNCTIONAL SYMBOL DIAMOND UNDERBAR  
235B APL FUNCTIONAL SYMBOL JOT UNDERBAR  
235C APL FUNCTIONAL SYMBOL CIRCLE UNDERBAR  
235D APL FUNCTIONAL SYMBOL UP SHOE JOT  
235E APL FUNCTIONAL SYMBOL QUOTE QUAD  
235F APL FUNCTIONAL SYMBOL CIRCLE STAR  
2360 APL FUNCTIONAL SYMBOL QUAD COLON  
2361 APL FUNCTIONAL SYMBOL UP TACK DIAERESIS  
2362 APL FUNCTIONAL SYMBOL DEL DIAERESIS  
2363 APL FUNCTIONAL SYMBOL STAR DIAERESIS  
2364 APL FUNCTIONAL SYMBOL JOT DIAERESIS  
2365 APL FUNCTIONAL SYMBOL CIRCLE DIAERESIS  
2366 APL FUNCTIONAL SYMBOL DOWN SHOE STILE  
2367 APL FUNCTIONAL SYMBOL LEFT SHOE STILE  
2368 APL FUNCTIONAL SYMBOL TILDE DIAERESIS  
2369 APL FUNCTIONAL SYMBOL GREATER-THAN DIAERESIS  
236A APL FUNCTIONAL SYMBOL COMMA BAR  
236B APL FUNCTIONAL SYMBOL DEL TILDE  
236C APL FUNCTIONAL SYMBOL ZILDE  
236D APL FUNCTIONAL SYMBOL STILE TILDE  
236E APL FUNCTIONAL SYMBOL SEMICOLON UNDERBAR  
236F APL FUNCTIONAL SYMBOL QUAD NOT EQUAL  
2370 APL FUNCTIONAL SYMBOL QUAD QUESTION  
2371 APL FUNCTIONAL SYMBOL DOWN CARET TILDE  
2372 APL FUNCTIONAL SYMBOL UP CARET TILDE  
2373 APL FUNCTIONAL SYMBOL IOTA  
2374 APL FUNCTIONAL SYMBOL RHO  
2375 APL FUNCTIONAL SYMBOL OMEGA  
2376 APL FUNCTIONAL SYMBOL ALPHA UNDERBAR  
2377 APL FUNCTIONAL SYMBOL EPSILON UNDERBAR  
2378 APL FUNCTIONAL SYMBOL IOTA UNDERBAR  
2379 APL FUNCTIONAL SYMBOL OMEGA UNDERBAR  
237A APL FUNCTIONAL SYMBOL ALPHA  
2400 SYMBOL FOR NULL  
2401 SYMBOL FOR START OF HEADING  
2402 SYMBOL FOR START OF TEXT  
2403 SYMBOL FOR END OF TEXT  
2404 SYMBOL FOR END OF TRANSMISSION  
2405 SYMBOL FOR ENQUIRY  
2406 SYMBOL FOR ACKNOWLEDGE  
2407 SYMBOL FOR BELL  
2408 SYMBOL FOR BACKSPACE  
2409 SYMBOL FOR HORIZONTAL TABULATION  
240A SYMBOL FOR LINE FEED  
240B SYMBOL FOR VERTICAL TABULATION  
240C SYMBOL FOR FORM FEED  
240D SYMBOL FOR CARRIAGE RETURN  
240E SYMBOL FOR SHIFT OUT  
240F SYMBOL FOR SHIFT IN  
2410 SYMBOL FOR DATA LINK ESCAPE  
2411 SYMBOL FOR DEVICE CONTROL ONE  
2412 SYMBOL FOR DEVICE CONTROL TWO  
2413 SYMBOL FOR DEVICE CONTROL THREE  
2414 SYMBOL FOR DEVICE CONTROL FOUR  
2415 SYMBOL FOR NEGATIVE ACKNOWLEDGE  
2416 SYMBOL FOR SYNCHRONOUS IDLE  
2417 SYMBOL FOR END OF TRANSMISSION BLOCK  
2418 SYMBOL FOR CANCEL  
2419 SYMBOL FOR END OF MEDIUM

241A SYMBOL FOR SUBSTITUTE  
241B SYMBOL FOR ESCAPE  
241C SYMBOL FOR FILE SEPARATOR  
241D SYMBOL FOR GROUP SEPARATOR  
241E SYMBOL FOR RECORD SEPARATOR  
241F SYMBOL FOR UNIT SEPARATOR  
2420 SYMBOL FOR SPACE  
2421 SYMBOL FOR DELETE  
2422 BLANK SYMBOL  
2423 OPEN BOX  
2424 SYMBOL FOR NEWLINE  
2440 OCR HOOK  
2441 OCR CHAIR  
2442 OCR FORK  
2443 OCR INVERTED FORK  
2444 OCR BELT BUCKLE  
2445 OCR BOW TIE  
2446 OCR BRANCH BANK IDENTIFICATION  
2447 OCR AMOUNT OF CHECK  
2448 OCR DASH  
2449 OCR CUSTOMER ACCOUNT NUMBER  
244A OCR DOUBLE BACKSLASH  
2460 CIRCLED DIGIT ONE  
2461 CIRCLED DIGIT TWO  
2462 CIRCLED DIGIT THREE  
2463 CIRCLED DIGIT FOUR  
2464 CIRCLED DIGIT FIVE  
2465 CIRCLED DIGIT SIX  
2466 CIRCLED DIGIT SEVEN  
2467 CIRCLED DIGIT EIGHT  
2468 CIRCLED DIGIT NINE  
2469 CIRCLED NUMBER TEN  
246A CIRCLED NUMBER ELEVEN  
246B CIRCLED NUMBER TWELVE  
246C CIRCLED NUMBER THIRTEEN  
246D CIRCLED NUMBER FOURTEEN  
246E CIRCLED NUMBER FIFTEEN  
246F CIRCLED NUMBER SIXTEEN  
2470 CIRCLED NUMBER SEVENTEEN  
2471 CIRCLED NUMBER EIGHTEEN  
2472 CIRCLED NUMBER NINETEEN  
2473 CIRCLED NUMBER TWENTY  
2474 PARENTHESESIZED DIGIT ONE  
2475 PARENTHESESIZED DIGIT TWO  
2476 PARENTHESESIZED DIGIT THREE  
2477 PARENTHESESIZED DIGIT FOUR  
2478 PARENTHESESIZED DIGIT FIVE  
2479 PARENTHESESIZED DIGIT SIX  
247A PARENTHESESIZED DIGIT SEVEN  
247B PARENTHESESIZED DIGIT EIGHT  
247C PARENTHESESIZED DIGIT NINE  
247D PARENTHESESIZED NUMBER TEN  
247E PARENTHESESIZED NUMBER ELEVEN  
247F PARENTHESESIZED NUMBER TWELVE  
2480 PARENTHESESIZED NUMBER THIRTEEN  
2481 PARENTHESESIZED NUMBER FOURTEEN  
2482 PARENTHESESIZED NUMBER FIFTEEN  
2483 PARENTHESESIZED NUMBER SIXTEEN  
2484 PARENTHESESIZED NUMBER SEVENTEEN  
2485 PARENTHESESIZED NUMBER EIGHTEEN  
2486 PARENTHESESIZED NUMBER NINETEEN

2487 PARENTHESESIZED NUMBER TWENTY  
2488 DIGIT ONE FULL STOP  
2489 DIGIT TWO FULL STOP  
248A DIGIT THREE FULL STOP  
248B DIGIT FOUR FULL STOP  
248C DIGIT FIVE FULL STOP  
248D DIGIT SIX FULL STOP  
248E DIGIT SEVEN FULL STOP  
248F DIGIT EIGHT FULL STOP  
2490 DIGIT NINE FULL STOP  
2491 NUMBER TEN FULL STOP  
2492 NUMBER ELEVEN FULL STOP  
2493 NUMBER TWELVE FULL STOP  
2494 NUMBER THIRTEEN FULL STOP  
2495 NUMBER FOURTEEN FULL STOP  
2496 NUMBER FIFTEEN FULL STOP  
2497 NUMBER SIXTEEN FULL STOP  
2498 NUMBER SEVENTEEN FULL STOP  
2499 NUMBER EIGHTEEN FULL STOP  
249A NUMBER NINETEEN FULL STOP  
249B NUMBER TWENTY FULL STOP  
249C PARENTHESESIZED LATIN SMALL LETTER A  
249D PARENTHESESIZED LATIN SMALL LETTER B  
249E PARENTHESESIZED LATIN SMALL LETTER C  
249F PARENTHESESIZED LATIN SMALL LETTER D  
24A0 PARENTHESESIZED LATIN SMALL LETTER E  
24A1 PARENTHESESIZED LATIN SMALL LETTER F  
24A2 PARENTHESESIZED LATIN SMALL LETTER G  
24A3 PARENTHESESIZED LATIN SMALL LETTER H  
24A4 PARENTHESESIZED LATIN SMALL LETTER I  
24A5 PARENTHESESIZED LATIN SMALL LETTER J  
24A6 PARENTHESESIZED LATIN SMALL LETTER K  
24A7 PARENTHESESIZED LATIN SMALL LETTER L  
24A8 PARENTHESESIZED LATIN SMALL LETTER M  
24A9 PARENTHESESIZED LATIN SMALL LETTER N  
24AA PARENTHESESIZED LATIN SMALL LETTER O  
24AB PARENTHESESIZED LATIN SMALL LETTER P  
24AC PARENTHESESIZED LATIN SMALL LETTER Q  
24AD PARENTHESESIZED LATIN SMALL LETTER R  
24AE PARENTHESESIZED LATIN SMALL LETTER S  
24AF PARENTHESESIZED LATIN SMALL LETTER T  
24B0 PARENTHESESIZED LATIN SMALL LETTER U  
24B1 PARENTHESESIZED LATIN SMALL LETTER V  
24B2 PARENTHESESIZED LATIN SMALL LETTER W  
24B3 PARENTHESESIZED LATIN SMALL LETTER X  
24B4 PARENTHESESIZED LATIN SMALL LETTER Y  
24B5 PARENTHESESIZED LATIN SMALL LETTER Z  
24B6 CIRCLED LATIN CAPITAL LETTER A  
24B7 CIRCLED LATIN CAPITAL LETTER B  
24B8 CIRCLED LATIN CAPITAL LETTER C  
24B9 CIRCLED LATIN CAPITAL LETTER D  
24BA CIRCLED LATIN CAPITAL LETTER E  
24BB CIRCLED LATIN CAPITAL LETTER F  
24BC CIRCLED LATIN CAPITAL LETTER G  
24BD CIRCLED LATIN CAPITAL LETTER H  
24BE CIRCLED LATIN CAPITAL LETTER I  
24BF CIRCLED LATIN CAPITAL LETTER J  
24C0 CIRCLED LATIN CAPITAL LETTER K  
24C1 CIRCLED LATIN CAPITAL LETTER L  
24C2 CIRCLED LATIN CAPITAL LETTER M  
24C3 CIRCLED LATIN CAPITAL LETTER N

24C4 CIRCLED LATIN CAPITAL LETTER O  
24C5 CIRCLED LATIN CAPITAL LETTER P  
24C6 CIRCLED LATIN CAPITAL LETTER Q  
24C7 CIRCLED LATIN CAPITAL LETTER R  
24C8 CIRCLED LATIN CAPITAL LETTER S  
24C9 CIRCLED LATIN CAPITAL LETTER T  
24CA CIRCLED LATIN CAPITAL LETTER U  
24CB CIRCLED LATIN CAPITAL LETTER V  
24CC CIRCLED LATIN CAPITAL LETTER W  
24CD CIRCLED LATIN CAPITAL LETTER X  
24CE CIRCLED LATIN CAPITAL LETTER Y  
24CF CIRCLED LATIN CAPITAL LETTER Z  
24D0 CIRCLED LATIN SMALL LETTER A  
24D1 CIRCLED LATIN SMALL LETTER B  
24D2 CIRCLED LATIN SMALL LETTER C  
24D3 CIRCLED LATIN SMALL LETTER D  
24D4 CIRCLED LATIN SMALL LETTER E  
24D5 CIRCLED LATIN SMALL LETTER F  
24D6 CIRCLED LATIN SMALL LETTER G  
24D7 CIRCLED LATIN SMALL LETTER H  
24D8 CIRCLED LATIN SMALL LETTER I  
24D9 CIRCLED LATIN SMALL LETTER J  
24DA CIRCLED LATIN SMALL LETTER K  
24DB CIRCLED LATIN SMALL LETTER L  
24DC CIRCLED LATIN SMALL LETTER M  
24DD CIRCLED LATIN SMALL LETTER N  
24DE CIRCLED LATIN SMALL LETTER O  
24DF CIRCLED LATIN SMALL LETTER P  
24E0 CIRCLED LATIN SMALL LETTER Q  
24E1 CIRCLED LATIN SMALL LETTER R  
24E2 CIRCLED LATIN SMALL LETTER S  
24E3 CIRCLED LATIN SMALL LETTER T  
24E4 CIRCLED LATIN SMALL LETTER U  
24E5 CIRCLED LATIN SMALL LETTER V  
24E6 CIRCLED LATIN SMALL LETTER W  
24E7 CIRCLED LATIN SMALL LETTER X  
24E8 CIRCLED LATIN SMALL LETTER Y  
24E9 CIRCLED LATIN SMALL LETTER Z  
24EA CIRCLED DIGIT ZERO  
2500 BOX DRAWINGS LIGHT HORIZONTAL  
2501 BOX DRAWINGS HEAVY HORIZONTAL  
2502 BOX DRAWINGS LIGHT VERTICAL  
2503 BOX DRAWINGS HEAVY VERTICAL  
2504 BOX DRAWINGS LIGHT TRIPLE DASH HORIZONTAL  
2505 BOX DRAWINGS HEAVY TRIPLE DASH HORIZONTAL  
2506 BOX DRAWINGS LIGHT TRIPLE DASH VERTICAL  
2507 BOX DRAWINGS HEAVY TRIPLE DASH VERTICAL  
2508 BOX DRAWINGS LIGHT QUADRUPLE DASH HORIZONTAL  
2509 BOX DRAWINGS HEAVY QUADRUPLE DASH HORIZONTAL  
250A BOX DRAWINGS LIGHT QUADRUPLE DASH VERTICAL  
250B BOX DRAWINGS HEAVY QUADRUPLE DASH VERTICAL  
250C BOX DRAWINGS LIGHT DOWN AND RIGHT  
250D BOX DRAWINGS DOWN LIGHT AND RIGHT HEAVY  
250E BOX DRAWINGS DOWN HEAVY AND RIGHT LIGHT  
250F BOX DRAWINGS HEAVY DOWN AND RIGHT  
2510 BOX DRAWINGS LIGHT DOWN AND LEFT  
2511 BOX DRAWINGS DOWN LIGHT AND LEFT HEAVY  
2512 BOX DRAWINGS DOWN HEAVY AND LEFT LIGHT  
2513 BOX DRAWINGS HEAVY DOWN AND LEFT  
2514 BOX DRAWINGS LIGHT UP AND RIGHT  
2515 BOX DRAWINGS UP LIGHT AND RIGHT HEAVY

2516 BOX DRAWINGS UP HEAVY AND RIGHT LIGHT  
2517 BOX DRAWINGS HEAVY UP AND RIGHT  
2518 BOX DRAWINGS LIGHT UP AND LEFT  
2519 BOX DRAWINGS UP LIGHT AND LEFT HEAVY  
251A BOX DRAWINGS UP HEAVY AND LEFT LIGHT  
251B BOX DRAWINGS HEAVY UP AND LEFT  
251C BOX DRAWINGS LIGHT VERTICAL AND RIGHT  
251D BOX DRAWINGS VERTICAL LIGHT AND RIGHT HEAVY  
251E BOX DRAWINGS UP HEAVY AND RIGHT DOWN LIGHT  
251F BOX DRAWINGS DOWN HEAVY AND RIGHT UP LIGHT  
2520 BOX DRAWINGS VERTICAL HEAVY AND RIGHT LIGHT  
2521 BOX DRAWINGS DOWN LIGHT AND RIGHT UP HEAVY  
2522 BOX DRAWINGS UP LIGHT AND RIGHT DOWN HEAVY  
2523 BOX DRAWINGS HEAVY VERTICAL AND RIGHT  
2524 BOX DRAWINGS LIGHT VERTICAL AND LEFT  
2525 BOX DRAWINGS VERTICAL LIGHT AND LEFT HEAVY  
2526 BOX DRAWINGS UP HEAVY AND LEFT DOWN LIGHT  
2527 BOX DRAWINGS DOWN HEAVY AND LEFT UP LIGHT  
2528 BOX DRAWINGS VERTICAL HEAVY AND LEFT LIGHT  
2529 BOX DRAWINGS DOWN LIGHT AND LEFT UP HEAVY  
252A BOX DRAWINGS UP LIGHT AND LEFT DOWN HEAVY  
252B BOX DRAWINGS HEAVY VERTICAL AND LEFT  
252C BOX DRAWINGS LIGHT DOWN AND HORIZONTAL  
252D BOX DRAWINGS LEFT HEAVY AND RIGHT DOWN LIGHT  
252E BOX DRAWINGS RIGHT HEAVY AND LEFT DOWN LIGHT  
252F BOX DRAWINGS DOWN LIGHT AND HORIZONTAL HEAVY  
2530 BOX DRAWINGS DOWN HEAVY AND HORIZONTAL LIGHT  
2531 BOX DRAWINGS RIGHT LIGHT AND LEFT DOWN HEAVY  
2532 BOX DRAWINGS LEFT LIGHT AND RIGHT DOWN HEAVY  
2533 BOX DRAWINGS HEAVY DOWN AND HORIZONTAL  
2534 BOX DRAWINGS LIGHT UP AND HORIZONTAL  
2535 BOX DRAWINGS LEFT HEAVY AND RIGHT UP LIGHT  
2536 BOX DRAWINGS RIGHT HEAVY AND LEFT UP LIGHT  
2537 BOX DRAWINGS UP LIGHT AND HORIZONTAL HEAVY  
2538 BOX DRAWINGS UP HEAVY AND HORIZONTAL LIGHT  
2539 BOX DRAWINGS RIGHT LIGHT AND LEFT UP HEAVY  
253A BOX DRAWINGS LEFT LIGHT AND RIGHT UP HEAVY  
253B BOX DRAWINGS HEAVY UP AND HORIZONTAL  
253C BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL  
253D BOX DRAWINGS LEFT HEAVY AND RIGHT VERTICAL LIGHT  
253E BOX DRAWINGS RIGHT HEAVY AND LEFT VERTICAL LIGHT  
253F BOX DRAWINGS VERTICAL LIGHT AND HORIZONTAL HEAVY  
2540 BOX DRAWINGS UP HEAVY AND DOWN HORIZONTAL LIGHT  
2541 BOX DRAWINGS DOWN HEAVY AND UP HORIZONTAL LIGHT  
2542 BOX DRAWINGS VERTICAL HEAVY AND HORIZONTAL LIGHT  
2543 BOX DRAWINGS LEFT UP HEAVY AND RIGHT DOWN LIGHT  
2544 BOX DRAWINGS RIGHT UP HEAVY AND LEFT DOWN LIGHT  
2545 BOX DRAWINGS LEFT DOWN HEAVY AND RIGHT UP LIGHT  
2546 BOX DRAWINGS RIGHT DOWN HEAVY AND LEFT UP LIGHT  
2547 BOX DRAWINGS DOWN LIGHT AND UP HORIZONTAL HEAVY  
2548 BOX DRAWINGS UP LIGHT AND DOWN HORIZONTAL HEAVY  
2549 BOX DRAWINGS RIGHT LIGHT AND LEFT VERTICAL HEAVY  
254A BOX DRAWINGS LEFT LIGHT AND RIGHT VERTICAL HEAVY  
254B BOX DRAWINGS HEAVY VERTICAL AND HORIZONTAL  
254C BOX DRAWINGS LIGHT DOUBLE DASH HORIZONTAL  
254D BOX DRAWINGS HEAVY DOUBLE DASH HORIZONTAL  
254E BOX DRAWINGS LIGHT DOUBLE DASH VERTICAL  
254F BOX DRAWINGS HEAVY DOUBLE DASH VERTICAL  
2550 BOX DRAWINGS DOUBLE HORIZONTAL  
2551 BOX DRAWINGS DOUBLE VERTICAL  
2552 BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE

2553 BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE  
2554 BOX DRAWINGS DOUBLE DOWN AND RIGHT  
2555 BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE  
2556 BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE  
2557 BOX DRAWINGS DOUBLE DOWN AND LEFT  
2558 BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE  
2559 BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE  
255A BOX DRAWINGS DOUBLE UP AND RIGHT  
255B BOX DRAWINGS UP SINGLE AND LEFT DOUBLE  
255C BOX DRAWINGS UP DOUBLE AND LEFT SINGLE  
255D BOX DRAWINGS DOUBLE UP AND LEFT  
255E BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE  
255F BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE  
2560 BOX DRAWINGS DOUBLE VERTICAL AND RIGHT  
2561 BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE  
2562 BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE  
2563 BOX DRAWINGS DOUBLE VERTICAL AND LEFT  
2564 BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE  
2565 BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE  
2566 BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL  
2567 BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE  
2568 BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE  
2569 BOX DRAWINGS DOUBLE UP AND HORIZONTAL  
256A BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE  
256B BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE  
256C BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL  
256D BOX DRAWINGS LIGHT ARC DOWN AND RIGHT  
256E BOX DRAWINGS LIGHT ARC DOWN AND LEFT  
256F BOX DRAWINGS LIGHT ARC UP AND LEFT  
2570 BOX DRAWINGS LIGHT ARC UP AND RIGHT  
2571 BOX DRAWINGS LIGHT DIAGONAL UPPER RIGHT TO LOWER LEFT  
2572 BOX DRAWINGS LIGHT DIAGONAL UPPER LEFT TO LOWER RIGHT  
2573 BOX DRAWINGS LIGHT DIAGONAL CROSS  
2574 BOX DRAWINGS LIGHT LEFT  
2575 BOX DRAWINGS LIGHT UP  
2576 BOX DRAWINGS LIGHT RIGHT  
2577 BOX DRAWINGS LIGHT DOWN  
2578 BOX DRAWINGS HEAVY LEFT  
2579 BOX DRAWINGS HEAVY UP  
257A BOX DRAWINGS HEAVY RIGHT  
257B BOX DRAWINGS HEAVY DOWN  
257C BOX DRAWINGS LIGHT LEFT AND HEAVY RIGHT  
257D BOX DRAWINGS LIGHT UP AND HEAVY DOWN  
257E BOX DRAWINGS HEAVY LEFT AND LIGHT RIGHT  
257F BOX DRAWINGS HEAVY UP AND LIGHT DOWN  
2580 UPPER HALF BLOCK  
2581 LOWER ONE EIGHTH BLOCK  
2582 LOWER ONE QUARTER BLOCK  
2583 LOWER THREE EIGHTHS BLOCK  
2584 LOWER HALF BLOCK  
2585 LOWER FIVE EIGHTHS BLOCK  
2586 LOWER THREE QUARTERS BLOCK  
2587 LOWER SEVEN EIGHTHS BLOCK  
2588 FULL BLOCK  
2589 LEFT SEVEN EIGHTHS BLOCK  
258A LEFT THREE QUARTERS BLOCK  
258B LEFT FIVE EIGHTHS BLOCK  
258C LEFT HALF BLOCK  
258D LEFT THREE EIGHTHS BLOCK  
258E LEFT ONE QUARTER BLOCK  
258F LEFT ONE EIGHTH BLOCK

2590 RIGHT HALF BLOCK  
2591 LIGHT SHADE  
2592 MEDIUM SHADE  
2593 DARK SHADE  
2594 UPPER ONE EIGHTH BLOCK  
2595 RIGHT ONE EIGHTH BLOCK  
25A0 BLACK SQUARE  
25A1 WHITE SQUARE  
25A2 WHITE SQUARE WITH ROUNDED CORNERS  
25A3 WHITE SQUARE CONTAINING BLACK SMALL SQUARE  
25A4 SQUARE WITH HORIZONTAL FILL  
25A5 SQUARE WITH VERTICAL FILL  
25A6 SQUARE WITH ORTHOGONAL CROSSHATCH FILL  
25A7 SQUARE WITH UPPER LEFT TO LOWER RIGHT FILL  
25A8 SQUARE WITH UPPER RIGHT TO LOWER LEFT FILL  
25A9 SQUARE WITH DIAGONAL CROSSHATCH FILL  
25AA BLACK SMALL SQUARE  
25AB WHITE SMALL SQUARE  
25AC BLACK RECTANGLE  
25AD WHITE RECTANGLE  
25AE BLACK VERTICAL RECTANGLE  
25AF WHITE VERTICAL RECTANGLE  
25B0 BLACK PARALLELOGRAM  
25B1 WHITE PARALLELOGRAM  
25B2 BLACK UP-POINTING TRIANGLE  
25B3 WHITE UP-POINTING TRIANGLE  
25B4 BLACK UP-POINTING SMALL TRIANGLE  
25B5 WHITE UP-POINTING SMALL TRIANGLE  
25B6 BLACK RIGHT-POINTING TRIANGLE  
25B7 WHITE RIGHT-POINTING TRIANGLE  
25B8 BLACK RIGHT-POINTING SMALL TRIANGLE  
25B9 WHITE RIGHT-POINTING SMALL TRIANGLE  
25BA BLACK RIGHT-POINTING POINTER  
25BB WHITE RIGHT-POINTING POINTER  
25BC BLACK DOWN-POINTING TRIANGLE  
25BD WHITE DOWN-POINTING TRIANGLE  
25BE BLACK DOWN-POINTING SMALL TRIANGLE  
25BF WHITE DOWN-POINTING SMALL TRIANGLE  
25C0 BLACK LEFT-POINTING TRIANGLE  
25C1 WHITE LEFT-POINTING TRIANGLE  
25C2 BLACK LEFT-POINTING SMALL TRIANGLE  
25C3 WHITE LEFT-POINTING SMALL TRIANGLE  
25C4 BLACK LEFT-POINTING POINTER  
25C5 WHITE LEFT-POINTING POINTER  
25C6 BLACK DIAMOND  
25C7 WHITE DIAMOND  
25C8 WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND  
25C9 FISHEYE  
25CA LOZENGE  
25CB WHITE CIRCLE  
25CC DOTTED CIRCLE  
25CD CIRCLE WITH VERTICAL FILL  
25CE BULLSEYE  
25CF BLACK CIRCLE  
25D0 CIRCLE WITH LEFT HALF BLACK  
25D1 CIRCLE WITH RIGHT HALF BLACK  
25D2 CIRCLE WITH LOWER HALF BLACK  
25D3 CIRCLE WITH UPPER HALF BLACK  
25D4 CIRCLE WITH UPPER RIGHT QUADRANT BLACK  
25D5 CIRCLE WITH ALL BUT UPPER LEFT QUADRANT BLACK  
25D6 LEFT HALF BLACK CIRCLE

25D7 RIGHT HALF BLACK CIRCLE  
25D8 INVERSE BULLET  
25D9 INVERSE WHITE CIRCLE  
25DA UPPER HALF INVERSE WHITE CIRCLE  
25DB LOWER HALF INVERSE WHITE CIRCLE  
25DC UPPER LEFT QUADRANT CIRCULAR ARC  
25DD UPPER RIGHT QUADRANT CIRCULAR ARC  
25DE LOWER RIGHT QUADRANT CIRCULAR ARC  
25DF LOWER LEFT QUADRANT CIRCULAR ARC  
25E0 UPPER HALF CIRCLE  
25E1 LOWER HALF CIRCLE  
25E2 BLACK LOWER RIGHT TRIANGLE  
25E3 BLACK LOWER LEFT TRIANGLE  
25E4 BLACK UPPER LEFT TRIANGLE  
25E5 BLACK UPPER RIGHT TRIANGLE  
25E6 WHITE BULLET  
25E7 SQUARE WITH LEFT HALF BLACK  
25E8 SQUARE WITH RIGHT HALF BLACK  
25E9 SQUARE WITH UPPER LEFT DIAGONAL HALF BLACK  
25EA SQUARE WITH LOWER RIGHT DIAGONAL HALF BLACK  
25EB WHITE SQUARE WITH VERTICAL BISECTING LINE  
25EC WHITE UP-POINTING TRIANGLE WITH DOT  
25ED UP-POINTING TRIANGLE WITH LEFT HALF BLACK  
25EE UP-POINTING TRIANGLE WITH RIGHT HALF BLACK  
25EF LARGE CIRCLE  
2600 BLACK SUN WITH RAYS  
2601 CLOUD  
2602 UMBRELLA  
2603 SNOWMAN  
2604 COMET  
2605 BLACK STAR  
2606 WHITE STAR  
2607 LIGHTNING  
2608 THUNDERSTORM  
2609 SUN  
260A ASCENDING NODE  
260B DESCENDING NODE  
260C CONJUNCTION  
260D OPPOSITION  
260E BLACK TELEPHONE  
260F WHITE TELEPHONE  
2610 BALLOT BOX  
2611 BALLOT BOX WITH CHECK  
2612 BALLOT BOX WITH X  
2613 SALTIRE  
261A BLACK LEFT POINTING INDEX  
261B BLACK RIGHT POINTING INDEX  
261C WHITE LEFT POINTING INDEX  
261D WHITE UP POINTING INDEX  
261E WHITE RIGHT POINTING INDEX  
261F WHITE DOWN POINTING INDEX  
2620 SKULL AND CROSSBONES  
2621 CAUTION SIGN  
2622 RADIOACTIVE SIGN  
2623 BIOHAZARD SIGN  
2624 CADUCEUS  
2625 ANKH  
2626 ORTHODOX CROSS  
2627 CHI RHO  
2628 CROSS OF LORRAINE  
2629 CROSS OF JERUSALEM



262A STAR AND CRESCENT  
262B FARSI SYMBOL  
262C ADI SHAKTI  
262D HAMMER AND SICKLE  
262E PEACE SYMBOL  
262F YIN YANG  
2630 TRIGRAM FOR HEAVEN  
2631 TRIGRAM FOR LAKE  
2632 TRIGRAM FOR FIRE  
2633 TRIGRAM FOR THUNDER  
2634 TRIGRAM FOR WIND  
2635 TRIGRAM FOR WATER  
2636 TRIGRAM FOR MOUNTAIN  
2637 TRIGRAM FOR EARTH  
2638 WHEEL OF DHARMA  
2639 WHITE FROWNING FACE  
263A WHITE SMILING FACE  
263B BLACK SMILING FACE  
263C WHITE SUN WITH RAYS  
263D FIRST QUARTER MOON  
263E LAST QUARTER MOON  
263F MERCURY  
2640 FEMALE SIGN  
2641 EARTH  
2642 MALE SIGN  
2643 JUPITER  
2644 SATURN  
2645 URANUS  
2646 NEPTUNE  
2647 PLUTO  
2648 ARIES  
2649 TAURUS  
264A GEMINI  
264B CANCER  
264C LEO  
264D VIRGO  
264E LIBRA  
264F SCORPIUS  
2650 SAGITTARIUS  
2651 CAPRICORN  
2652 AQUARIUS  
2653 PISCES  
2654 WHITE CHESS KING  
2655 WHITE CHESS QUEEN  
2656 WHITE CHESS ROOK  
2657 WHITE CHESS BISHOP  
2658 WHITE CHESS KNIGHT  
2659 WHITE CHESS PAWN  
265A BLACK CHESS KING  
265B BLACK CHESS QUEEN  
265C BLACK CHESS ROOK  
265D BLACK CHESS BISHOP  
265E BLACK CHESS KNIGHT  
265F BLACK CHESS PAWN  
2660 BLACK SPADE SUIT  
2661 WHITE HEART SUIT  
2662 WHITE DIAMOND SUIT  
2663 BLACK CLUB SUIT  
2664 WHITE SPADE SUIT  
2665 BLACK HEART SUIT  
2666 BLACK DIAMOND SUIT

2667 WHITE CLUB SUIT  
2668 HOT SPRINGS  
2669 QUARTER NOTE  
266A EIGHTH NOTE  
266B BEAMED EIGHTH NOTES  
266C BEAMED SIXTEENTH NOTES  
266D MUSIC FLAT SIGN  
266E MUSIC NATURAL SIGN  
266F MUSIC SHARP SIGN  
2701 UPPER BLADE SCISSORS  
2702 BLACK SCISSORS  
2703 LOWER BLADE SCISSORS  
2704 WHITE SCISSORS  
2706 TELEPHONE LOCATION SIGN  
2707 TAPE DRIVE  
2708 AIRPLANE  
2709 ENVELOPE  
270C VICTORY HAND  
270D WRITING HAND  
270E LOWER RIGHT PENCIL  
270F PENCIL  
2710 UPPER RIGHT PENCIL  
2711 WHITE NIB  
2712 BLACK NIB  
2713 CHECK MARK  
2714 HEAVY CHECK MARK  
2715 MULTIPLICATION X  
2716 HEAVY MULTIPLICATION X  
2717 BALLOT X  
2718 HEAVY BALLOT X  
2719 OUTLINED GREEK CROSS  
271A HEAVY GREEK CROSS  
271B OPEN CENTRE CROSS  
271C HEAVY OPEN CENTRE CROSS  
271D LATIN CROSS  
271E SHADOWED WHITE LATIN CROSS  
271F OUTLINED LATIN CROSS  
2720 MALTESE CROSS  
2721 STAR OF DAVID  
2722 FOUR TEARDROP-SPOKED ASTERISK  
2723 FOUR BALLOON-SPOKED ASTERISK  
2724 HEAVY FOUR BALLOON-SPOKED ASTERISK  
2725 FOUR CLUB-SPOKED ASTERISK  
2726 BLACK FOUR POINTED STAR  
2727 WHITE FOUR POINTED STAR  
2729 STRESS OUTLINED WHITE STAR  
272A CIRCLED WHITE STAR  
272B OPEN CENTRE BLACK STAR  
272C BLACK CENTRE WHITE STAR  
272D OUTLINED BLACK STAR  
272E HEAVY OUTLINED BLACK STAR  
272F PINWHEEL STAR  
2730 SHADOWED WHITE STAR  
2731 HEAVY ASTERISK  
2732 OPEN CENTRE ASTERISK  
2733 EIGHT SPOKED ASTERISK  
2734 EIGHT POINTED BLACK STAR  
2735 EIGHT POINTED PINWHEEL STAR  
2736 SIX POINTED BLACK STAR  
2737 EIGHT POINTED RECTILINEAR BLACK STAR  
2738 HEAVY EIGHT POINTED RECTILINEAR BLACK STAR

2739 TWELVE POINTED BLACK STAR  
273A SIXTEEN POINTED ASTERISK  
273B TEARDROP-SPOKED ASTERISK  
273C OPEN CENTRE TEARDROP-SPOKED ASTERISK  
273D HEAVY TEARDROP-SPOKED ASTERISK  
273E SIX PETALLED BLACK AND WHITE FLORETTE  
273F BLACK FLORETTE  
2740 WHITE FLORETTE  
2741 EIGHT PETALLED OUTLINED BLACK FLORETTE  
2742 CIRCLED OPEN CENTRE EIGHT POINTED STAR  
2743 HEAVY TEARDROP-SPOKED PINWHEEL ASTERISK  
2744 SNOWFLAKE  
2745 TIGHT TRIFOLIATE SNOWFLAKE  
2746 HEAVY CHEVRON SNOWFLAKE  
2747 SPARKLE  
2748 HEAVY SPARKLE  
2749 BALLOON-SPOKED ASTERISK  
274A EIGHT TEARDROP-SPOKED PROPELLER ASTERISK  
274B HEAVY EIGHT TEARDROP-SPOKED PROPELLER ASTERISK  
274D SHADOWED WHITE CIRCLE  
274F LOWER RIGHT DROP-SHADOWED WHITE SQUARE  
2750 UPPER RIGHT DROP-SHADOWED WHITE SQUARE  
2751 LOWER RIGHT SHADOWED WHITE SQUARE  
2752 UPPER RIGHT SHADOWED WHITE SQUARE  
2756 BLACK DIAMOND MINUS WHITE X  
2758 LIGHT VERTICAL BAR  
2759 MEDIUM VERTICAL BAR  
275A HEAVY VERTICAL BAR  
275B HEAVY SINGLE TURNED COMMA QUOTATION MARK ORNAMENT  
275C HEAVY SINGLE COMMA QUOTATION MARK ORNAMENT  
275D HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT  
275E HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT  
2761 CURVED STEM PARAGRAPH SIGN ORNAMENT  
2762 HEAVY EXCLAMATION MARK ORNAMENT  
2763 HEAVY HEART EXCLAMATION MARK ORNAMENT  
2764 HEAVY BLACK HEART  
2765 ROTATED HEAVY BLACK HEART BULLET  
2766 FLORAL HEART  
2767 ROTATED FLORAL HEART BULLET  
2776 DINGBAT NEGATIVE CIRCLED DIGIT ONE  
2777 DINGBAT NEGATIVE CIRCLED DIGIT TWO  
2778 DINGBAT NEGATIVE CIRCLED DIGIT THREE  
2779 DINGBAT NEGATIVE CIRCLED DIGIT FOUR  
277A DINGBAT NEGATIVE CIRCLED DIGIT FIVE  
277B DINGBAT NEGATIVE CIRCLED DIGIT SIX  
277C DINGBAT NEGATIVE CIRCLED DIGIT SEVEN  
277D DINGBAT NEGATIVE CIRCLED DIGIT EIGHT  
277E DINGBAT NEGATIVE CIRCLED DIGIT NINE  
277F DINGBAT NEGATIVE CIRCLED NUMBER TEN  
2780 DINGBAT CIRCLED SANS-SERIF DIGIT ONE  
2781 DINGBAT CIRCLED SANS-SERIF DIGIT TWO  
2782 DINGBAT CIRCLED SANS-SERIF DIGIT THREE  
2783 DINGBAT CIRCLED SANS-SERIF DIGIT FOUR  
2784 DINGBAT CIRCLED SANS-SERIF DIGIT FIVE  
2785 DINGBAT CIRCLED SANS-SERIF DIGIT SIX  
2786 DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN  
2787 DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT  
2788 DINGBAT CIRCLED SANS-SERIF DIGIT NINE  
2789 DINGBAT CIRCLED SANS-SERIF NUMBER TEN  
278A DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE  
278B DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO

278C DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE  
278D DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR  
278E DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE  
278F DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX  
2790 DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN  
2791 DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT  
2792 DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE  
2793 DINGBAT NEGATIVE CIRCLED SANS-SERIF NUMBER TEN  
2794 HEAVY WIDE-HEADED RIGHTWARDS ARROW  
2798 HEAVY SOUTH EAST ARROW  
2799 HEAVY RIGHTWARDS ARROW  
279A HEAVY NORTH EAST ARROW  
279B DRAFTING POINT RIGHTWARDS ARROW  
279C HEAVY ROUND-TIPPED RIGHTWARDS ARROW  
279D TRIANGLE-HEADED RIGHTWARDS ARROW  
279E HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW  
279F DASHED TRIANGLE-HEADED RIGHTWARDS ARROW  
27A0 HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW  
27A1 BLACK RIGHTWARDS ARROW  
27A2 THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD  
27A3 THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD  
27A4 BLACK RIGHTWARDS ARROWHEAD  
27A5 HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW  
27A6 HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW  
27A7 SQUAT BLACK RIGHTWARDS ARROW  
27A8 HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW  
27A9 RIGHT-SHADED WHITE RIGHTWARDS ARROW  
27AA LEFT-SHADED WHITE RIGHTWARDS ARROW  
27AB BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW  
27AC FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW  
27AD HEAVY LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW  
27AE HEAVY UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW  
27AF NOTCHED LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW  
27B1 NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW  
27B2 CIRCLED HEAVY WHITE RIGHTWARDS ARROW  
27B3 WHITE-FEATHERED RIGHTWARDS ARROW  
27B4 BLACK-FEATHERED SOUTH EAST ARROW  
27B5 BLACK-FEATHERED RIGHTWARDS ARROW  
27B6 BLACK-FEATHERED NORTH EAST ARROW  
27B7 HEAVY BLACK-FEATHERED SOUTH EAST ARROW  
27B8 HEAVY BLACK-FEATHERED RIGHTWARDS ARROW  
27B9 HEAVY BLACK-FEATHERED NORTH EAST ARROW  
27BA TEARDROP-BARBED RIGHTWARDS ARROW  
27BB HEAVY TEARDROP-SHANKED RIGHTWARDS ARROW  
27BC WEDGE-TAILED RIGHTWARDS ARROW  
27BD HEAVY WEDGE-TAILED RIGHTWARDS ARROW  
27BE OPEN-OUTLINED RIGHTWARDS ARROW  
3000 IDEOGRAPHIC SPACE  
3001 IDEOGRAPHIC COMMA  
3002 IDEOGRAPHIC FULL STOP  
3003 DITTO MARK  
3004 JAPANESE INDUSTRIAL STANDARD SYMBOL  
3005 IDEOGRAPHIC ITERATION MARK  
3006 IDEOGRAPHIC CLOSING MARK  
3007 IDEOGRAPHIC NUMBER ZERO  
3008 LEFT ANGLE BRACKET  
3009 RIGHT ANGLE BRACKET  
300A LEFT DOUBLE ANGLE BRACKET  
300B RIGHT DOUBLE ANGLE BRACKET  
300C LEFT CORNER BRACKET  
300D RIGHT CORNER BRACKET

300E LEFT WHITE CORNER BRACKET  
300F RIGHT WHITE CORNER BRACKET  
3010 LEFT BLACK LENTICULAR BRACKET  
3011 RIGHT BLACK LENTICULAR BRACKET  
3012 POSTAL MARK  
3013 GETA MARK  
3014 LEFT TORTOISE SHELL BRACKET  
3015 RIGHT TORTOISE SHELL BRACKET  
3016 LEFT WHITE LENTICULAR BRACKET  
3017 RIGHT WHITE LENTICULAR BRACKET  
3018 LEFT WHITE TORTOISE SHELL BRACKET  
3019 RIGHT WHITE TORTOISE SHELL BRACKET  
301A LEFT WHITE SQUARE BRACKET  
301B RIGHT WHITE SQUARE BRACKET  
301C WAVE DASH  
301D REVERSED DOUBLE PRIME QUOTATION MARK  
301E DOUBLE PRIME QUOTATION MARK  
301F LOW DOUBLE PRIME QUOTATION MARK  
3020 POSTAL MARK FACE  
3021 HANGZHOU NUMERAL ONE  
3022 HANGZHOU NUMERAL TWO  
3023 HANGZHOU NUMERAL THREE  
3024 HANGZHOU NUMERAL FOUR  
3025 HANGZHOU NUMERAL FIVE  
3026 HANGZHOU NUMERAL SIX  
3027 HANGZHOU NUMERAL SEVEN  
3028 HANGZHOU NUMERAL EIGHT  
3029 HANGZHOU NUMERAL NINE  
302A IDEOGRAPHIC LEVEL TONE MARK  
302B IDEOGRAPHIC RISING TONE MARK  
302C IDEOGRAPHIC DEPARTING TONE MARK  
302D IDEOGRAPHIC ENTERING TONE MARK  
302E HANGUL SINGLE DOT TONE MARK  
302F HANGUL DOUBLE DOT TONE MARK  
3030 WAVY DASH  
3031 VERTICAL KANA REPEAT MARK  
3032 VERTICAL KANA REPEAT WITH VOICED SOUND MARK  
3033 VERTICAL KANA REPEAT MARK UPPER HALF  
3034 VERTICAL KANA REPEAT WITH VOICED SOUND MARK UPPER HALF  
3035 VERTICAL KANA REPEAT MARK LOWER HALF  
3036 CIRCLED POSTAL MARK  
3037 IDEOGRAPHIC TELEGRAPH LINE FEED SEPARATOR SYMBOL  
303F IDEOGRAPHIC HALF FILL SPACE  
3041 HIRAGANA LETTER SMALL A  
3042 HIRAGANA LETTER A  
3043 HIRAGANA LETTER SMALL I  
3044 HIRAGANA LETTER I  
3045 HIRAGANA LETTER SMALL U  
3046 HIRAGANA LETTER U  
3047 HIRAGANA LETTER SMALL E  
3048 HIRAGANA LETTER E  
3049 HIRAGANA LETTER SMALL O  
304A HIRAGANA LETTER O  
304B HIRAGANA LETTER KA  
304C HIRAGANA LETTER GA  
304D HIRAGANA LETTER KI  
304E HIRAGANA LETTER GI  
304F HIRAGANA LETTER KU  
3050 HIRAGANA LETTER GU  
3051 HIRAGANA LETTER KE  
3052 HIRAGANA LETTER GE

3053 HIRAGANA LETTER KO  
3054 HIRAGANA LETTER GO  
3055 HIRAGANA LETTER SA  
3056 HIRAGANA LETTER ZA  
3057 HIRAGANA LETTER SI  
3058 HIRAGANA LETTER ZI  
3059 HIRAGANA LETTER SU  
305A HIRAGANA LETTER ZU  
305B HIRAGANA LETTER SE  
305C HIRAGANA LETTER ZE  
305D HIRAGANA LETTER SO  
305E HIRAGANA LETTER ZO  
305F HIRAGANA LETTER TA  
3060 HIRAGANA LETTER DA  
3061 HIRAGANA LETTER TI  
3062 HIRAGANA LETTER DI  
3063 HIRAGANA LETTER SMALL TU  
3064 HIRAGANA LETTER TU  
3065 HIRAGANA LETTER DU  
3066 HIRAGANA LETTER TE  
3067 HIRAGANA LETTER DE  
3068 HIRAGANA LETTER TO  
3069 HIRAGANA LETTER DO  
306A HIRAGANA LETTER NA  
306B HIRAGANA LETTER NI  
306C HIRAGANA LETTER NU  
306D HIRAGANA LETTER NE  
306E HIRAGANA LETTER NO  
306F HIRAGANA LETTER HA  
3070 HIRAGANA LETTER BA  
3071 HIRAGANA LETTER PA  
3072 HIRAGANA LETTER HI  
3073 HIRAGANA LETTER BI  
3074 HIRAGANA LETTER PI  
3075 HIRAGANA LETTER HU  
3076 HIRAGANA LETTER BU  
3077 HIRAGANA LETTER PU  
3078 HIRAGANA LETTER HE  
3079 HIRAGANA LETTER BE  
307A HIRAGANA LETTER PE  
307B HIRAGANA LETTER HO  
307C HIRAGANA LETTER BO  
307D HIRAGANA LETTER PO  
307E HIRAGANA LETTER MA  
307F HIRAGANA LETTER MI  
3080 HIRAGANA LETTER MU  
3081 HIRAGANA LETTER ME  
3082 HIRAGANA LETTER MO  
3083 HIRAGANA LETTER SMALL YA  
3084 HIRAGANA LETTER YA  
3085 HIRAGANA LETTER SMALL YU  
3086 HIRAGANA LETTER YU  
3087 HIRAGANA LETTER SMALL YO  
3088 HIRAGANA LETTER YO  
3089 HIRAGANA LETTER RA  
308A HIRAGANA LETTER RI  
308B HIRAGANA LETTER RU  
308C HIRAGANA LETTER RE  
308D HIRAGANA LETTER RO  
308E HIRAGANA LETTER SMALL WA  
308F HIRAGANA LETTER WA

3090 HIRAGANA LETTER WI  
3091 HIRAGANA LETTER WE  
3092 HIRAGANA LETTER WO  
3093 HIRAGANA LETTER N  
3094 HIRAGANA LETTER VU  
3099 COMBINING KATAKANA-HIRAGANA VOICED SOUND MARK  
309A COMBINING KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK  
309B KATAKANA-HIRAGANA VOICED SOUND MARK  
309C KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK  
309D HIRAGANA ITERATION MARK  
309E HIRAGANA VOICED ITERATION MARK  
30A1 KATAKANA LETTER SMALL A  
30A2 KATAKANA LETTER A  
30A3 KATAKANA LETTER SMALL I  
30A4 KATAKANA LETTER I  
30A5 KATAKANA LETTER SMALL U  
30A6 KATAKANA LETTER U  
30A7 KATAKANA LETTER SMALL E  
30A8 KATAKANA LETTER E  
30A9 KATAKANA LETTER SMALL O  
30AA KATAKANA LETTER O  
30AB KATAKANA LETTER KA  
30AC KATAKANA LETTER GA  
30AD KATAKANA LETTER KI  
30AE KATAKANA LETTER GI  
30AF KATAKANA LETTER KU  
30B0 KATAKANA LETTER GU  
30B1 KATAKANA LETTER KE  
30B2 KATAKANA LETTER GE  
30B3 KATAKANA LETTER KO  
30B4 KATAKANA LETTER GO  
30B5 KATAKANA LETTER SA  
30B6 KATAKANA LETTER ZA  
30B7 KATAKANA LETTER SI  
30B8 KATAKANA LETTER ZI  
30B9 KATAKANA LETTER SU  
30BA KATAKANA LETTER ZU  
30BB KATAKANA LETTER SE  
30BC KATAKANA LETTER ZE  
30BD KATAKANA LETTER SO  
30BE KATAKANA LETTER ZO  
30BF KATAKANA LETTER TA  
30C0 KATAKANA LETTER DA  
30C1 KATAKANA LETTER TI  
30C2 KATAKANA LETTER DI  
30C3 KATAKANA LETTER SMALL TU  
30C4 KATAKANA LETTER TU  
30C5 KATAKANA LETTER DU  
30C6 KATAKANA LETTER TE  
30C7 KATAKANA LETTER DE  
30C8 KATAKANA LETTER TO  
30C9 KATAKANA LETTER DO  
30CA KATAKANA LETTER NA  
30CB KATAKANA LETTER NI  
30CC KATAKANA LETTER NU  
30CD KATAKANA LETTER NE  
30CE KATAKANA LETTER NO  
30CF KATAKANA LETTER HA  
30D0 KATAKANA LETTER BA  
30D1 KATAKANA LETTER PA  
30D2 KATAKANA LETTER HI

30D3 KATAKANA LETTER BI  
30D4 KATAKANA LETTER PI  
30D5 KATAKANA LETTER HU  
30D6 KATAKANA LETTER BU  
30D7 KATAKANA LETTER PU  
30D8 KATAKANA LETTER HE  
30D9 KATAKANA LETTER BE  
30DA KATAKANA LETTER PE  
30DB KATAKANA LETTER HO  
30DC KATAKANA LETTER BO  
30DD KATAKANA LETTER PO  
30DE KATAKANA LETTER MA  
30DF KATAKANA LETTER MI  
30E0 KATAKANA LETTER MU  
30E1 KATAKANA LETTER ME  
30E2 KATAKANA LETTER MO  
30E3 KATAKANA LETTER SMALL YA  
30E4 KATAKANA LETTER YA  
30E5 KATAKANA LETTER SMALL YU  
30E6 KATAKANA LETTER YU  
30E7 KATAKANA LETTER SMALL YO  
30E8 KATAKANA LETTER YO  
30E9 KATAKANA LETTER RA  
30EA KATAKANA LETTER RI  
30EB KATAKANA LETTER RU  
30EC KATAKANA LETTER RE  
30ED KATAKANA LETTER RO  
30EE KATAKANA LETTER SMALL WA  
30EF KATAKANA LETTER WA  
30F0 KATAKANA LETTER WI  
30F1 KATAKANA LETTER WE  
30F2 KATAKANA LETTER WO  
30F3 KATAKANA LETTER N  
30F4 KATAKANA LETTER VU  
30F5 KATAKANA LETTER SMALL KA  
30F6 KATAKANA LETTER SMALL KE  
30F7 KATAKANA LETTER VA  
30F8 KATAKANA LETTER VI  
30F9 KATAKANA LETTER VE  
30FA KATAKANA LETTER VO  
30FB KATAKANA MIDDLE DOT  
30FC KATAKANA-HIRAGANA PROLONGED SOUND MARK  
30FD KATAKANA ITERATION MARK  
30FE KATAKANA VOICED ITERATION MARK  
3105 BOPOMOFO LETTER B  
3106 BOPOMOFO LETTER P  
3107 BOPOMOFO LETTER M  
3108 BOPOMOFO LETTER F  
3109 BOPOMOFO LETTER D  
310A BOPOMOFO LETTER T  
310B BOPOMOFO LETTER N  
310C BOPOMOFO LETTER L  
310D BOPOMOFO LETTER G  
310E BOPOMOFO LETTER K  
310F BOPOMOFO LETTER H  
3110 BOPOMOFO LETTER J  
3111 BOPOMOFO LETTER Q  
3112 BOPOMOFO LETTER X  
3113 BOPOMOFO LETTER ZH  
3114 BOPOMOFO LETTER CH  
3115 BOPOMOFO LETTER SH



3116 BOPOMOFO LETTER R  
3117 BOPOMOFO LETTER Z  
3118 BOPOMOFO LETTER C  
3119 BOPOMOFO LETTER S  
311A BOPOMOFO LETTER A  
311B BOPOMOFO LETTER O  
311C BOPOMOFO LETTER E  
311D BOPOMOFO LETTER EH  
311E BOPOMOFO LETTER AI  
311F BOPOMOFO LETTER EI  
3120 BOPOMOFO LETTER AU  
3121 BOPOMOFO LETTER OU  
3122 BOPOMOFO LETTER AN  
3123 BOPOMOFO LETTER EN  
3124 BOPOMOFO LETTER ANG  
3125 BOPOMOFO LETTER ENG  
3126 BOPOMOFO LETTER ER  
3127 BOPOMOFO LETTER I  
3128 BOPOMOFO LETTER U  
3129 BOPOMOFO LETTER IU  
312A BOPOMOFO LETTER V  
312B BOPOMOFO LETTER NG  
312C BOPOMOFO LETTER GN  
3131 HANGUL LETTER KIYEOK  
3132 HANGUL LETTER SSANGKIYEOK  
3133 HANGUL LETTER KIYEOK-SIOS  
3134 HANGUL LETTER NIEUN  
3135 HANGUL LETTER NIEUN-CIEUC  
3136 HANGUL LETTER NIEUN-HIEUH  
3137 HANGUL LETTER TIKEUT  
3138 HANGUL LETTER SSANGTIKEUT  
3139 HANGUL LETTER RIEUL  
313A HANGUL LETTER RIEUL-KIYEOK  
313B HANGUL LETTER RIEUL-MIEUM  
313C HANGUL LETTER RIEUL-PIEUP  
313D HANGUL LETTER RIEUL-SIOS  
313E HANGUL LETTER RIEUL-THIEUTH  
313F HANGUL LETTER RIEUL-PHIEUPH  
3140 HANGUL LETTER RIEUL-HIEUH  
3141 HANGUL LETTER MIEUM  
3142 HANGUL LETTER PIEUP  
3143 HANGUL LETTER SSANGPIEUP  
3144 HANGUL LETTER PIEUP-SIOS  
3145 HANGUL LETTER SIOS  
3146 HANGUL LETTER SSANGSIOS  
3147 HANGUL LETTER IEUNG  
3148 HANGUL LETTER CIEUC  
3149 HANGUL LETTER SSANGCIEUC  
314A HANGUL LETTER CHIEUCH  
314B HANGUL LETTER KHIEUKH  
314C HANGUL LETTER THIEUTH  
314D HANGUL LETTER PHIEUPH  
314E HANGUL LETTER HIEUH  
314F HANGUL LETTER A  
3150 HANGUL LETTER AE  
3151 HANGUL LETTER YA  
3152 HANGUL LETTER YAE  
3153 HANGUL LETTER EO  
3154 HANGUL LETTER E  
3155 HANGUL LETTER YEO  
3156 HANGUL LETTER YE

3157 HANGUL LETTER O  
3158 HANGUL LETTER WA  
3159 HANGUL LETTER WAE  
315A HANGUL LETTER OE  
315B HANGUL LETTER YO  
315C HANGUL LETTER U  
315D HANGUL LETTER WEO  
315E HANGUL LETTER WE  
315F HANGUL LETTER WI  
3160 HANGUL LETTER YU  
3161 HANGUL LETTER EU  
3162 HANGUL LETTER YI  
3163 HANGUL LETTER I  
3164 HANGUL FILLER  
3165 HANGUL LETTER SSANGNIEUN  
3166 HANGUL LETTER NIEUN-TIKEUT  
3167 HANGUL LETTER NIEUN-SIOS  
3168 HANGUL LETTER NIEUN-PANSIOS  
3169 HANGUL LETTER RIEUL-KIYEOK-SIOS  
316A HANGUL LETTER RIEUL-TIKEUT  
316B HANGUL LETTER RIEUL-PIEUP-SIOS  
316C HANGUL LETTER RIEUL-PANSIOS  
316D HANGUL LETTER RIEUL-YEORINHIEUH  
316E HANGUL LETTER MIEUM-PIEUP  
316F HANGUL LETTER MIEUM-SIOS  
3170 HANGUL LETTER MIEUM-PANSIOS  
3171 HANGUL LETTER KAPYEOUNMIEUM  
3172 HANGUL LETTER PIEUP-KIYEOK  
3173 HANGUL LETTER PIEUP-TIKEUT  
3174 HANGUL LETTER PIEUP-SIOS-KIYEOK  
3175 HANGUL LETTER PIEUP-SIOS-TIKEUT  
3176 HANGUL LETTER PIEUP-CIEUC  
3177 HANGUL LETTER PIEUP-THIEUTH  
3178 HANGUL LETTER KAPYEOUNPIEUP  
3179 HANGUL LETTER KAPYEOUNSSANGPIEUP  
317A HANGUL LETTER SIOS-KIYEOK  
317B HANGUL LETTER SIOS-NIEUN  
317C HANGUL LETTER SIOS-TIKEUT  
317D HANGUL LETTER SIOS-PIEUP  
317E HANGUL LETTER SIOS-CIEUC  
317F HANGUL LETTER PANSIOS  
3180 HANGUL LETTER SSANGIEUNG  
3181 HANGUL LETTER YESIEUNG  
3182 HANGUL LETTER YESIEUNG-SIOS  
3183 HANGUL LETTER YESIEUNG-PANSIOS  
3184 HANGUL LETTER KAPYEOUNPHIEUPH  
3185 HANGUL LETTER SSANGHIEUH  
3186 HANGUL LETTER YEORINHIEUH  
3187 HANGUL LETTER YO-YA  
3188 HANGUL LETTER YO-YAE  
3189 HANGUL LETTER YO-I  
318A HANGUL LETTER YU-YEO  
318B HANGUL LETTER YU-YE  
318C HANGUL LETTER YU-I  
318D HANGUL LETTER ARAEA  
318E HANGUL LETTER ARAEAE  
3190 IDEOGRAPHIC ANNOTATION LINKING MARK (Kanbun Tateten)  
3191 IDEOGRAPHIC ANNOTATION REVERSE MARK (Kaeriten)  
3192 IDEOGRAPHIC ANNOTATION ONE MARK (Kaeriten)  
3193 IDEOGRAPHIC ANNOTATION TWO MARK (Kaeriten)  
3194 IDEOGRAPHIC ANNOTATION THREE MARK (Kaeriten)

3195 IDEOGRAPHIC ANNOTATION FOUR MARK (Kaeriten)  
3196 IDEOGRAPHIC ANNOTATION TOP MARK (Kaeriten)  
3197 IDEOGRAPHIC ANNOTATION MIDDLE MARK (Kaeriten)  
3198 IDEOGRAPHIC ANNOTATION BOTTOM MARK (Kaeriten)  
3199 IDEOGRAPHIC ANNOTATION FIRST MARK (Kaeriten)  
319A IDEOGRAPHIC ANNOTATION SECOND MARK (Kaeriten)  
319B IDEOGRAPHIC ANNOTATION THIRD MARK (Kaeriten)  
319C IDEOGRAPHIC ANNOTATION FOURTH MARK (Kaeriten)  
319D IDEOGRAPHIC ANNOTATION HEAVEN MARK (Kaeriten)  
319E IDEOGRAPHIC ANNOTATION EARTH MARK (Kaeriten)  
319F IDEOGRAPHIC ANNOTATION MAN MARK (Kaeriten)  
3200 PARENTHESESIZED HANGUL KIYEOK  
3201 PARENTHESESIZED HANGUL NIEUN  
3202 PARENTHESESIZED HANGUL TIKEUT  
3203 PARENTHESESIZED HANGUL RIEUL  
3204 PARENTHESESIZED HANGUL MIEUM  
3205 PARENTHESESIZED HANGUL PIEUP  
3206 PARENTHESESIZED HANGUL SIOS  
3207 PARENTHESESIZED HANGUL IEUNG  
3208 PARENTHESESIZED HANGUL CIEUC  
3209 PARENTHESESIZED HANGUL CHIEUCH  
320A PARENTHESESIZED HANGUL KHIEUKH  
320B PARENTHESESIZED HANGUL THIEUTH  
320C PARENTHESESIZED HANGUL PHIEUPH  
320D PARENTHESESIZED HANGUL HIEUH  
320E PARENTHESESIZED HANGUL KIYEOK A  
320F PARENTHESESIZED HANGUL NIEUN A  
3210 PARENTHESESIZED HANGUL TIKEUT A  
3211 PARENTHESESIZED HANGUL RIEUL A  
3212 PARENTHESESIZED HANGUL MIEUM A  
3213 PARENTHESESIZED HANGUL PIEUP A  
3214 PARENTHESESIZED HANGUL SIOS A  
3215 PARENTHESESIZED HANGUL IEUNG A  
3216 PARENTHESESIZED HANGUL CIEUC A  
3217 PARENTHESESIZED HANGUL CHIEUCH A  
3218 PARENTHESESIZED HANGUL KHIEUKH A  
3219 PARENTHESESIZED HANGUL THIEUTH A  
321A PARENTHESESIZED HANGUL PHIEUPH A  
321B PARENTHESESIZED HANGUL HIEUH A  
321C PARENTHESESIZED HANGUL CIEUC U  
3220 PARENTHESESIZED IDEOGRAPH ONE  
3221 PARENTHESESIZED IDEOGRAPH TWO  
3222 PARENTHESESIZED IDEOGRAPH THREE  
3223 PARENTHESESIZED IDEOGRAPH FOUR  
3224 PARENTHESESIZED IDEOGRAPH FIVE  
3225 PARENTHESESIZED IDEOGRAPH SIX  
3226 PARENTHESESIZED IDEOGRAPH SEVEN  
3227 PARENTHESESIZED IDEOGRAPH EIGHT  
3228 PARENTHESESIZED IDEOGRAPH NINE  
3229 PARENTHESESIZED IDEOGRAPH TEN  
322A PARENTHESESIZED IDEOGRAPH MOON  
322B PARENTHESESIZED IDEOGRAPH FIRE  
322C PARENTHESESIZED IDEOGRAPH WATER  
322D PARENTHESESIZED IDEOGRAPH WOOD  
322E PARENTHESESIZED IDEOGRAPH METAL  
322F PARENTHESESIZED IDEOGRAPH EARTH  
3230 PARENTHESESIZED IDEOGRAPH SUN  
3231 PARENTHESESIZED IDEOGRAPH STOCK  
3232 PARENTHESESIZED IDEOGRAPH HAVE  
3233 PARENTHESESIZED IDEOGRAPH SOCIETY  
3234 PARENTHESESIZED IDEOGRAPH NAME

3235 PARENTHESES IDEOGRAPH SPECIAL  
3236 PARENTHESES IDEOGRAPH FINANCIAL  
3237 PARENTHESES IDEOGRAPH CONGRATULATION  
3238 PARENTHESES IDEOGRAPH LABOR  
3239 PARENTHESES IDEOGRAPH REPRESENT  
323A PARENTHESES IDEOGRAPH CALL  
323B PARENTHESES IDEOGRAPH STUDY  
323C PARENTHESES IDEOGRAPH SUPERVISE  
323D PARENTHESES IDEOGRAPH ENTERPRISE  
323E PARENTHESES IDEOGRAPH RESOURCE  
323F PARENTHESES IDEOGRAPH ALLIANCE  
3240 PARENTHESES IDEOGRAPH FESTIVAL  
3241 PARENTHESES IDEOGRAPH REST  
3242 PARENTHESES IDEOGRAPH SELF  
3243 PARENTHESES IDEOGRAPH REACH  
3260 CIRCLED HANGUL KIYEOK  
3261 CIRCLED HANGUL NIEUN  
3262 CIRCLED HANGUL TIKEUT  
3263 CIRCLED HANGUL RIEUL  
3264 CIRCLED HANGUL MIEUM  
3265 CIRCLED HANGUL PIEUP  
3266 CIRCLED HANGUL SIOS  
3267 CIRCLED HANGUL IEUNG  
3268 CIRCLED HANGUL CIEUC  
3269 CIRCLED HANGUL CHIEUCH  
326A CIRCLED HANGUL KHIEUKH  
326B CIRCLED HANGUL THIEUTH  
326C CIRCLED HANGUL PHIEUPH  
326D CIRCLED HANGUL HIEUH  
326E CIRCLED HANGUL KIYEOK A  
326F CIRCLED HANGUL NIEUN A  
3270 CIRCLED HANGUL TIKEUT A  
3271 CIRCLED HANGUL RIEUL A  
3272 CIRCLED HANGUL MIEUM A  
3273 CIRCLED HANGUL PIEUP A  
3274 CIRCLED HANGUL SIOS A  
3275 CIRCLED HANGUL IEUNG A  
3276 CIRCLED HANGUL CIEUC A  
3277 CIRCLED HANGUL CHIEUCH A  
3278 CIRCLED HANGUL KHIEUKH A  
3279 CIRCLED HANGUL THIEUTH A  
327A CIRCLED HANGUL PHIEUPH A  
327B CIRCLED HANGUL HIEUH A  
327F KOREAN STANDARD SYMBOL  
3280 CIRCLED IDEOGRAPH ONE  
3281 CIRCLED IDEOGRAPH TWO  
3282 CIRCLED IDEOGRAPH THREE  
3283 CIRCLED IDEOGRAPH FOUR  
3284 CIRCLED IDEOGRAPH FIVE  
3285 CIRCLED IDEOGRAPH SIX  
3286 CIRCLED IDEOGRAPH SEVEN  
3287 CIRCLED IDEOGRAPH EIGHT  
3288 CIRCLED IDEOGRAPH NINE  
3289 CIRCLED IDEOGRAPH TEN  
328A CIRCLED IDEOGRAPH MOON  
328B CIRCLED IDEOGRAPH FIRE  
328C CIRCLED IDEOGRAPH WATER  
328D CIRCLED IDEOGRAPH WOOD  
328E CIRCLED IDEOGRAPH METAL  
328F CIRCLED IDEOGRAPH EARTH  
3290 CIRCLED IDEOGRAPH SUN

3291 CIRCLED IDEOGRAPH STOCK  
3292 CIRCLED IDEOGRAPH HAVE  
3293 CIRCLED IDEOGRAPH SOCIETY  
3294 CIRCLED IDEOGRAPH NAME  
3295 CIRCLED IDEOGRAPH SPECIAL  
3296 CIRCLED IDEOGRAPH FINANCIAL  
3297 CIRCLED IDEOGRAPH CONGRATULATION  
3298 CIRCLED IDEOGRAPH LABOR  
3299 CIRCLED IDEOGRAPH SECRET  
329A CIRCLED IDEOGRAPH MALE  
329B CIRCLED IDEOGRAPH FEMALE  
329C CIRCLED IDEOGRAPH SUITABLE  
329D CIRCLED IDEOGRAPH EXCELLENT  
329E CIRCLED IDEOGRAPH PRINT  
329F CIRCLED IDEOGRAPH ATTENTION  
32A0 CIRCLED IDEOGRAPH ITEM  
32A1 CIRCLED IDEOGRAPH REST  
32A2 CIRCLED IDEOGRAPH COPY  
32A3 CIRCLED IDEOGRAPH CORRECT  
32A4 CIRCLED IDEOGRAPH HIGH  
32A5 CIRCLED IDEOGRAPH CENTRE  
32A6 CIRCLED IDEOGRAPH LOW  
32A7 CIRCLED IDEOGRAPH LEFT  
32A8 CIRCLED IDEOGRAPH RIGHT  
32A9 CIRCLED IDEOGRAPH MEDICINE  
32AA CIRCLED IDEOGRAPH RELIGION  
32AB CIRCLED IDEOGRAPH STUDY  
32AC CIRCLED IDEOGRAPH SUPERVISE  
32AD CIRCLED IDEOGRAPH ENTERPRISE  
32AE CIRCLED IDEOGRAPH RESOURCE  
32AF CIRCLED IDEOGRAPH ALLIANCE  
32B0 CIRCLED IDEOGRAPH NIGHT  
32C0 IDEOGRAPHIC TELEGRAPH SYMBOL FOR JANUARY  
32C1 IDEOGRAPHIC TELEGRAPH SYMBOL FOR FEBRUARY  
32C2 IDEOGRAPHIC TELEGRAPH SYMBOL FOR MARCH  
32C3 IDEOGRAPHIC TELEGRAPH SYMBOL FOR APRIL  
32C4 IDEOGRAPHIC TELEGRAPH SYMBOL FOR MAY  
32C5 IDEOGRAPHIC TELEGRAPH SYMBOL FOR JUNE  
32C6 IDEOGRAPHIC TELEGRAPH SYMBOL FOR JULY  
32C7 IDEOGRAPHIC TELEGRAPH SYMBOL FOR AUGUST  
32C8 IDEOGRAPHIC TELEGRAPH SYMBOL FOR SEPTEMBER  
32C9 IDEOGRAPHIC TELEGRAPH SYMBOL FOR OCTOBER  
32CA IDEOGRAPHIC TELEGRAPH SYMBOL FOR NOVEMBER  
32CB IDEOGRAPHIC TELEGRAPH SYMBOL FOR DECEMBER  
32D0 CIRCLED KATAKANA A  
32D1 CIRCLED KATAKANA I  
32D2 CIRCLED KATAKANA U  
32D3 CIRCLED KATAKANA E  
32D4 CIRCLED KATAKANA O  
32D5 CIRCLED KATAKANA KA  
32D6 CIRCLED KATAKANA KI  
32D7 CIRCLED KATAKANA KU  
32D8 CIRCLED KATAKANA KE  
32D9 CIRCLED KATAKANA KO  
32DA CIRCLED KATAKANA SA  
32DB CIRCLED KATAKANA SI  
32DC CIRCLED KATAKANA SU  
32DD CIRCLED KATAKANA SE  
32DE CIRCLED KATAKANA SO  
32DF CIRCLED KATAKANA TA  
32E0 CIRCLED KATAKANA TI

32E1 CIRCLED KATAKANA TU  
32E2 CIRCLED KATAKANA TE  
32E3 CIRCLED KATAKANA TO  
32E4 CIRCLED KATAKANA NA  
32E5 CIRCLED KATAKANA NI  
32E6 CIRCLED KATAKANA NU  
32E7 CIRCLED KATAKANA NE  
32E8 CIRCLED KATAKANA NO  
32E9 CIRCLED KATAKANA HA  
32EA CIRCLED KATAKANA HI  
32EB CIRCLED KATAKANA HU  
32EC CIRCLED KATAKANA HE  
32ED CIRCLED KATAKANA HO  
32EE CIRCLED KATAKANA MA  
32EF CIRCLED KATAKANA MI  
32F0 CIRCLED KATAKANA MU  
32F1 CIRCLED KATAKANA ME  
32F2 CIRCLED KATAKANA MO  
32F3 CIRCLED KATAKANA YA  
32F4 CIRCLED KATAKANA YU  
32F5 CIRCLED KATAKANA YO  
32F6 CIRCLED KATAKANA RA  
32F7 CIRCLED KATAKANA RI  
32F8 CIRCLED KATAKANA RU  
32F9 CIRCLED KATAKANA RE  
32FA CIRCLED KATAKANA RO  
32FB CIRCLED KATAKANA WA  
32FC CIRCLED KATAKANA WI  
32FD CIRCLED KATAKANA WE  
32FE CIRCLED KATAKANA WO  
3300 SQUARE APAATO  
3301 SQUARE ARUHUA  
3302 SQUARE ANPEA  
3303 SQUARE AARU  
3304 SQUARE ININGU  
3305 SQUARE INTI  
3306 SQUARE UON  
3307 SQUARE ESUKUUDO  
3308 SQUARE EEKAA  
3309 SQUARE ONSU  
330A SQUARE OOMU  
330B SQUARE KAIRI  
330C SQUARE KARATTO  
330D SQUARE KARORII  
330E SQUARE GARON  
330F SQUARE GANMA  
3310 SQUARE GIGA  
3311 SQUARE GINII  
3312 SQUARE KYURII  
3313 SQUARE GIRUDAA  
3314 SQUARE KIRO  
3315 SQUARE KIROGURAMU  
3316 SQUARE KIROMEETORU  
3317 SQUARE KIROWATTO  
3318 SQUARE GURAMU  
3319 SQUARE GURAMUTON  
331A SQUARE KURUZEIRO  
331B SQUARE KUROONE  
331C SQUARE KEESU  
331D SQUARE KORUNA  
331E SQUARE KOOPO

331F SQUARE SAIKURU  
3320 SQUARE SANTIIMU  
3321 SQUARE SIRINGU  
3322 SQUARE SENTI  
3323 SQUARE SENTO  
3324 SQUARE DAASU  
3325 SQUARE DESI  
3326 SQUARE DORU  
3327 SQUARE TON  
3328 SQUARE NANO  
3329 SQUARE NOTTO  
332A SQUARE HAITU  
332B SQUARE PAASENTO  
332C SQUARE PAATU  
332D SQUARE BAARERU  
332E SQUARE PIASUTORU  
332F SQUARE PIKURU  
3330 SQUARE PIKO  
3331 SQUARE BIRU  
3332 SQUARE HUARADDO  
3333 SQUARE HUIITO  
3334 SQUARE BUSSYERU  
3335 SQUARE HURAN  
3336 SQUARE HEKUTAARU  
3337 SQUARE PESO  
3338 SQUARE PENIHI  
3339 SQUARE HERUTU  
333A SQUARE PENSU  
333B SQUARE PEEZI  
333C SQUARE BEETA  
333D SQUARE POINTO  
333E SQUARE BORUTO  
333F SQUARE HON  
3340 SQUARE PONDO  
3341 SQUARE HOORU  
3342 SQUARE HOON  
3343 SQUARE MAIKURO  
3344 SQUARE MAIRU  
3345 SQUARE MAHHA  
3346 SQUARE MARUKU  
3347 SQUARE MANSYON  
3348 SQUARE MIKURON  
3349 SQUARE MIRI  
334A SQUARE MIRIBAARU  
334B SQUARE MEGA  
334C SQUARE MEGATON  
334D SQUARE MEETORU  
334E SQUARE YAADO  
334F SQUARE YAARU  
3350 SQUARE YUAN  
3351 SQUARE RITTORU  
3352 SQUARE RIRA  
3353 SQUARE RUPII  
3354 SQUARE RUUBURU  
3355 SQUARE REMU  
3356 SQUARE RENTOGEN  
3357 SQUARE WATTO  
3358 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ZERO  
3359 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ONE  
335A IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWO  
335B IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR THREE

335C IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FOUR  
335D IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FIVE  
335E IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SIX  
335F IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SEVEN  
3360 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR EIGHT  
3361 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR NINE  
3362 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TEN  
3363 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR ELEVEN  
3364 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWELVE  
3365 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR THIRTEEN  
3366 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FOURTEEN  
3367 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR FIFTEEN  
3368 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SIXTEEN  
3369 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR SEVENTEEN  
336A IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR EIGHTEEN  
336B IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR NINETEEN  
336C IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY  
336D IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-ONE  
336E IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-TWO  
336F IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-THREE  
3370 IDEOGRAPHIC TELEGRAPH SYMBOL FOR HOUR TWENTY-FOUR  
3371 SQUARE HPA  
3372 SQUARE DA  
3373 SQUARE AU  
3374 SQUARE BAR  
3375 SQUARE OV  
3376 SQUARE PC  
337B SQUARE ERA NAME HEISEI  
337C SQUARE ERA NAME SYOUWA  
337D SQUARE ERA NAME TAISYOU  
337E SQUARE ERA NAME MEIZI  
337F SQUARE CORPORATION  
3380 SQUARE PA AMPS  
3381 SQUARE NA  
3382 SQUARE MU A  
3383 SQUARE MA  
3384 SQUARE KA  
3385 SQUARE KB  
3386 SQUARE MB  
3387 SQUARE GB  
3388 SQUARE CAL  
3389 SQUARE KCAL  
338A SQUARE PF  
338B SQUARE NF  
338C SQUARE MU F  
338D SQUARE MU G  
338E SQUARE MG  
338F SQUARE KG  
3390 SQUARE HZ  
3391 SQUARE KHZ  
3392 SQUARE MHZ  
3393 SQUARE GHZ  
3394 SQUARE THZ  
3395 SQUARE MU L  
3396 SQUARE ML  
3397 SQUARE DL  
3398 SQUARE KL  
3399 SQUARE FM  
339A SQUARE NM  
339B SQUARE MU M  
339C SQUARE MM



339D SQUARE CM  
339E SQUARE KM  
339F SQUARE MM SQUARED  
33A0 SQUARE CM SQUARED  
33A1 SQUARE M SQUARED  
33A2 SQUARE KM SQUARED  
33A3 SQUARE MM CUBED  
33A4 SQUARE CM CUBED  
33A5 SQUARE M CUBED  
33A6 SQUARE KM CUBED  
33A7 SQUARE M OVER S  
33A8 SQUARE M OVER S SQUARED  
33A9 SQUARE PA  
33AA SQUARE KPA  
33AB SQUARE MPA  
33AC SQUARE GPA  
33AD SQUARE RAD  
33AE SQUARE RAD OVER S  
33AF SQUARE RAD OVER S SQUARED  
33B0 SQUARE PS  
33B1 SQUARE NS  
33B2 SQUARE MU S  
33B3 SQUARE MS  
33B4 SQUARE PV  
33B5 SQUARE NV  
33B6 SQUARE MU V  
33B7 SQUARE MV  
33B8 SQUARE KV  
33B9 SQUARE MV MEGA  
33BA SQUARE PW  
33BB SQUARE NW  
33BC SQUARE MU W  
33BD SQUARE MW  
33BE SQUARE KW  
33BF SQUARE MW MEGA  
33C0 SQUARE K OHM  
33C1 SQUARE M OHM  
33C2 SQUARE AM  
33C3 SQUARE BQ  
33C4 SQUARE CC  
33C5 SQUARE CD  
33C6 SQUARE C OVER KG  
33C7 SQUARE CO  
33C8 SQUARE DB  
33C9 SQUARE GY  
33CA SQUARE HA  
33CB SQUARE HP  
33CC SQUARE IN  
33CD SQUARE KK  
33CE SQUARE KM CAPITAL  
33CF SQUARE KT  
33D0 SQUARE LM  
33D1 SQUARE LN  
33D2 SQUARE LOG  
33D3 SQUARE LX  
33D4 SQUARE MB SMALL  
33D5 SQUARE MIL  
33D6 SQUARE MOL  
33D7 SQUARE PH  
33D8 SQUARE PM  
33D9 SQUARE PPM

33DA SQUARE PR  
33DB SQUARE SR  
33DC SQUARE SV  
33DD SQUARE WB  
33E0 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY ONE  
33E1 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWO  
33E2 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THREE  
33E3 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FOUR  
33E4 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FIVE  
33E5 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SIX  
33E6 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SEVEN  
33E7 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY EIGHT  
33E8 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY NINE  
33E9 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TEN  
33EA IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY ELEVEN  
33EB IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWELVE  
33EC IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTEEN  
33ED IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FOURTEEN  
33EE IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY FIFTEEN  
33EF IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SIXTEEN  
33F0 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY SEVENTEEN  
33F1 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY EIGHTEEN  
33F2 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY NINETEEN  
33F3 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY  
33F4 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-ONE  
33F5 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-TWO  
33F6 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-THREE  
33F7 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-FOUR  
33F8 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-FIVE  
33F9 IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-SIX  
33FA IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-SEVEN  
33FB IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-EIGHT  
33FC IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY TWENTY-NINE  
33FD IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTY  
33FE IDEOGRAPHIC TELEGRAPH SYMBOL FOR DAY THIRTY-ONE  
FB00 LATIN SMALL LIGATURE FF  
FB01 LATIN SMALL LIGATURE FI  
FB02 LATIN SMALL LIGATURE FL  
FB03 LATIN SMALL LIGATURE FFI  
FB04 LATIN SMALL LIGATURE FFL  
FB05 LATIN SMALL LIGATURE LONG S T  
FB06 LATIN SMALL LIGATURE ST  
FB13 ARMENIAN SMALL LIGATURE MEN NOW  
FB14 ARMENIAN SMALL LIGATURE MEN ECH  
FB15 ARMENIAN SMALL LIGATURE MEN INI  
FB16 ARMENIAN SMALL LIGATURE VEW NOW  
FB17 ARMENIAN SMALL LIGATURE MEN XEH  
FB1E HEBREW POINT JUDEO-SPANISH VARİKA  
FB1F HEBREW LIGATURE YIDDISH YOD YOD PATAH  
FB20 HEBREW LETTER ALTERNATIVE AYIN  
FB21 HEBREW LETTER WIDE ALEF  
FB22 HEBREW LETTER WIDE DALET  
FB23 HEBREW LETTER WIDE HE  
FB24 HEBREW LETTER WIDE KAF  
FB25 HEBREW LETTER WIDE LAMED  
FB26 HEBREW LETTER WIDE FINAL MEM  
FB27 HEBREW LETTER WIDE RESH  
FB28 HEBREW LETTER WIDE TAV  
FB29 HEBREW LETTER ALTERNATIVE PLUS SIGN  
FB2A HEBREW LETTER SHIN WITH SHIN DOT  
FB2B HEBREW LETTER SHIN WITH SIN DOT

FB2C HEBREW LETTER SHIN WITH DAGESH AND SHIN DOT  
FB2D HEBREW LETTER SHIN WITH DAGESH AND SIN DOT  
FB2E HEBREW LETTER ALEF WITH PATAH  
FB2F HEBREW LETTER ALEF WITH QAMATS  
FB30 HEBREW LETTER ALEF WITH MAPIQ  
FB31 HEBREW LETTER BET WITH DAGESH  
FB32 HEBREW LETTER GIMEL WITH DAGESH  
FB33 HEBREW LETTER DALET WITH DAGESH  
FB34 HEBREW LETTER HE WITH MAPIQ  
FB35 HEBREW LETTER VAV WITH DAGESH  
FB36 HEBREW LETTER ZAYIN WITH DAGESH  
FB38 HEBREW LETTER TET WITH DAGESH  
FB39 HEBREW LETTER YOD WITH DAGESH  
FB3A HEBREW LETTER FINAL KAF WITH DAGESH  
FB3B HEBREW LETTER KAF WITH DAGESH  
FB3C HEBREW LETTER LAMED WITH DAGESH  
FB3E HEBREW LETTER MEM WITH DAGESH  
FB40 HEBREW LETTER NUN WITH DAGESH  
FB41 HEBREW LETTER SAMEKH WITH DAGESH  
FB43 HEBREW LETTER FINAL PE WITH DAGESH  
FB44 HEBREW LETTER PE WITH DAGESH  
FB46 HEBREW LETTER TSADI WITH DAGESH  
FB47 HEBREW LETTER QOF WITH DAGESH  
FB48 HEBREW LETTER RESH WITH DAGESH  
FB49 HEBREW LETTER SHIN WITH DAGESH  
FB4A HEBREW LETTER TAV WITH DAGESH  
FB4B HEBREW LETTER VAV WITH HOLAM  
FB4C HEBREW LETTER BET WITH RAPE  
FB4D HEBREW LETTER KAF WITH RAPE  
FB4E HEBREW LETTER PE WITH RAPE  
FB4F HEBREW LIGATURE ALEF LAMED  
FB50 ARABIC LETTER ALEF WASLA ISOLATED FORM  
FB51 ARABIC LETTER ALEF WASLA FINAL FORM  
FB52 ARABIC LETTER BEEH ISOLATED FORM  
FB53 ARABIC LETTER BEEH FINAL FORM  
FB54 ARABIC LETTER BEEH INITIAL FORM  
FB55 ARABIC LETTER BEEH MEDIAL FORM  
FB56 ARABIC LETTER PEH ISOLATED FORM  
FB57 ARABIC LETTER PEH FINAL FORM  
FB58 ARABIC LETTER PEH INITIAL FORM  
FB59 ARABIC LETTER PEH MEDIAL FORM  
FB5A ARABIC LETTER BEHEH ISOLATED FORM  
FB5B ARABIC LETTER BEHEH FINAL FORM  
FB5C ARABIC LETTER BEHEH INITIAL FORM  
FB5D ARABIC LETTER BEHEH MEDIAL FORM  
FB5E ARABIC LETTER TTEHEH ISOLATED FORM  
FB5F ARABIC LETTER TTEHEH FINAL FORM  
FB60 ARABIC LETTER TTEHEH INITIAL FORM  
FB61 ARABIC LETTER TTEHEH MEDIAL FORM  
FB62 ARABIC LETTER TEHEH ISOLATED FORM  
FB63 ARABIC LETTER TEHEH FINAL FORM  
FB64 ARABIC LETTER TEHEH INITIAL FORM  
FB65 ARABIC LETTER TEHEH MEDIAL FORM  
FB66 ARABIC LETTER TTEH ISOLATED FORM  
FB67 ARABIC LETTER TTEH FINAL FORM  
FB68 ARABIC LETTER TTEH INITIAL FORM  
FB69 ARABIC LETTER TTEH MEDIAL FORM  
FB6A ARABIC LETTER VEH ISOLATED FORM  
FB6B ARABIC LETTER VEH FINAL FORM  
FB6C ARABIC LETTER VEH INITIAL FORM  
FB6D ARABIC LETTER VEH MEDIAL FORM

FB6E ARABIC LETTER PEHEH ISOLATED FORM  
FB6F ARABIC LETTER PEHEH FINAL FORM  
FB70 ARABIC LETTER PEHEH INITIAL FORM  
FB71 ARABIC LETTER PEHEH MEDIAL FORM  
FB72 ARABIC LETTER DYEH ISOLATED FORM  
FB73 ARABIC LETTER DYEH FINAL FORM  
FB74 ARABIC LETTER DYEH INITIAL FORM  
FB75 ARABIC LETTER DYEH MEDIAL FORM  
FB76 ARABIC LETTER NYEH ISOLATED FORM  
FB77 ARABIC LETTER NYEH FINAL FORM  
FB78 ARABIC LETTER NYEH INITIAL FORM  
FB79 ARABIC LETTER NYEH MEDIAL FORM  
FB7A ARABIC LETTER TCHEH ISOLATED FORM  
FB7B ARABIC LETTER TCHEH FINAL FORM  
FB7C ARABIC LETTER TCHEH INITIAL FORM  
FB7D ARABIC LETTER TCHEH MEDIAL FORM  
FB7E ARABIC LETTER TCHEHEH ISOLATED FORM  
FB7F ARABIC LETTER TCHEHEH FINAL FORM  
FB80 ARABIC LETTER TCHEHEH INITIAL FORM  
FB81 ARABIC LETTER TCHEHEH MEDIAL FORM  
FB82 ARABIC LETTER DDAHAL ISOLATED FORM  
FB83 ARABIC LETTER DDAHAL FINAL FORM  
FB84 ARABIC LETTER DAHAL ISOLATED FORM  
FB85 ARABIC LETTER DAHAL FINAL FORM  
FB86 ARABIC LETTER DUL ISOLATED FORM  
FB87 ARABIC LETTER DUL FINAL FORM  
FB88 ARABIC LETTER DDAL ISOLATED FORM  
FB89 ARABIC LETTER DDAL FINAL FORM  
FB8A ARABIC LETTER JEH ISOLATED FORM  
FB8B ARABIC LETTER JEH FINAL FORM  
FB8C ARABIC LETTER RREH ISOLATED FORM  
FB8D ARABIC LETTER RREH FINAL FORM  
FB8E ARABIC LETTER KEHEH ISOLATED FORM  
FB8F ARABIC LETTER KEHEH FINAL FORM  
FB90 ARABIC LETTER KEHEH INITIAL FORM  
FB91 ARABIC LETTER KEHEH MEDIAL FORM  
FB92 ARABIC LETTER GAF ISOLATED FORM  
FB93 ARABIC LETTER GAF FINAL FORM  
FB94 ARABIC LETTER GAF INITIAL FORM  
FB95 ARABIC LETTER GAF MEDIAL FORM  
FB96 ARABIC LETTER GUEH ISOLATED FORM  
FB97 ARABIC LETTER GUEH FINAL FORM  
FB98 ARABIC LETTER GUEH INITIAL FORM  
FB99 ARABIC LETTER GUEH MEDIAL FORM  
FB9A ARABIC LETTER NGOEH ISOLATED FORM  
FB9B ARABIC LETTER NGOEH FINAL FORM  
FB9C ARABIC LETTER NGOEH INITIAL FORM  
FB9D ARABIC LETTER NGOEH MEDIAL FORM  
FB9E ARABIC LETTER NOON GHUNNA ISOLATED FORM  
FB9F ARABIC LETTER NOON GHUNNA FINAL FORM  
FBA0 ARABIC LETTER RNOON ISOLATED FORM  
FBA1 ARABIC LETTER RNOON FINAL FORM  
FBA2 ARABIC LETTER RNOON INITIAL FORM  
FBA3 ARABIC LETTER RNOON MEDIAL FORM  
FBA4 ARABIC LETTER HEH WITH YEH ABOVE ISOLATED FORM  
FBA5 ARABIC LETTER HEH WITH YEH ABOVE FINAL FORM  
FBA6 ARABIC LETTER HEH GOAL ISOLATED FORM  
FBA7 ARABIC LETTER HEH GOAL FINAL FORM  
FBA8 ARABIC LETTER HEH GOAL INITIAL FORM  
FBA9 ARABIC LETTER HEH GOAL MEDIAL FORM  
FBAA ARABIC LETTER HEH DOACHASHMEE ISOLATED FORM

FBAB ARABIC LETTER HEH DOACHASHMEE FINAL FORM  
 FBAC ARABIC LETTER HEH DOACHASHMEE INITIAL FORM  
 FBAD ARABIC LETTER HEH DOACHASHMEE MEDIAL FORM  
 FBAE ARABIC LETTER YEH BARREE ISOLATED FORM  
 FBAF ARABIC LETTER YEH BARREE FINAL FORM  
 FBB0 ARABIC LETTER YEH BARREE WITH HAMZA ABOVE ISOLATED FORM  
 FBB1 ARABIC LETTER YEH BARREE WITH HAMZA ABOVE FINAL FORM  
 FBD3 ARABIC LETTER NG ISOLATED FORM  
 FBD4 ARABIC LETTER NG FINAL FORM  
 FBD5 ARABIC LETTER NG INITIAL FORM  
 FBD6 ARABIC LETTER NG MEDIAL FORM  
 FBD7 ARABIC LETTER U ISOLATED FORM  
 FBD8 ARABIC LETTER U FINAL FORM  
 FBD9 ARABIC LETTER OE ISOLATED FORM  
 FBDA ARABIC LETTER OE FINAL FORM  
 FBDB ARABIC LETTER YU ISOLATED FORM  
 FBDC ARABIC LETTER YU FINAL FORM  
 FBDD ARABIC LETTER U WITH HAMZA ABOVE ISOLATED FORM  
 FBDE ARABIC LETTER VE ISOLATED FORM  
 FBDF ARABIC LETTER VE FINAL FORM  
 FBE0 ARABIC LETTER KIRGHIZ OE ISOLATED FORM  
 FBE1 ARABIC LETTER KIRGHIZ OE FINAL FORM  
 FBE2 ARABIC LETTER KIRGHIZ YU ISOLATED FORM  
 FBE3 ARABIC LETTER KIRGHIZ YU FINAL FORM  
 FBE4 ARABIC LETTER E ISOLATED FORM  
 FBE5 ARABIC LETTER E FINAL FORM  
 FBE6 ARABIC LETTER E INITIAL FORM  
 FBE7 ARABIC LETTER E MEDIAL FORM  
 FBE8 ARABIC LETTER UIGHUR KAZAKH KIRGHIZ ALEF MAKSURA INITIAL FORM  
 FBE9 ARABIC LETTER UIGHUR KAZAKH KIRGHIZ ALEF MAKSURA MEDIAL FORM  
 FBEA ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF ISOLATED FORM  
 FBEB ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF FINAL FORM  
 FBEC ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH AE ISOLATED FORM  
 FBED ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH AE FINAL FORM  
 FBEE ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH WAW ISOLATED FORM  
 FBEF ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH WAW FINAL FORM  
 FBF0 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH U ISOLATED FORM  
 FBF1 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH U FINAL FORM  
 FBF2 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH OE ISOLATED FORM  
 FBF3 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH OE FINAL FORM  
 FBF4 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YU ISOLATED FORM  
 FBF5 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YU FINAL FORM  
 FBF6 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E ISOLATED FORM  
 FBF7 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E FINAL FORM  
 FBF8 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH E INITIAL FORM  
 FBF9 ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA  
 ISOLATED FORM  
 FBFA ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA  
 FINAL FORM  
 FBFB ARABIC LIGATURE UIGHUR KIRGHIZ YEH WITH HAMZA ABOVE WITH ALEF MAKSURA  
 INITIAL FORM  
 FBFC ARABIC LETTER FARSI YEH ISOLATED FORM  
 FBFD ARABIC LETTER FARSI YEH FINAL FORM  
 FBFE ARABIC LETTER FARSI YEH INITIAL FORM  
 FBFF ARABIC LETTER FARSI YEH MEDIAL FORM  
 FC00 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH JEEM ISOLATED FORM  
 FC01 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HAH ISOLATED FORM  
 FC02 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM ISOLATED FORM  
 FC03 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA ISOLATED FORM  
 FC04 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YEH ISOLATED FORM  
 FC05 ARABIC LIGATURE BEH WITH JEEM ISOLATED FORM

FC06 ARABIC LIGATURE BEH WITH HAH ISOLATED FORM  
FC07 ARABIC LIGATURE BEH WITH KHAH ISOLATED FORM  
FC08 ARABIC LIGATURE BEH WITH MEEM ISOLATED FORM  
FC09 ARABIC LIGATURE BEH WITH ALEF MAKSURA ISOLATED FORM  
FC0A ARABIC LIGATURE BEH WITH YEH ISOLATED FORM  
FC0B ARABIC LIGATURE TEH WITH JEEM ISOLATED FORM  
FC0C ARABIC LIGATURE TEH WITH HAH ISOLATED FORM  
FC0D ARABIC LIGATURE TEH WITH KHAH ISOLATED FORM  
FC0E ARABIC LIGATURE TEH WITH MEEM ISOLATED FORM  
FC0F ARABIC LIGATURE TEH WITH ALEF MAKSURA ISOLATED FORM  
FC10 ARABIC LIGATURE TEH WITH YEH ISOLATED FORM  
FC11 ARABIC LIGATURE THEH WITH JEEM ISOLATED FORM  
FC12 ARABIC LIGATURE THEH WITH MEEM ISOLATED FORM  
FC13 ARABIC LIGATURE THEH WITH ALEF MAKSURA ISOLATED FORM  
FC14 ARABIC LIGATURE THEH WITH YEH ISOLATED FORM  
FC15 ARABIC LIGATURE JEEM WITH HAH ISOLATED FORM  
FC16 ARABIC LIGATURE JEEM WITH MEEM ISOLATED FORM  
FC17 ARABIC LIGATURE HAH WITH JEEM ISOLATED FORM  
FC18 ARABIC LIGATURE HAH WITH MEEM ISOLATED FORM  
FC19 ARABIC LIGATURE KHAH WITH JEEM ISOLATED FORM  
FC1A ARABIC LIGATURE KHAH WITH HAH ISOLATED FORM  
FC1B ARABIC LIGATURE KHAH WITH MEEM ISOLATED FORM  
FC1C ARABIC LIGATURE SEEN WITH JEEM ISOLATED FORM  
FC1D ARABIC LIGATURE SEEN WITH HAH ISOLATED FORM  
FC1E ARABIC LIGATURE SEEN WITH KHAH ISOLATED FORM  
FC1F ARABIC LIGATURE SEEN WITH MEEM ISOLATED FORM  
FC20 ARABIC LIGATURE SAD WITH HAH ISOLATED FORM  
FC21 ARABIC LIGATURE SAD WITH MEEM ISOLATED FORM  
FC22 ARABIC LIGATURE DAD WITH JEEM ISOLATED FORM  
FC23 ARABIC LIGATURE DAD WITH HAH ISOLATED FORM  
FC24 ARABIC LIGATURE DAD WITH KHAH ISOLATED FORM  
FC25 ARABIC LIGATURE DAD WITH MEEM ISOLATED FORM  
FC26 ARABIC LIGATURE TAH WITH HAH ISOLATED FORM  
FC27 ARABIC LIGATURE TAH WITH MEEM ISOLATED FORM  
FC28 ARABIC LIGATURE ZAH WITH MEEM ISOLATED FORM  
FC29 ARABIC LIGATURE AIN WITH JEEM ISOLATED FORM  
FC2A ARABIC LIGATURE AIN WITH MEEM ISOLATED FORM  
FC2B ARABIC LIGATURE GHAIN WITH JEEM ISOLATED FORM  
FC2C ARABIC LIGATURE GHAIN WITH MEEM ISOLATED FORM  
FC2D ARABIC LIGATURE FEH WITH JEEM ISOLATED FORM  
FC2E ARABIC LIGATURE FEH WITH HAH ISOLATED FORM  
FC2F ARABIC LIGATURE FEH WITH KHAH ISOLATED FORM  
FC30 ARABIC LIGATURE FEH WITH MEEM ISOLATED FORM  
FC31 ARABIC LIGATURE FEH WITH ALEF MAKSURA ISOLATED FORM  
FC32 ARABIC LIGATURE FEH WITH YEH ISOLATED FORM  
FC33 ARABIC LIGATURE QAF WITH HAH ISOLATED FORM  
FC34 ARABIC LIGATURE QAF WITH MEEM ISOLATED FORM  
FC35 ARABIC LIGATURE QAF WITH ALEF MAKSURA ISOLATED FORM  
FC36 ARABIC LIGATURE QAF WITH YEH ISOLATED FORM  
FC37 ARABIC LIGATURE KAF WITH ALEF ISOLATED FORM  
FC38 ARABIC LIGATURE KAF WITH JEEM ISOLATED FORM  
FC39 ARABIC LIGATURE KAF WITH HAH ISOLATED FORM  
FC3A ARABIC LIGATURE KAF WITH KHAH ISOLATED FORM  
FC3B ARABIC LIGATURE KAF WITH LAM ISOLATED FORM  
FC3C ARABIC LIGATURE KAF WITH MEEM ISOLATED FORM  
FC3D ARABIC LIGATURE KAF WITH ALEF MAKSURA ISOLATED FORM  
FC3E ARABIC LIGATURE KAF WITH YEH ISOLATED FORM  
FC3F ARABIC LIGATURE LAM WITH JEEM ISOLATED FORM  
FC40 ARABIC LIGATURE LAM WITH HAH ISOLATED FORM  
FC41 ARABIC LIGATURE LAM WITH KHAH ISOLATED FORM  
FC42 ARABIC LIGATURE LAM WITH MEEM ISOLATED FORM

FC43 ARABIC LIGATURE LAM WITH ALEF MAKSURA ISOLATED FORM  
FC44 ARABIC LIGATURE LAM WITH YEH ISOLATED FORM  
FC45 ARABIC LIGATURE MEEM WITH JEEM ISOLATED FORM  
FC46 ARABIC LIGATURE MEEM WITH HAH ISOLATED FORM  
FC47 ARABIC LIGATURE MEEM WITH KHAH ISOLATED FORM  
FC48 ARABIC LIGATURE MEEM WITH MEEM ISOLATED FORM  
FC49 ARABIC LIGATURE MEEM WITH ALEF MAKSURA ISOLATED FORM  
FC4A ARABIC LIGATURE MEEM WITH YEH ISOLATED FORM  
FC4B ARABIC LIGATURE NOON WITH JEEM ISOLATED FORM  
FC4C ARABIC LIGATURE NOON WITH HAH ISOLATED FORM  
FC4D ARABIC LIGATURE NOON WITH KHAH ISOLATED FORM  
FC4E ARABIC LIGATURE NOON WITH MEEM ISOLATED FORM  
FC4F ARABIC LIGATURE NOON WITH ALEF MAKSURA ISOLATED FORM  
FC50 ARABIC LIGATURE NOON WITH YEH ISOLATED FORM  
FC51 ARABIC LIGATURE HEH WITH JEEM ISOLATED FORM  
FC52 ARABIC LIGATURE HEH WITH MEEM ISOLATED FORM  
FC53 ARABIC LIGATURE HEH WITH ALEF MAKSURA ISOLATED FORM  
FC54 ARABIC LIGATURE HEH WITH YEH ISOLATED FORM  
FC55 ARABIC LIGATURE YEH WITH JEEM ISOLATED FORM  
FC56 ARABIC LIGATURE YEH WITH HAH ISOLATED FORM  
FC57 ARABIC LIGATURE YEH WITH KHAH ISOLATED FORM  
FC58 ARABIC LIGATURE YEH WITH MEEM ISOLATED FORM  
FC59 ARABIC LIGATURE YEH WITH ALEF MAKSURA ISOLATED FORM  
FC5A ARABIC LIGATURE YEH WITH YEH ISOLATED FORM  
FC5B ARABIC LIGATURE THAL WITH SUPERSCRIP<sup>T</sup> ALEF ISOLATED FORM  
FC5C ARABIC LIGATURE REH WITH SUPERSCRIP<sup>T</sup> ALEF ISOLATED FORM  
FC5D ARABIC LIGATURE ALEF MAKSURA WITH SUPERSCRIP<sup>T</sup> ALEF ISOLATED FORM  
FC5E ARABIC LIGATURE SHADDA WITH DAMMATAN ISOLATED FORM  
FC5F ARABIC LIGATURE SHADDA WITH KASRATAN ISOLATED FORM  
FC60 ARABIC LIGATURE SHADDA WITH FATHA ISOLATED FORM  
FC61 ARABIC LIGATURE SHADDA WITH DAMMA ISOLATED FORM  
FC62 ARABIC LIGATURE SHADDA WITH KASRA ISOLATED FORM  
FC63 ARABIC LIGATURE SHADDA WITH SUPERSCRIP<sup>T</sup> ALEF ISOLATED FORM  
FC64 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH REH FINAL FORM  
FC65 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ZAIN FINAL FORM  
FC66 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM FINAL FORM  
FC67 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH NOON FINAL FORM  
FC68 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA FINAL FORM  
FC69 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YEH FINAL FORM  
FC6A ARABIC LIGATURE BEH WITH REH FINAL FORM  
FC6B ARABIC LIGATURE BEH WITH ZAIN FINAL FORM  
FC6C ARABIC LIGATURE BEH WITH MEEM FINAL FORM  
FC6D ARABIC LIGATURE BEH WITH NOON FINAL FORM  
FC6E ARABIC LIGATURE BEH WITH ALEF MAKSURA FINAL FORM  
FC6F ARABIC LIGATURE BEH WITH YEH FINAL FORM  
FC70 ARABIC LIGATURE TEH WITH REH FINAL FORM  
FC71 ARABIC LIGATURE TEH WITH ZAIN FINAL FORM  
FC72 ARABIC LIGATURE TEH WITH MEEM FINAL FORM  
FC73 ARABIC LIGATURE TEH WITH NOON FINAL FORM  
FC74 ARABIC LIGATURE TEH WITH ALEF MAKSURA FINAL FORM  
FC75 ARABIC LIGATURE TEH WITH YEH FINAL FORM  
FC76 ARABIC LIGATURE THEH WITH REH FINAL FORM  
FC77 ARABIC LIGATURE THEH WITH ZAIN FINAL FORM  
FC78 ARABIC LIGATURE THEH WITH MEEM FINAL FORM  
FC79 ARABIC LIGATURE THEH WITH NOON FINAL FORM  
FC7A ARABIC LIGATURE THEH WITH ALEF MAKSURA FINAL FORM  
FC7B ARABIC LIGATURE THEH WITH YEH FINAL FORM  
FC7C ARABIC LIGATURE FEH WITH ALEF MAKSURA FINAL FORM  
FC7D ARABIC LIGATURE FEH WITH YEH FINAL FORM  
FC7E ARABIC LIGATURE QAF WITH ALEF MAKSURA FINAL FORM  
FC7F ARABIC LIGATURE QAF WITH YEH FINAL FORM

FC80 ARABIC LIGATURE KAF WITH ALEF FINAL FORM  
FC81 ARABIC LIGATURE KAF WITH LAM FINAL FORM  
FC82 ARABIC LIGATURE KAF WITH MEEM FINAL FORM  
FC83 ARABIC LIGATURE KAF WITH ALEF MAKSURA FINAL FORM  
FC84 ARABIC LIGATURE KAF WITH YEH FINAL FORM  
FC85 ARABIC LIGATURE LAM WITH MEEM FINAL FORM  
FC86 ARABIC LIGATURE LAM WITH ALEF MAKSURA FINAL FORM  
FC87 ARABIC LIGATURE LAM WITH YEH FINAL FORM  
FC88 ARABIC LIGATURE MEEM WITH ALEF FINAL FORM  
FC89 ARABIC LIGATURE MEEM WITH MEEM FINAL FORM  
FC8A ARABIC LIGATURE NOON WITH REH FINAL FORM  
FC8B ARABIC LIGATURE NOON WITH ZAIN FINAL FORM  
FC8C ARABIC LIGATURE NOON WITH MEEM FINAL FORM  
FC8D ARABIC LIGATURE NOON WITH NOON FINAL FORM  
FC8E ARABIC LIGATURE NOON WITH ALEF MAKSURA FINAL FORM  
FC8F ARABIC LIGATURE NOON WITH YEH FINAL FORM  
FC90 ARABIC LIGATURE ALEF MAKSURA WITH SUPERScript ALEF FINAL FORM  
FC91 ARABIC LIGATURE YEH WITH REH FINAL FORM  
FC92 ARABIC LIGATURE YEH WITH ZAIN FINAL FORM  
FC93 ARABIC LIGATURE YEH WITH MEEM FINAL FORM  
FC94 ARABIC LIGATURE YEH WITH NOON FINAL FORM  
FC95 ARABIC LIGATURE YEH WITH ALEF MAKSURA FINAL FORM  
FC96 ARABIC LIGATURE YEH WITH YEH FINAL FORM  
FC97 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH JEEM INITIAL FORM  
FC98 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HAH INITIAL FORM  
FC99 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH KHAH INITIAL FORM  
FC9A ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM INITIAL FORM  
FC9B ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HEH INITIAL FORM  
FC9C ARABIC LIGATURE BEH WITH JEEM INITIAL FORM  
FC9D ARABIC LIGATURE BEH WITH HAH INITIAL FORM  
FC9E ARABIC LIGATURE BEH WITH KHAH INITIAL FORM  
FC9F ARABIC LIGATURE BEH WITH MEEM INITIAL FORM  
FCA0 ARABIC LIGATURE BEH WITH HEH INITIAL FORM  
FCA1 ARABIC LIGATURE TEH WITH JEEM INITIAL FORM  
FCA2 ARABIC LIGATURE TEH WITH HAH INITIAL FORM  
FCA3 ARABIC LIGATURE TEH WITH KHAH INITIAL FORM  
FCA4 ARABIC LIGATURE TEH WITH MEEM INITIAL FORM  
FCA5 ARABIC LIGATURE TEH WITH HEH INITIAL FORM  
FCA6 ARABIC LIGATURE THEH WITH MEEM INITIAL FORM  
FCA7 ARABIC LIGATURE JEEM WITH HAH INITIAL FORM  
FCA8 ARABIC LIGATURE JEEM WITH MEEM INITIAL FORM  
FCA9 ARABIC LIGATURE HAH WITH JEEM INITIAL FORM  
FCAA ARABIC LIGATURE HAH WITH MEEM INITIAL FORM  
FCAB ARABIC LIGATURE KHAH WITH JEEM INITIAL FORM  
FCAC ARABIC LIGATURE KHAH WITH MEEM INITIAL FORM  
FCAD ARABIC LIGATURE SEEN WITH JEEM INITIAL FORM  
FCAE ARABIC LIGATURE SEEN WITH HAH INITIAL FORM  
FCAF ARABIC LIGATURE SEEN WITH KHAH INITIAL FORM  
FCB0 ARABIC LIGATURE SEEN WITH MEEM INITIAL FORM  
FCB1 ARABIC LIGATURE SAD WITH HAH INITIAL FORM  
FCB2 ARABIC LIGATURE SAD WITH KHAH INITIAL FORM  
FCB3 ARABIC LIGATURE SAD WITH MEEM INITIAL FORM  
FCB4 ARABIC LIGATURE DAD WITH JEEM INITIAL FORM  
FCB5 ARABIC LIGATURE DAD WITH HAH INITIAL FORM  
FCB6 ARABIC LIGATURE DAD WITH KHAH INITIAL FORM  
FCB7 ARABIC LIGATURE DAD WITH MEEM INITIAL FORM  
FCB8 ARABIC LIGATURE TAH WITH HAH INITIAL FORM  
FCB9 ARABIC LIGATURE ZAH WITH MEEM INITIAL FORM  
FCBA ARABIC LIGATURE AIN WITH JEEM INITIAL FORM  
FCBB ARABIC LIGATURE AIN WITH MEEM INITIAL FORM  
FCBC ARABIC LIGATURE GHAIN WITH JEEM INITIAL FORM



FCBD ARABIC LIGATURE GHAIN WITH MEEM INITIAL FORM  
FCBE ARABIC LIGATURE FEH WITH JEEM INITIAL FORM  
FCBF ARABIC LIGATURE FEH WITH HAH INITIAL FORM  
FCC0 ARABIC LIGATURE FEH WITH KHAH INITIAL FORM  
FCC1 ARABIC LIGATURE FEH WITH MEEM INITIAL FORM  
FCC2 ARABIC LIGATURE QAF WITH HAH INITIAL FORM  
FCC3 ARABIC LIGATURE QAF WITH MEEM INITIAL FORM  
FCC4 ARABIC LIGATURE KAF WITH JEEM INITIAL FORM  
FCC5 ARABIC LIGATURE KAF WITH HAH INITIAL FORM  
FCC6 ARABIC LIGATURE KAF WITH KHAH INITIAL FORM  
FCC7 ARABIC LIGATURE KAF WITH LAM INITIAL FORM  
FCC8 ARABIC LIGATURE KAF WITH MEEM INITIAL FORM  
FCC9 ARABIC LIGATURE LAM WITH JEEM INITIAL FORM  
FCCA ARABIC LIGATURE LAM WITH HAH INITIAL FORM  
FCCB ARABIC LIGATURE LAM WITH KHAH INITIAL FORM  
FCCC ARABIC LIGATURE LAM WITH MEEM INITIAL FORM  
FCCD ARABIC LIGATURE LAM WITH HEH INITIAL FORM  
FCCE ARABIC LIGATURE MEEM WITH JEEM INITIAL FORM  
FCCF ARABIC LIGATURE MEEM WITH HAH INITIAL FORM  
FCD0 ARABIC LIGATURE MEEM WITH KHAH INITIAL FORM  
FCD1 ARABIC LIGATURE MEEM WITH MEEM INITIAL FORM  
FCD2 ARABIC LIGATURE NOON WITH JEEM INITIAL FORM  
FCD3 ARABIC LIGATURE NOON WITH HAH INITIAL FORM  
FCD4 ARABIC LIGATURE NOON WITH KHAH INITIAL FORM  
FCD5 ARABIC LIGATURE NOON WITH MEEM INITIAL FORM  
FCD6 ARABIC LIGATURE NOON WITH HEH INITIAL FORM  
FCD7 ARABIC LIGATURE HEH WITH JEEM INITIAL FORM  
FCD8 ARABIC LIGATURE HEH WITH MEEM INITIAL FORM  
FCD9 ARABIC LIGATURE HEH WITH SUPERSCRIPT ALEF INITIAL FORM  
FCDA ARABIC LIGATURE YEH WITH JEEM INITIAL FORM  
FCDB ARABIC LIGATURE YEH WITH HAH INITIAL FORM  
FCDC ARABIC LIGATURE YEH WITH KHAH INITIAL FORM  
FCDD ARABIC LIGATURE YEH WITH MEEM INITIAL FORM  
FCDE ARABIC LIGATURE YEH WITH HEH INITIAL FORM  
FCDF ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM MEDIAL FORM  
FCE0 ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HEH MEDIAL FORM  
FCE1 ARABIC LIGATURE BEH WITH MEEM MEDIAL FORM  
FCE2 ARABIC LIGATURE BEH WITH HEH MEDIAL FORM  
FCE3 ARABIC LIGATURE TEH WITH MEEM MEDIAL FORM  
FCE4 ARABIC LIGATURE TEH WITH HEH MEDIAL FORM  
FCE5 ARABIC LIGATURE THEH WITH MEEM MEDIAL FORM  
FCE6 ARABIC LIGATURE THEH WITH HEH MEDIAL FORM  
FCE7 ARABIC LIGATURE SEEN WITH MEEM MEDIAL FORM  
FCE8 ARABIC LIGATURE SEEN WITH HEH MEDIAL FORM  
FCE9 ARABIC LIGATURE SHEEN WITH MEEM MEDIAL FORM  
FCEA ARABIC LIGATURE SHEEN WITH HEH MEDIAL FORM  
FCEB ARABIC LIGATURE KAF WITH LAM MEDIAL FORM  
FCEC ARABIC LIGATURE KAF WITH MEEM MEDIAL FORM  
FCED ARABIC LIGATURE LAM WITH MEEM MEDIAL FORM  
FCEE ARABIC LIGATURE NOON WITH MEEM MEDIAL FORM  
FCEF ARABIC LIGATURE NOON WITH HEH MEDIAL FORM  
FCF0 ARABIC LIGATURE YEH WITH MEEM MEDIAL FORM  
FCF1 ARABIC LIGATURE YEH WITH HEH MEDIAL FORM  
FCF2 ARABIC LIGATURE SHADDA WITH FATHA MEDIAL FORM  
FCF3 ARABIC LIGATURE SHADDA WITH DAMMA MEDIAL FORM  
FCF4 ARABIC LIGATURE SHADDA WITH KASRA MEDIAL FORM  
FCF5 ARABIC LIGATURE TAH WITH ALEF MAKSURA ISOLATED FORM  
FCF6 ARABIC LIGATURE TAH WITH YEH ISOLATED FORM  
FCF7 ARABIC LIGATURE AIN WITH ALEF MAKSURA ISOLATED FORM  
FCF8 ARABIC LIGATURE AIN WITH YEH ISOLATED FORM  
FCF9 ARABIC LIGATURE GHAIN WITH ALEF MAKSURA ISOLATED FORM

FCFA ARABIC LIGATURE GHAIN WITH YEH ISOLATED FORM  
FCFB ARABIC LIGATURE SEEN WITH ALEF MAKSURA ISOLATED FORM  
FCFC ARABIC LIGATURE SEEN WITH YEH ISOLATED FORM  
FCFD ARABIC LIGATURE SHEEN WITH ALEF MAKSURA ISOLATED FORM  
FCFE ARABIC LIGATURE SHEEN WITH YEH ISOLATED FORM  
FCFF ARABIC LIGATURE HAH WITH ALEF MAKSURA ISOLATED FORM  
FD00 ARABIC LIGATURE HAH WITH YEH ISOLATED FORM  
FD01 ARABIC LIGATURE JEEM WITH ALEF MAKSURA ISOLATED FORM  
FD02 ARABIC LIGATURE JEEM WITH YEH ISOLATED FORM  
FD03 ARABIC LIGATURE KHAH WITH ALEF MAKSURA ISOLATED FORM  
FD04 ARABIC LIGATURE KHAH WITH YEH ISOLATED FORM  
FD05 ARABIC LIGATURE SAD WITH ALEF MAKSURA ISOLATED FORM  
FD06 ARABIC LIGATURE SAD WITH YEH ISOLATED FORM  
FD07 ARABIC LIGATURE DAD WITH ALEF MAKSURA ISOLATED FORM  
FD08 ARABIC LIGATURE DAD WITH YEH ISOLATED FORM  
FD09 ARABIC LIGATURE SHEEN WITH JEEM ISOLATED FORM  
FD0A ARABIC LIGATURE SHEEN WITH HAH ISOLATED FORM  
FD0B ARABIC LIGATURE SHEEN WITH KHAH ISOLATED FORM  
FD0C ARABIC LIGATURE SHEEN WITH MEEM ISOLATED FORM  
FD0D ARABIC LIGATURE SHEEN WITH REH ISOLATED FORM  
FD0E ARABIC LIGATURE SEEN WITH REH ISOLATED FORM  
FD0F ARABIC LIGATURE SAD WITH REH ISOLATED FORM  
FD10 ARABIC LIGATURE DAD WITH REH ISOLATED FORM  
FD11 ARABIC LIGATURE TAH WITH ALEF MAKSURA FINAL FORM  
FD12 ARABIC LIGATURE TAH WITH YEH FINAL FORM  
FD13 ARABIC LIGATURE AIN WITH ALEF MAKSURA FINAL FORM  
FD14 ARABIC LIGATURE AIN WITH YEH FINAL FORM  
FD15 ARABIC LIGATURE GHAIN WITH ALEF MAKSURA FINAL FORM  
FD16 ARABIC LIGATURE GHAIN WITH YEH FINAL FORM  
FD17 ARABIC LIGATURE SEEN WITH ALEF MAKSURA FINAL FORM  
FD18 ARABIC LIGATURE SEEN WITH YEH FINAL FORM  
FD19 ARABIC LIGATURE SHEEN WITH ALEF MAKSURA FINAL FORM  
FD1A ARABIC LIGATURE SHEEN WITH YEH FINAL FORM  
FD1B ARABIC LIGATURE HAH WITH ALEF MAKSURA FINAL FORM  
FD1C ARABIC LIGATURE HAH WITH YEH FINAL FORM  
FD1D ARABIC LIGATURE JEEM WITH ALEF MAKSURA FINAL FORM  
FD1E ARABIC LIGATURE JEEM WITH YEH FINAL FORM  
FD1F ARABIC LIGATURE KHAH WITH ALEF MAKSURA FINAL FORM  
FD20 ARABIC LIGATURE KHAH WITH YEH FINAL FORM  
FD21 ARABIC LIGATURE SAD WITH ALEF MAKSURA FINAL FORM  
FD22 ARABIC LIGATURE SAD WITH YEH FINAL FORM  
FD23 ARABIC LIGATURE DAD WITH ALEF MAKSURA FINAL FORM  
FD24 ARABIC LIGATURE DAD WITH YEH FINAL FORM  
FD25 ARABIC LIGATURE SHEEN WITH JEEM FINAL FORM  
FD26 ARABIC LIGATURE SHEEN WITH HAH FINAL FORM  
FD27 ARABIC LIGATURE SHEEN WITH KHAH FINAL FORM  
FD28 ARABIC LIGATURE SHEEN WITH MEEM FINAL FORM  
FD29 ARABIC LIGATURE SHEEN WITH REH FINAL FORM  
FD2A ARABIC LIGATURE SEEN WITH REH FINAL FORM  
FD2B ARABIC LIGATURE SAD WITH REH FINAL FORM  
FD2C ARABIC LIGATURE DAD WITH REH FINAL FORM  
FD2D ARABIC LIGATURE SHEEN WITH JEEM INITIAL FORM  
FD2E ARABIC LIGATURE SHEEN WITH HAH INITIAL FORM  
FD2F ARABIC LIGATURE SHEEN WITH KHAH INITIAL FORM  
FD30 ARABIC LIGATURE SHEEN WITH MEEM INITIAL FORM  
FD31 ARABIC LIGATURE SEEN WITH HEH INITIAL FORM  
FD32 ARABIC LIGATURE SHEEN WITH HEH INITIAL FORM  
FD33 ARABIC LIGATURE TAH WITH MEEM INITIAL FORM  
FD34 ARABIC LIGATURE SEEN WITH JEEM MEDIAL FORM  
FD35 ARABIC LIGATURE SEEN WITH HAH MEDIAL FORM  
FD36 ARABIC LIGATURE SEEN WITH KHAH MEDIAL FORM

FD37 ARABIC LIGATURE SHEEN WITH JEEM MEDIAL FORM  
FD38 ARABIC LIGATURE SHEEN WITH HAH MEDIAL FORM  
FD39 ARABIC LIGATURE SHEEN WITH KHAH MEDIAL FORM  
FD3A ARABIC LIGATURE TAH WITH MEEM MEDIAL FORM  
FD3B ARABIC LIGATURE ZAH WITH MEEM MEDIAL FORM  
FD3C ARABIC LIGATURE ALEF WITH FATHATAN FINAL FORM  
FD3D ARABIC LIGATURE ALEF WITH FATHATAN ISOLATED FORM  
FD3E ORNATE LEFT PARENTHESIS  
FD3F ORNATE RIGHT PARENTHESIS  
FD50 ARABIC LIGATURE TEH WITH JEEM WITH MEEM INITIAL FORM  
FD51 ARABIC LIGATURE TEH WITH HAH WITH JEEM FINAL FORM  
FD52 ARABIC LIGATURE TEH WITH HAH WITH JEEM INITIAL FORM  
FD53 ARABIC LIGATURE TEH WITH HAH WITH MEEM INITIAL FORM  
FD54 ARABIC LIGATURE TEH WITH KHAH WITH MEEM INITIAL FORM  
FD55 ARABIC LIGATURE TEH WITH MEEM WITH JEEM INITIAL FORM  
FD56 ARABIC LIGATURE TEH WITH MEEM WITH HAH INITIAL FORM  
FD57 ARABIC LIGATURE TEH WITH MEEM WITH KHAH INITIAL FORM  
FD58 ARABIC LIGATURE JEEM WITH MEEM WITH HAH FINAL FORM  
FD59 ARABIC LIGATURE JEEM WITH MEEM WITH HAH INITIAL FORM  
FD5A ARABIC LIGATURE HAH WITH MEEM WITH YEH FINAL FORM  
FD5B ARABIC LIGATURE HAH WITH MEEM WITH ALEF MAKSURA FINAL FORM  
FD5C ARABIC LIGATURE SEEN WITH HAH WITH JEEM INITIAL FORM  
FD5D ARABIC LIGATURE SEEN WITH JEEM WITH HAH INITIAL FORM  
FD5E ARABIC LIGATURE SEEN WITH JEEM WITH ALEF MAKSURA FINAL FORM  
FD5F ARABIC LIGATURE SEEN WITH MEEM WITH HAH FINAL FORM  
FD60 ARABIC LIGATURE SEEN WITH MEEM WITH HAH INITIAL FORM  
FD61 ARABIC LIGATURE SEEN WITH MEEM WITH JEEM INITIAL FORM  
FD62 ARABIC LIGATURE SEEN WITH MEEM WITH MEEM FINAL FORM  
FD63 ARABIC LIGATURE SEEN WITH MEEM WITH MEEM INITIAL FORM  
FD64 ARABIC LIGATURE SAD WITH HAH WITH HAH FINAL FORM  
FD65 ARABIC LIGATURE SAD WITH HAH WITH HAH INITIAL FORM  
FD66 ARABIC LIGATURE SAD WITH MEEM WITH MEEM FINAL FORM  
FD67 ARABIC LIGATURE SHEEN WITH HAH WITH MEEM FINAL FORM  
FD68 ARABIC LIGATURE SHEEN WITH HAH WITH MEEM INITIAL FORM  
FD69 ARABIC LIGATURE SHEEN WITH JEEM WITH YEH FINAL FORM  
FD6A ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH FINAL FORM  
FD6B ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH INITIAL FORM  
FD6C ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM FINAL FORM  
FD6D ARABIC LIGATURE SHEEN WITH MEEM WITH MEEM INITIAL FORM  
FD6E ARABIC LIGATURE DAD WITH HAH WITH ALEF MAKSURA FINAL FORM  
FD6F ARABIC LIGATURE DAD WITH KHAH WITH MEEM FINAL FORM  
FD70 ARABIC LIGATURE DAD WITH KHAH WITH MEEM INITIAL FORM  
FD71 ARABIC LIGATURE TAH WITH MEEM WITH HAH FINAL FORM  
FD72 ARABIC LIGATURE TAH WITH MEEM WITH HAH INITIAL FORM  
FD73 ARABIC LIGATURE TAH WITH MEEM WITH MEEM INITIAL FORM  
FD74 ARABIC LIGATURE TAH WITH MEEM WITH YEH FINAL FORM  
FD75 ARABIC LIGATURE AIN WITH JEEM WITH MEEM FINAL FORM  
FD76 ARABIC LIGATURE AIN WITH MEEM WITH MEEM FINAL FORM  
FD77 ARABIC LIGATURE AIN WITH MEEM WITH MEEM INITIAL FORM  
FD78 ARABIC LIGATURE AIN WITH MEEM WITH ALEF MAKSURA FINAL FORM  
FD79 ARABIC LIGATURE GHAIN WITH MEEM WITH MEEM FINAL FORM  
FD7A ARABIC LIGATURE GHAIN WITH MEEM WITH YEH FINAL FORM  
FD7B ARABIC LIGATURE GHAIN WITH MEEM WITH ALEF MAKSURA FINAL FORM  
FD7C ARABIC LIGATURE FEH WITH KHAH WITH MEEM FINAL FORM  
FD7D ARABIC LIGATURE FEH WITH KHAH WITH MEEM INITIAL FORM  
FD7E ARABIC LIGATURE QAF WITH MEEM WITH HAH FINAL FORM  
FD7F ARABIC LIGATURE QAF WITH MEEM WITH MEEM FINAL FORM  
FD80 ARABIC LIGATURE LAM WITH HAH WITH MEEM FINAL FORM  
FD81 ARABIC LIGATURE LAM WITH HAH WITH YEH FINAL FORM  
FD82 ARABIC LIGATURE LAM WITH HAH WITH ALEF MAKSURA FINAL FORM  
FD83 ARABIC LIGATURE LAM WITH JEEM WITH JEEM INITIAL FORM

FD84 ARABIC LIGATURE LAM WITH JEEM WITH JEEM FINAL FORM  
 FD85 ARABIC LIGATURE LAM WITH KHAH WITH MEEM FINAL FORM  
 FD86 ARABIC LIGATURE LAM WITH KHAH WITH MEEM INITIAL FORM  
 FD87 ARABIC LIGATURE LAM WITH MEEM WITH HAH FINAL FORM  
 FD88 ARABIC LIGATURE LAM WITH MEEM WITH HAH INITIAL FORM  
 FD89 ARABIC LIGATURE MEEM WITH HAH WITH JEEM INITIAL FORM  
 FD8A ARABIC LIGATURE MEEM WITH HAH WITH MEEM INITIAL FORM  
 FD8B ARABIC LIGATURE MEEM WITH HAH WITH YEH FINAL FORM  
 FD8C ARABIC LIGATURE MEEM WITH JEEM WITH HAH INITIAL FORM  
 FD8D ARABIC LIGATURE MEEM WITH JEEM WITH MEEM INITIAL FORM  
 FD8E ARABIC LIGATURE MEEM WITH KHAH WITH JEEM INITIAL FORM  
 FD8F ARABIC LIGATURE MEEM WITH KHAH WITH MEEM INITIAL FORM  
 FD92 ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INITIAL FORM  
 FD93 ARABIC LIGATURE HEH WITH MEEM WITH JEEM INITIAL FORM  
 FD94 ARABIC LIGATURE HEH WITH MEEM WITH MEEM INITIAL FORM  
 FD95 ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM  
 FD96 ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKSURA FINAL FORM  
 FD97 ARABIC LIGATURE NOON WITH JEEM WITH MEEM FINAL FORM  
 FD98 ARABIC LIGATURE NOON WITH JEEM WITH MEEM INITIAL FORM  
 FD99 ARABIC LIGATURE NOON WITH JEEM WITH ALEF MAKSURA FINAL FORM  
 FD9A ARABIC LIGATURE NOON WITH MEEM WITH YEH FINAL FORM  
 FD9B ARABIC LIGATURE NOON WITH MEEM WITH ALEF MAKSURA FINAL FORM  
 FD9C ARABIC LIGATURE YEH WITH MEEM WITH MEEM FINAL FORM  
 FD9D ARABIC LIGATURE YEH WITH MEEM WITH MEEM INITIAL FORM  
 FD9E ARABIC LIGATURE BEH WITH KHAH WITH YEH FINAL FORM  
 FD9F ARABIC LIGATURE TEH WITH JEEM WITH YEH FINAL FORM  
 FDA0 ARABIC LIGATURE TEH WITH JEEM WITH ALEF MAKSURA FINAL FORM  
 FDA1 ARABIC LIGATURE TEH WITH KHAH WITH YEH FINAL FORM  
 FDA2 ARABIC LIGATURE TEH WITH KHAH WITH ALEF MAKSURA FINAL FORM  
 FDA3 ARABIC LIGATURE TEH WITH MEEM WITH YEH FINAL FORM  
 FDA4 ARABIC LIGATURE TEH WITH MEEM WITH ALEF MAKSURA FINAL FORM  
 FDA5 ARABIC LIGATURE JEEM WITH MEEM WITH YEH FINAL FORM  
 FDA6 ARABIC LIGATURE JEEM WITH HAH WITH ALEF MAKSURA FINAL FORM  
 FDA7 ARABIC LIGATURE JEEM WITH MEEM WITH ALEF MAKSURA FINAL FORM  
 FDA8 ARABIC LIGATURE SEEN WITH KHAH WITH ALEF MAKSURA FINAL FORM  
 FDA9 ARABIC LIGATURE SAD WITH HAH WITH YEH FINAL FORM  
 FDAA ARABIC LIGATURE SHEEN WITH HAH WITH YEH FINAL FORM  
 FDAB ARABIC LIGATURE DAD WITH HAH WITH YEH FINAL FORM  
 FDAC ARABIC LIGATURE LAM WITH JEEM WITH YEH FINAL FORM  
 FDAD ARABIC LIGATURE LAM WITH MEEM WITH YEH FINAL FORM  
 FDAE ARABIC LIGATURE YEH WITH HAH WITH YEH FINAL FORM  
 FDAF ARABIC LIGATURE YEH WITH JEEM WITH YEH FINAL FORM  
 FDB0 ARABIC LIGATURE YEH WITH MEEM WITH YEH FINAL FORM  
 FDB1 ARABIC LIGATURE MEEM WITH MEEM WITH YEH FINAL FORM  
 FDB2 ARABIC LIGATURE QAF WITH MEEM WITH YEH FINAL FORM  
 FDB3 ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM  
 FDB4 ARABIC LIGATURE QAF WITH MEEM WITH HAH INITIAL FORM  
 FDB5 ARABIC LIGATURE LAM WITH HAH WITH MEEM INITIAL FORM  
 FDB6 ARABIC LIGATURE AIN WITH MEEM WITH YEH FINAL FORM  
 FDB7 ARABIC LIGATURE KAF WITH MEEM WITH YEH FINAL FORM  
 FDB8 ARABIC LIGATURE NOON WITH JEEM WITH HAH INITIAL FORM  
 FDB9 ARABIC LIGATURE MEEM WITH KHAH WITH YEH FINAL FORM  
 FDBA ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM  
 FDBB ARABIC LIGATURE KAF WITH MEEM WITH MEEM FINAL FORM  
 FDBC ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM  
 FDBD ARABIC LIGATURE NOON WITH JEEM WITH HAH FINAL FORM  
 FDBE ARABIC LIGATURE JEEM WITH HAH WITH YEH FINAL FORM  
 FDBF ARABIC LIGATURE HAH WITH JEEM WITH YEH FINAL FORM  
 FDC0 ARABIC LIGATURE MEEM WITH JEEM WITH YEH FINAL FORM  
 FDC1 ARABIC LIGATURE FEH WITH MEEM WITH YEH FINAL FORM  
 FDC2 ARABIC LIGATURE BEH WITH HAH WITH YEH FINAL FORM

FDC3 ARABIC LIGATURE KAF WITH MEEM WITH MEEM INITIAL FORM  
FDC4 ARABIC LIGATURE AIN WITH JEEM WITH MEEM INITIAL FORM  
FDC5 ARABIC LIGATURE SAD WITH MEEM WITH MEEM INITIAL FORM  
FDC6 ARABIC LIGATURE SEEN WITH KHAH WITH YEH FINAL FORM  
FDC7 ARABIC LIGATURE NOON WITH JEEM WITH YEH FINAL FORM  
FDF0 ARABIC LIGATURE SALLA USED AS KORANIC STOP SIGN ISOLATED FORM  
FDF1 ARABIC LIGATURE QALA USED AS KORANIC STOP SIGN ISOLATED FORM  
FDF2 ARABIC LIGATURE ALLAH ISOLATED FORM  
FDF3 ARABIC LIGATURE AKBAR ISOLATED FORM  
FDF4 ARABIC LIGATURE MOHAMMAD ISOLATED FORM  
FDF5 ARABIC LIGATURE SALAM ISOLATED FORM  
FDF6 ARABIC LIGATURE RASOUL ISOLATED FORM  
FDF7 ARABIC LIGATURE ALAYHE ISOLATED FORM  
FDF8 ARABIC LIGATURE WASALLAM ISOLATED FORM  
FDF9 ARABIC LIGATURE SALLA ISOLATED FORM  
FDFa ARABIC LIGATURE SALLALLAHOU ALAYHE WASALLAM  
FDFb ARABIC LIGATURE JALLAJALALOUHOU  
FE20 COMBINING LIGATURE LEFT HALF  
FE21 COMBINING LIGATURE RIGHT HALF  
FE22 COMBINING DOUBLE TILDE LEFT HALF  
FE23 COMBINING DOUBLE TILDE RIGHT HALF  
FE30 PRESENTATION FORM FOR VERTICAL TWO DOT LEADER  
FE31 PRESENTATION FORM FOR VERTICAL EM DASH  
FE32 PRESENTATION FORM FOR VERTICAL EN DASH  
FE33 PRESENTATION FORM FOR VERTICAL LOW LINE  
FE34 PRESENTATION FORM FOR VERTICAL WAVY LOW LINE  
FE35 PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS  
FE36 PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS  
FE37 PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET  
FE38 PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET  
FE39 PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET  
FE3A PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET  
FE3B PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET  
FE3C PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET  
FE3D PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET  
FE3E PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET  
FE3F PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET  
FE40 PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET  
FE41 PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET  
FE42 PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET  
FE43 PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET  
FE44 PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET  
FE49 DASHED OVERLINE  
FE4A CENTRELINE OVERLINE  
FE4B WAVY OVERLINE  
FE4C DOUBLE WAVY OVERLINE  
FE4D DASHED LOW LINE  
FE4E CENTRELINE LOW LINE  
FE4F WAVY LOW LINE  
FE50 SMALL COMMA  
FE51 SMALL IDEOGRAPHIC COMMA  
FE52 SMALL FULL STOP  
FE54 SMALL SEMICOLON  
FE55 SMALL COLON  
FE56 SMALL QUESTION MARK  
FE57 SMALL EXCLAMATION MARK  
FE58 SMALL EM DASH  
FE59 SMALL LEFT PARENTHESIS  
FE5A SMALL RIGHT PARENTHESIS  
FE5B SMALL LEFT CURLY BRACKET  
FE5C SMALL RIGHT CURLY BRACKET

FE5D SMALL LEFT TORTOISE SHELL BRACKET  
FE5E SMALL RIGHT TORTOISE SHELL BRACKET  
FE5F SMALL NUMBER SIGN  
FE60 SMALL AMPERSAND  
FE61 SMALL ASTERISK  
FE62 SMALL PLUS SIGN  
FE63 SMALL HYPHEN-MINUS  
FE64 SMALL LESS-THAN SIGN  
FE65 SMALL GREATER-THAN SIGN  
FE66 SMALL EQUALS SIGN  
FE68 SMALL REVERSE SOLIDUS  
FE69 SMALL DOLLAR SIGN  
FE6A SMALL PERCENT SIGN  
FE6B SMALL COMMERCIAL AT  
FE70 ARABIC FATHATAN ISOLATED FORM  
FE71 ARABIC TATWEEL WITH FATHATAN ABOVE  
FE72 ARABIC DAMMATAN ISOLATED FORM  
FE74 ARABIC KASRATAN ISOLATED FORM  
FE76 ARABIC FATHA ISOLATED FORM  
FE77 ARABIC FATHA MEDIAL FORM  
FE78 ARABIC DAMMA ISOLATED FORM  
FE79 ARABIC DAMMA MEDIAL FORM  
FE7A ARABIC KASRA ISOLATED FORM  
FE7B ARABIC KASRA MEDIAL FORM  
FE7C ARABIC SHADDA ISOLATED FORM  
FE7D ARABIC SHADDA MEDIAL FORM  
FE7E ARABIC SUKUN ISOLATED FORM  
FE7F ARABIC SUKUN MEDIAL FORM  
FE80 ARABIC LETTER HAMZA ISOLATED FORM  
FE81 ARABIC LETTER ALEF WITH MADDA ABOVE ISOLATED FORM  
FE82 ARABIC LETTER ALEF WITH MADDA ABOVE FINAL FORM  
FE83 ARABIC LETTER ALEF WITH HAMZA ABOVE ISOLATED FORM  
FE84 ARABIC LETTER ALEF WITH HAMZA ABOVE FINAL FORM  
FE85 ARABIC LETTER WAW WITH HAMZA ABOVE ISOLATED FORM  
FE86 ARABIC LETTER WAW WITH HAMZA ABOVE FINAL FORM  
FE87 ARABIC LETTER ALEF WITH HAMZA BELOW ISOLATED FORM  
FE88 ARABIC LETTER ALEF WITH HAMZA BELOW FINAL FORM  
FE89 ARABIC LETTER YEH WITH HAMZA ABOVE ISOLATED FORM  
FE8A ARABIC LETTER YEH WITH HAMZA ABOVE FINAL FORM  
FE8B ARABIC LETTER YEH WITH HAMZA ABOVE INITIAL FORM  
FE8C ARABIC LETTER YEH WITH HAMZA ABOVE MEDIAL FORM  
FE8D ARABIC LETTER ALEF ISOLATED FORM  
FE8E ARABIC LETTER ALEF FINAL FORM  
FE8F ARABIC LETTER BEH ISOLATED FORM  
FE90 ARABIC LETTER BEH FINAL FORM  
FE91 ARABIC LETTER BEH INITIAL FORM  
FE92 ARABIC LETTER BEH MEDIAL FORM  
FE93 ARABIC LETTER TEH MARBUTA ISOLATED FORM  
FE94 ARABIC LETTER TEH MARBUTA FINAL FORM  
FE95 ARABIC LETTER TEH ISOLATED FORM  
FE96 ARABIC LETTER TEH FINAL FORM  
FE97 ARABIC LETTER TEH INITIAL FORM  
FE98 ARABIC LETTER TEH MEDIAL FORM  
FE99 ARABIC LETTER THEH ISOLATED FORM  
FE9A ARABIC LETTER THEH FINAL FORM  
FE9B ARABIC LETTER THEH INITIAL FORM  
FE9C ARABIC LETTER THEH MEDIAL FORM  
FE9D ARABIC LETTER JEEM ISOLATED FORM  
FE9E ARABIC LETTER JEEM FINAL FORM  
FE9F ARABIC LETTER JEEM INITIAL FORM  
FEA0 ARABIC LETTER JEEM MEDIAL FORM

FEA1 ARABIC LETTER HAH ISOLATED FORM  
FEA2 ARABIC LETTER HAH FINAL FORM  
FEA3 ARABIC LETTER HAH INITIAL FORM  
FEA4 ARABIC LETTER HAH MEDIAL FORM  
FEA5 ARABIC LETTER KHAH ISOLATED FORM  
FEA6 ARABIC LETTER KHAH FINAL FORM  
FEA7 ARABIC LETTER KHAH INITIAL FORM  
FEA8 ARABIC LETTER KHAH MEDIAL FORM  
FEA9 ARABIC LETTER DAL ISOLATED FORM  
FEAA ARABIC LETTER DAL FINAL FORM  
FEAB ARABIC LETTER THAL ISOLATED FORM  
FEAC ARABIC LETTER THAL FINAL FORM  
FEAD ARABIC LETTER REH ISOLATED FORM  
FEAE ARABIC LETTER REH FINAL FORM  
FEAF ARABIC LETTER ZAIN ISOLATED FORM  
FEB0 ARABIC LETTER ZAIN FINAL FORM  
FEB1 ARABIC LETTER SEEN ISOLATED FORM  
FEB2 ARABIC LETTER SEEN FINAL FORM  
FEB3 ARABIC LETTER SEEN INITIAL FORM  
FEB4 ARABIC LETTER SEEN MEDIAL FORM  
FEB5 ARABIC LETTER SHEEN ISOLATED FORM  
FEB6 ARABIC LETTER SHEEN FINAL FORM  
FEB7 ARABIC LETTER SHEEN INITIAL FORM  
FEB8 ARABIC LETTER SHEEN MEDIAL FORM  
FEB9 ARABIC LETTER SAD ISOLATED FORM  
FEBA ARABIC LETTER SAD FINAL FORM  
FEBB ARABIC LETTER SAD INITIAL FORM  
FEBC ARABIC LETTER SAD MEDIAL FORM  
FEBD ARABIC LETTER DAD ISOLATED FORM  
FEBE ARABIC LETTER DAD FINAL FORM  
FEBF ARABIC LETTER DAD INITIAL FORM  
FEC0 ARABIC LETTER DAD MEDIAL FORM  
FEC1 ARABIC LETTER TAH ISOLATED FORM  
FEC2 ARABIC LETTER TAH FINAL FORM  
FEC3 ARABIC LETTER TAH INITIAL FORM  
FEC4 ARABIC LETTER TAH MEDIAL FORM  
FEC5 ARABIC LETTER ZAH ISOLATED FORM  
FEC6 ARABIC LETTER ZAH FINAL FORM  
FEC7 ARABIC LETTER ZAH INITIAL FORM  
FEC8 ARABIC LETTER ZAH MEDIAL FORM  
FEC9 ARABIC LETTER AIN ISOLATED FORM  
FECA ARABIC LETTER AIN FINAL FORM  
FECB ARABIC LETTER AIN INITIAL FORM  
FECC ARABIC LETTER AIN MEDIAL FORM  
FECD ARABIC LETTER GHAIN ISOLATED FORM  
FECE ARABIC LETTER GHAIN FINAL FORM  
FECF ARABIC LETTER GHAIN INITIAL FORM  
FED0 ARABIC LETTER GHAIN MEDIAL FORM  
FED1 ARABIC LETTER FEH ISOLATED FORM  
FED2 ARABIC LETTER FEH FINAL FORM  
FED3 ARABIC LETTER FEH INITIAL FORM  
FED4 ARABIC LETTER FEH MEDIAL FORM  
FED5 ARABIC LETTER QAF ISOLATED FORM  
FED6 ARABIC LETTER QAF FINAL FORM  
FED7 ARABIC LETTER QAF INITIAL FORM  
FED8 ARABIC LETTER QAF MEDIAL FORM  
FED9 ARABIC LETTER KAF ISOLATED FORM  
FEDA ARABIC LETTER KAF FINAL FORM  
FEDB ARABIC LETTER KAF INITIAL FORM  
FEDC ARABIC LETTER KAF MEDIAL FORM  
FEDD ARABIC LETTER LAM ISOLATED FORM

FEDE ARABIC LETTER LAM FINAL FORM  
FEDF ARABIC LETTER LAM INITIAL FORM  
FEE0 ARABIC LETTER LAM MEDIAL FORM  
FEE1 ARABIC LETTER MEEM ISOLATED FORM  
FEE2 ARABIC LETTER MEEM FINAL FORM  
FEE3 ARABIC LETTER MEEM INITIAL FORM  
FEE4 ARABIC LETTER MEEM MEDIAL FORM  
FEE5 ARABIC LETTER NOON ISOLATED FORM  
FEE6 ARABIC LETTER NOON FINAL FORM  
FEE7 ARABIC LETTER NOON INITIAL FORM  
FEE8 ARABIC LETTER NOON MEDIAL FORM  
FEE9 ARABIC LETTER HEH ISOLATED FORM  
FEEA ARABIC LETTER HEH FINAL FORM  
FEEB ARABIC LETTER HEH INITIAL FORM  
FEEC ARABIC LETTER HEH MEDIAL FORM  
FEED ARABIC LETTER WAW ISOLATED FORM  
FEEE ARABIC LETTER WAW FINAL FORM  
FEFF ARABIC LETTER ALEF MAKSURA ISOLATED FORM  
FEF0 ARABIC LETTER ALEF MAKSURA FINAL FORM  
FEF1 ARABIC LETTER YEH ISOLATED FORM  
FEF2 ARABIC LETTER YEH FINAL FORM  
FEF3 ARABIC LETTER YEH INITIAL FORM  
FEF4 ARABIC LETTER YEH MEDIAL FORM  
FEF5 ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE ISOLATED FORM  
FEF6 ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE FINAL FORM  
FEF7 ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE ISOLATED FORM  
FEF8 ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE FINAL FORM  
FEF9 ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW ISOLATED FORM  
FEFA ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW FINAL FORM  
FEFB ARABIC LIGATURE LAM WITH ALEF ISOLATED FORM  
FEFC ARABIC LIGATURE LAM WITH ALEF FINAL FORM  
FEFF ZERO WIDTH NO-BREAK SPACE  
FF01 FULLWIDTH EXCLAMATION MARK  
FF02 FULLWIDTH QUOTATION MARK  
FF03 FULLWIDTH NUMBER SIGN  
FF04 FULLWIDTH DOLLAR SIGN  
FF05 FULLWIDTH PERCENT SIGN  
FF06 FULLWIDTH AMPERSAND  
FF07 FULLWIDTH APOSTROPHE  
FF08 FULLWIDTH LEFT PARENTHESIS  
FF09 FULLWIDTH RIGHT PARENTHESIS  
FF0A FULLWIDTH ASTERISK  
FF0B FULLWIDTH PLUS SIGN  
FF0C FULLWIDTH COMMA  
FF0D FULLWIDTH HYPHEN-MINUS  
FF0E FULLWIDTH FULL STOP  
FF0F FULLWIDTH SOLIDUS  
FF10 FULLWIDTH DIGIT ZERO  
FF11 FULLWIDTH DIGIT ONE  
FF12 FULLWIDTH DIGIT TWO  
FF13 FULLWIDTH DIGIT THREE  
FF14 FULLWIDTH DIGIT FOUR  
FF15 FULLWIDTH DIGIT FIVE  
FF16 FULLWIDTH DIGIT SIX  
FF17 FULLWIDTH DIGIT SEVEN  
FF18 FULLWIDTH DIGIT EIGHT  
FF19 FULLWIDTH DIGIT NINE  
FF1A FULLWIDTH COLON  
FF1B FULLWIDTH SEMICOLON  
FF1C FULLWIDTH LESS-THAN SIGN  
FF1D FULLWIDTH EQUALS SIGN



FF1E FULLWIDTH GREATER-THAN SIGN  
FF1F FULLWIDTH QUESTION MARK  
FF20 FULLWIDTH COMMERCIAL AT  
FF21 FULLWIDTH LATIN CAPITAL LETTER A  
FF22 FULLWIDTH LATIN CAPITAL LETTER B  
FF23 FULLWIDTH LATIN CAPITAL LETTER C  
FF24 FULLWIDTH LATIN CAPITAL LETTER D  
FF25 FULLWIDTH LATIN CAPITAL LETTER E  
FF26 FULLWIDTH LATIN CAPITAL LETTER F  
FF27 FULLWIDTH LATIN CAPITAL LETTER G  
FF28 FULLWIDTH LATIN CAPITAL LETTER H  
FF29 FULLWIDTH LATIN CAPITAL LETTER I  
FF2A FULLWIDTH LATIN CAPITAL LETTER J  
FF2B FULLWIDTH LATIN CAPITAL LETTER K  
FF2C FULLWIDTH LATIN CAPITAL LETTER L  
FF2D FULLWIDTH LATIN CAPITAL LETTER M  
FF2E FULLWIDTH LATIN CAPITAL LETTER N  
FF2F FULLWIDTH LATIN CAPITAL LETTER O  
FF30 FULLWIDTH LATIN CAPITAL LETTER P  
FF31 FULLWIDTH LATIN CAPITAL LETTER Q  
FF32 FULLWIDTH LATIN CAPITAL LETTER R  
FF33 FULLWIDTH LATIN CAPITAL LETTER S  
FF34 FULLWIDTH LATIN CAPITAL LETTER T  
FF35 FULLWIDTH LATIN CAPITAL LETTER U  
FF36 FULLWIDTH LATIN CAPITAL LETTER V  
FF37 FULLWIDTH LATIN CAPITAL LETTER W  
FF38 FULLWIDTH LATIN CAPITAL LETTER X  
FF39 FULLWIDTH LATIN CAPITAL LETTER Y  
FF3A FULLWIDTH LATIN CAPITAL LETTER Z  
FF3B FULLWIDTH LEFT SQUARE BRACKET  
FF3C FULLWIDTH REVERSE SOLIDUS  
FF3D FULLWIDTH RIGHT SQUARE BRACKET  
FF3E FULLWIDTH CIRCUMFLEX ACCENT  
FF3F FULLWIDTH LOW LINE  
FF40 FULLWIDTH GRAVE ACCENT  
FF41 FULLWIDTH LATIN SMALL LETTER A  
FF42 FULLWIDTH LATIN SMALL LETTER B  
FF43 FULLWIDTH LATIN SMALL LETTER C  
FF44 FULLWIDTH LATIN SMALL LETTER D  
FF45 FULLWIDTH LATIN SMALL LETTER E  
FF46 FULLWIDTH LATIN SMALL LETTER F  
FF47 FULLWIDTH LATIN SMALL LETTER G  
FF48 FULLWIDTH LATIN SMALL LETTER H  
FF49 FULLWIDTH LATIN SMALL LETTER I  
FF4A FULLWIDTH LATIN SMALL LETTER J  
FF4B FULLWIDTH LATIN SMALL LETTER K  
FF4C FULLWIDTH LATIN SMALL LETTER L  
FF4D FULLWIDTH LATIN SMALL LETTER M  
FF4E FULLWIDTH LATIN SMALL LETTER N  
FF4F FULLWIDTH LATIN SMALL LETTER O  
FF50 FULLWIDTH LATIN SMALL LETTER P  
FF51 FULLWIDTH LATIN SMALL LETTER Q  
FF52 FULLWIDTH LATIN SMALL LETTER R  
FF53 FULLWIDTH LATIN SMALL LETTER S  
FF54 FULLWIDTH LATIN SMALL LETTER T  
FF55 FULLWIDTH LATIN SMALL LETTER U  
FF56 FULLWIDTH LATIN SMALL LETTER V  
FF57 FULLWIDTH LATIN SMALL LETTER W  
FF58 FULLWIDTH LATIN SMALL LETTER X  
FF59 FULLWIDTH LATIN SMALL LETTER Y  
FF5A FULLWIDTH LATIN SMALL LETTER Z

FF5B FULLWIDTH LEFT CURLY BRACKET  
FF5C FULLWIDTH VERTICAL LINE  
FF5D FULLWIDTH RIGHT CURLY BRACKET  
FF5E FULLWIDTH TILDE  
FF61 HALFWIDTH IDEOGRAPHIC FULL STOP  
FF62 HALFWIDTH LEFT CORNER BRACKET  
FF63 HALFWIDTH RIGHT CORNER BRACKET  
FF64 HALFWIDTH IDEOGRAPHIC COMMA  
FF65 HALFWIDTH KATAKANA MIDDLE DOT  
FF66 HALFWIDTH KATAKANA LETTER WO  
FF67 HALFWIDTH KATAKANA LETTER SMALL A  
FF68 HALFWIDTH KATAKANA LETTER SMALL I  
FF69 HALFWIDTH KATAKANA LETTER SMALL U  
FF6A HALFWIDTH KATAKANA LETTER SMALL E  
FF6B HALFWIDTH KATAKANA LETTER SMALL O  
FF6C HALFWIDTH KATAKANA LETTER SMALL YA  
FF6D HALFWIDTH KATAKANA LETTER SMALL YU  
FF6E HALFWIDTH KATAKANA LETTER SMALL YO  
FF6F HALFWIDTH KATAKANA LETTER SMALL TU  
FF70 HALFWIDTH KATAKANA-HIRAGANA PROLONGED SOUND MARK  
FF71 HALFWIDTH KATAKANA LETTER A  
FF72 HALFWIDTH KATAKANA LETTER I  
FF73 HALFWIDTH KATAKANA LETTER U  
FF74 HALFWIDTH KATAKANA LETTER E  
FF75 HALFWIDTH KATAKANA LETTER O  
FF76 HALFWIDTH KATAKANA LETTER KA  
FF77 HALFWIDTH KATAKANA LETTER KI  
FF78 HALFWIDTH KATAKANA LETTER KU  
FF79 HALFWIDTH KATAKANA LETTER KE  
FF7A HALFWIDTH KATAKANA LETTER KO  
FF7B HALFWIDTH KATAKANA LETTER SA  
FF7C HALFWIDTH KATAKANA LETTER SI  
FF7D HALFWIDTH KATAKANA LETTER SU  
FF7E HALFWIDTH KATAKANA LETTER SE  
FF7F HALFWIDTH KATAKANA LETTER SO  
FF80 HALFWIDTH KATAKANA LETTER TA  
FF81 HALFWIDTH KATAKANA LETTER TI  
FF82 HALFWIDTH KATAKANA LETTER TU  
FF83 HALFWIDTH KATAKANA LETTER TE  
FF84 HALFWIDTH KATAKANA LETTER TO  
FF85 HALFWIDTH KATAKANA LETTER NA  
FF86 HALFWIDTH KATAKANA LETTER NI  
FF87 HALFWIDTH KATAKANA LETTER NU  
FF88 HALFWIDTH KATAKANA LETTER NE  
FF89 HALFWIDTH KATAKANA LETTER NO  
FF8A HALFWIDTH KATAKANA LETTER HA  
FF8B HALFWIDTH KATAKANA LETTER HI  
FF8C HALFWIDTH KATAKANA LETTER HU  
FF8D HALFWIDTH KATAKANA LETTER HE  
FF8E HALFWIDTH KATAKANA LETTER HO  
FF8F HALFWIDTH KATAKANA LETTER MA  
FF90 HALFWIDTH KATAKANA LETTER MI  
FF91 HALFWIDTH KATAKANA LETTER MU  
FF92 HALFWIDTH KATAKANA LETTER ME  
FF93 HALFWIDTH KATAKANA LETTER MO  
FF94 HALFWIDTH KATAKANA LETTER YA  
FF95 HALFWIDTH KATAKANA LETTER YU  
FF96 HALFWIDTH KATAKANA LETTER YO  
FF97 HALFWIDTH KATAKANA LETTER RA  
FF98 HALFWIDTH KATAKANA LETTER RI  
FF99 HALFWIDTH KATAKANA LETTER RU

FF9A HALFWIDTH KATAKANA LETTER RE  
FF9B HALFWIDTH KATAKANA LETTER RO  
FF9C HALFWIDTH KATAKANA LETTER WA  
FF9D HALFWIDTH KATAKANA LETTER N  
FF9E HALFWIDTH KATAKANA VOICED SOUND MARK  
FF9F HALFWIDTH KATAKANA SEMI-VOICED SOUND MARK  
FFA0 HALFWIDTH HANGUL FILLER  
FFA1 HALFWIDTH HANGUL LETTER KIYEOK  
FFA2 HALFWIDTH HANGUL LETTER SSANGKIYEOK  
FFA3 HALFWIDTH HANGUL LETTER KIYEOK-SIOS  
FFA4 HALFWIDTH HANGUL LETTER NIEUN  
FFA5 HALFWIDTH HANGUL LETTER NIEUN-CIEUC  
FFA6 HALFWIDTH HANGUL LETTER NIEUN-HIEUH  
FFA7 HALFWIDTH HANGUL LETTER TIKEUT  
FFA8 HALFWIDTH HANGUL LETTER SSANGTIKEUT  
FFA9 HALFWIDTH HANGUL LETTER RIEUL  
FFAA HALFWIDTH HANGUL LETTER RIEUL-KIYEOK  
FFAB HALFWIDTH HANGUL LETTER RIEUL-MIEUM  
FFAC HALFWIDTH HANGUL LETTER RIEUL-PIEUP  
FFAD HALFWIDTH HANGUL LETTER RIEUL-SIOS  
FFAE HALFWIDTH HANGUL LETTER RIEUL-THIEUTH  
FFAF HALFWIDTH HANGUL LETTER RIEUL-PHIEUPH  
FFB0 HALFWIDTH HANGUL LETTER RIEUL-HIEUH  
FFB1 HALFWIDTH HANGUL LETTER MIEUM  
FFB2 HALFWIDTH HANGUL LETTER PIEUP  
FFB3 HALFWIDTH HANGUL LETTER SSANGPIEUP  
FFB4 HALFWIDTH HANGUL LETTER PIEUP-SIOS  
FFB5 HALFWIDTH HANGUL LETTER SIOS  
FFB6 HALFWIDTH HANGUL LETTER SSANGSIOS  
FFB7 HALFWIDTH HANGUL LETTER IEUNG  
FFB8 HALFWIDTH HANGUL LETTER CIEUC  
FFB9 HALFWIDTH HANGUL LETTER SSANGCIEUC  
FFBA HALFWIDTH HANGUL LETTER CHIEUCH  
FFBB HALFWIDTH HANGUL LETTER KHIEUKH  
FFBC HALFWIDTH HANGUL LETTER THIEUTH  
FFBD HALFWIDTH HANGUL LETTER PHIEUPH  
FFBE HALFWIDTH HANGUL LETTER HIEUH  
FFC2 HALFWIDTH HANGUL LETTER A  
FFC3 HALFWIDTH HANGUL LETTER AE  
FFC4 HALFWIDTH HANGUL LETTER YA  
FFC5 HALFWIDTH HANGUL LETTER YAE  
FFC6 HALFWIDTH HANGUL LETTER EO  
FFC7 HALFWIDTH HANGUL LETTER E  
FFCA HALFWIDTH HANGUL LETTER YEO  
FFCB HALFWIDTH HANGUL LETTER YE  
FFCC HALFWIDTH HANGUL LETTER O  
FFCD HALFWIDTH HANGUL LETTER WA  
FFCE HALFWIDTH HANGUL LETTER WAE  
FFCF HALFWIDTH HANGUL LETTER OE  
FFD2 HALFWIDTH HANGUL LETTER YO  
FFD3 HALFWIDTH HANGUL LETTER U  
FFD4 HALFWIDTH HANGUL LETTER WEO  
FFD5 HALFWIDTH HANGUL LETTER WE  
FFD6 HALFWIDTH HANGUL LETTER WI  
FFD7 HALFWIDTH HANGUL LETTER YU  
FFDA HALFWIDTH HANGUL LETTER EU  
FFDB HALFWIDTH HANGUL LETTER YI  
FFDC HALFWIDTH HANGUL LETTER I  
FFE0 FULLWIDTH CENT SIGN  
FFE1 FULLWIDTH POUND SIGN  
FFE2 FULLWIDTH NOT SIGN

FFE3 FULLWIDTH MACRON  
FFE4 FULLWIDTH BROKEN BAR  
FFE5 FULLWIDTH YEN SIGN  
FFE6 FULLWIDTH WON SIGN  
FFE8 HALFWIDTH FORMS LIGHT VERTICAL  
FFE9 HALFWIDTH LEFTWARDS ARROW  
FFEA HALFWIDTH UPWARDS ARROW  
FFEB HALFWIDTH RIGHTWARDS ARROW  
FFEC HALFWIDTH DOWNWARDS ARROW  
FFED HALFWIDTH BLACK SQUARE  
FFEE HALFWIDTH WHITE CIRCLE  
FFFD REPLACEMENT CHARACTER