0027 # ' APOSTROPHE
0060 # ` GRAVE ACCENT
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 # ª 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 # ² SUPERSCRIPT TWO
00B3 # ³ SUPERSCRIPT THREE
00B4 # ´ ACUTE ACCENT
00B5 # µ MICRO SIGN
00B6 # ¶ PILCROW SIGN
00B7 # · MIDDLE DOT
00B8 # ¸ CEDILLA
00B9 # ¹ SUPERSCRIPT ONE
00BA # º MASCULINE ORDINAL INDICATOR
00BB # » RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
00BC # ¼ VULGAR FRACTION ONE QUARTER
00BD # ½ VULGAR FRACTION ONE HALF
00BE # ¾ VULGAR FRACTION THREE QUARTERS
00BF # ¿ INVERTED QUESTION MARK
00C0 # À LATIN CAPITAL LETTER A WITH GRAVE
00C1 # Á LATIN CAPITAL LETTER A WITH ACUTE
00C2 # Â LATIN CAPITAL LETTER A WITH CIRCUMFLEX
00C3 # Ã LATIN CAPITAL LETTER A WITH TILDE
00C4 # Ä LATIN CAPITAL LETTER A WITH DIAERESIS
00C5 # Å LATIN CAPITAL LETTER A WITH RING ABOVE
00C6 # Æ LATIN CAPITAL LETTER AE
00C7 # Ç LATIN CAPITAL LETTER C WITH CEDILLA
00C8 # È LATIN CAPITAL LETTER E WITH GRAVE
00C9 # É LATIN CAPITAL LETTER E WITH ACUTE
00CA # Ê LATIN CAPITAL LETTER E WITH CIRCUMFLEX
00CB # Ë LATIN CAPITAL LETTER E WITH DIAERESIS
00CC # Ì LATIN CAPITAL LETTER I WITH GRAVE
00CD # Í LATIN CAPITAL LETTER I WITH ACUTE
00CE # Î LATIN CAPITAL LETTER I WITH CIRCUMFLEX
00CF # Ï LATIN CAPITAL LETTER I WITH DIAERESIS
00D0 # Ð LATIN CAPITAL LETTER ETH
00D1 # Ñ LATIN CAPITAL LETTER N WITH TILDE
00D2 # Ò LATIN CAPITAL LETTER O WITH GRAVE

00D3 # Ó LATIN CAPITAL LETTER O WITH ACUTE
00D4 # Ô LATIN CAPITAL LETTER O WITH CIRCUMFLEX
00D5 # Õ LATIN CAPITAL LETTER O WITH TILDE
00D6 # Ö LATIN CAPITAL LETTER O WITH DIAERESIS
00D7 # × MULTIPLICATION SIGN
00D8 # Ø LATIN CAPITAL LETTER O WITH STROKE
00D9 # Ù LATIN CAPITAL LETTER U WITH GRAVE
00DA # Ú LATIN CAPITAL LETTER U WITH ACUTE
00DB # Û LATIN CAPITAL LETTER U WITH CIRCUMFLEX
00DC # Ü LATIN CAPITAL LETTER U WITH DIAERESIS
00DD # Ý LATIN CAPITAL LETTER Y WITH ACUTE
00DE # Þ LATIN CAPITAL LETTER THORN
00DF # ß LATIN SMALL LETTER SHARP S
00E0 # à LATIN SMALL LETTER A WITH GRAVE
00E1 # á LATIN SMALL LETTER A WITH ACUTE
00E2 # â LATIN SMALL LETTER A WITH CIRCUMFLEX
00E3 # ã LATIN SMALL LETTER A WITH TILDE
00E4 # ä LATIN SMALL LETTER A WITH DIAERESIS
00E5 # å LATIN SMALL LETTER A WITH RING ABOVE
00E6 # æ LATIN SMALL LETTER AE
00E7 # ç LATIN SMALL LETTER C WITH CEDILLA
00E8 # è LATIN SMALL LETTER E WITH GRAVE
00E9 # é LATIN SMALL LETTER E WITH ACUTE
00EA # ê LATIN SMALL LETTER E WITH CIRCUMFLEX
00EB # ë LATIN SMALL LETTER E WITH DIAERESIS
00EC # ì LATIN SMALL LETTER I WITH GRAVE
00ED # í LATIN SMALL LETTER I WITH ACUTE
00EE # î LATIN SMALL LETTER I WITH CIRCUMFLEX
00EF # ï LATIN SMALL LETTER I WITH DIAERESIS
00F0 # ð LATIN SMALL LETTER ETH
00F1 # ñ LATIN SMALL LETTER N WITH TILDE
00F2 # ò LATIN SMALL LETTER O WITH GRAVE
00F3 # ó LATIN SMALL LETTER O WITH ACUTE
00F4 # ô LATIN SMALL LETTER O WITH CIRCUMFLEX
00F5 # õ LATIN SMALL LETTER O WITH TILDE
00F6 # ö LATIN SMALL LETTER O WITH DIAERESIS
00F7 # ÷ DIVISION SIGN
00F8 # ø LATIN SMALL LETTER O WITH STROKE
00F9 # ù LATIN SMALL LETTER U WITH GRAVE
00FA # ú LATIN SMALL LETTER U WITH ACUTE
00FB # û LATIN SMALL LETTER U WITH CIRCUMFLEX
00FC # ü LATIN SMALL LETTER U WITH DIAERESIS
00FD # ý LATIN SMALL LETTER Y WITH ACUTE
00FE # þ LATIN SMALL LETTER THORN
00FF # ÿ LATIN SMALL LETTER Y WITH DIAERESIS
0100 # Ā LATIN CAPITAL LETTER A WITH MACRON
0101 # ā LATIN SMALL LETTER A WITH MACRON
0102 # Ă LATIN CAPITAL LETTER A WITH BREVE
0103 # ă LATIN SMALL LETTER A WITH BREVE
0104 # Ą LATIN CAPITAL LETTER A WITH OGONEK
0105 # ą LATIN SMALL LETTER A WITH OGONEK
0106 # Ć LATIN CAPITAL LETTER C WITH ACUTE
0107 # ć LATIN SMALL LETTER C WITH ACUTE

0108 # Ĉ LATIN CAPITAL LETTER C WITH CIRCUMFLEX
0109 # ĉ LATIN SMALL LETTER C WITH CIRCUMFLEX
010A # Ċ LATIN CAPITAL LETTER C WITH DOT ABOVE
010B # ċ LATIN SMALL LETTER C WITH DOT ABOVE
010C # Č LATIN CAPITAL LETTER C WITH CARON
010D # č LATIN SMALL LETTER C WITH CARON
010E # Ď LATIN CAPITAL LETTER D WITH CARON
010F # ď LATIN SMALL LETTER D WITH CARON
0110 # Đ LATIN CAPITAL LETTER D WITH STROKE
0111 # đ LATIN SMALL LETTER D WITH STROKE
0112 # Ē LATIN CAPITAL LETTER E WITH MACRON
0113 # ē LATIN SMALL LETTER E WITH MACRON
0114 # Ĕ LATIN CAPITAL LETTER E WITH BREVE
0115 # ĕ LATIN SMALL LETTER E WITH BREVE
0116 # Ė LATIN CAPITAL LETTER E WITH DOT ABOVE
0117 # ė LATIN SMALL LETTER E WITH DOT ABOVE
0118 # Ę LATIN CAPITAL LETTER E WITH OGONEK
0119 # ę LATIN SMALL LETTER E WITH OGONEK
011A # Ě LATIN CAPITAL LETTER E WITH CARON
011B # ě LATIN SMALL LETTER E WITH CARON
011C # Ĝ LATIN CAPITAL LETTER G WITH CIRCUMFLEX
011D # ĝ LATIN SMALL LETTER G WITH CIRCUMFLEX
011E # Ğ LATIN CAPITAL LETTER G WITH BREVE
011F # ğ LATIN SMALL LETTER G WITH BREVE
0120 # Ġ LATIN CAPITAL LETTER G WITH DOT ABOVE
0121 # ġ LATIN SMALL LETTER G WITH DOT ABOVE
0122 # Ģ LATIN CAPITAL LETTER G WITH CEDILLA
0124 # Ĥ LATIN CAPITAL LETTER H WITH CIRCUMFLEX
0125 # ĥ LATIN SMALL LETTER H WITH CIRCUMFLEX
0126 # Ħ LATIN CAPITAL LETTER H WITH STROKE
0127 # ħ LATIN SMALL LETTER H WITH STROKE
0128 # Ĩ LATIN CAPITAL LETTER I WITH TILDE
0129 # ĩ LATIN SMALL LETTER I WITH TILDE
012A # Ī LATIN CAPITAL LETTER I WITH MACRON
012B # ī LATIN SMALL LETTER I WITH MACRON
012C # Ĭ LATIN CAPITAL LETTER I WITH BREVE
012D # ĭ LATIN SMALL LETTER I WITH BREVE
012E # Į LATIN CAPITAL LETTER I WITH OGONEK
012F # į LATIN SMALL LETTER I WITH OGONEK
0130 # İ LATIN CAPITAL LETTER I WITH DOT ABOVE
0131 # ı LATIN SMALL LETTER DOTLESS I
0134 # Ĵ LATIN CAPITAL LETTER J WITH CIRCUMFLEX
0135 # ĵ LATIN SMALL LETTER J WITH CIRCUMFLEX
0136 # Ķ LATIN CAPITAL LETTER K WITH CEDILLA
0137 # ķ LATIN SMALL LETTER K WITH CEDILLA
0138 # ĸ LATIN SMALL LETTER KRA
0139 # Ĺ LATIN CAPITAL LETTER L WITH ACUTE
013A # ĺ LATIN SMALL LETTER L WITH ACUTE
013B # Ļ LATIN CAPITAL LETTER L WITH CEDILLA
013C # ļ LATIN SMALL LETTER L WITH CEDILLA
013D # Ľ LATIN CAPITAL LETTER L WITH CARON
013E # ľ LATIN SMALL LETTER L WITH CARON
0141 # Ł LATIN CAPITAL LETTER L WITH STROKE

0142 # ł LATIN SMALL LETTER L WITH STROKE
0143 # Ń LATIN CAPITAL LETTER N WITH ACUTE
0144 # ń LATIN SMALL LETTER N WITH ACUTE
0145 # Ņ LATIN CAPITAL LETTER N WITH CEDILLA
0146 # ņ LATIN SMALL LETTER N WITH CEDILLA
0147 # Ň LATIN CAPITAL LETTER N WITH CARON
0148 # ň LATIN SMALL LETTER N WITH CARON
014C # Ō LATIN CAPITAL LETTER O WITH MACRON
014D # ō LATIN SMALL LETTER O WITH MACRON
014E # Ŏ LATIN CAPITAL LETTER O WITH BREVE
014F # ŏ LATIN SMALL LETTER O WITH BREVE
0150 # Ő LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
0151 # ő LATIN SMALL LETTER O WITH DOUBLE ACUTE
0152 # Œ LATIN CAPITAL LIGATURE OE
0153 # œ LATIN SMALL LIGATURE OE
0154 # Ŕ LATIN CAPITAL LETTER R WITH ACUTE
0155 # ŕ LATIN SMALL LETTER R WITH ACUTE
0156 # Ŗ LATIN CAPITAL LETTER R WITH CEDILLA
0157 # ŗ LATIN SMALL LETTER R WITH CEDILLA
0158 # Ř LATIN CAPITAL LETTER R WITH CARON
0159 # ř LATIN SMALL LETTER R WITH CARON
015A # Ś LATIN CAPITAL LETTER S WITH ACUTE
015B # ś LATIN SMALL LETTER S WITH ACUTE
015C # Ŝ LATIN CAPITAL LETTER S WITH CIRCUMFLEX
015D # ŝ LATIN SMALL LETTER S WITH CIRCUMFLEX
015E # Ş LATIN CAPITAL LETTER S WITH CEDILLA
015F # ş LATIN SMALL LETTER S WITH CEDILLA
0160 # Š LATIN CAPITAL LETTER S WITH CARON
0161 # š LATIN SMALL LETTER S WITH CARON
0162 # Ţ LATIN CAPITAL LETTER T WITH CEDILLA
0163 # ţ LATIN SMALL LETTER T WITH CEDILLA
0164 # Ť LATIN CAPITAL LETTER T WITH CARON
0165 # ť LATIN SMALL LETTER T WITH CARON
0166 # Ŧ LATIN CAPITAL LETTER T WITH STROKE
0167 # ŧ LATIN SMALL LETTER T WITH STROKE
0168 # Ũ LATIN CAPITAL LETTER U WITH TILDE
0169 # ũ LATIN SMALL LETTER U WITH TILDE
016A # Ū LATIN CAPITAL LETTER U WITH MACRON
016B # ū LATIN SMALL LETTER U WITH MACRON
016C # Ŭ LATIN CAPITAL LETTER U WITH BREVE
016D # ŭ LATIN SMALL LETTER U WITH BREVE
016E # Ů LATIN CAPITAL LETTER U WITH RING ABOVE
016F # ů LATIN SMALL LETTER U WITH RING ABOVE
0170 # Ű LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
0171 # ű LATIN SMALL LETTER U WITH DOUBLE ACUTE
0172 # Ų LATIN CAPITAL LETTER U WITH OGONEK
0173 # ų LATIN SMALL LETTER U WITH OGONEK
0174 # Ŵ LATIN CAPITAL LETTER W WITH CIRCUMFLEX
0175 # ŵ LATIN SMALL LETTER W WITH CIRCUMFLEX
0176 # Ŷ LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
0177 # ŷ LATIN SMALL LETTER Y WITH CIRCUMFLEX
0178 # Ÿ LATIN CAPITAL LETTER Y WITH DIAERESIS
0179 # Ź LATIN CAPITAL LETTER Z WITH ACUTE

017A # ź LATIN SMALL LETTER Z WITH ACUTE
017B # Ż LATIN CAPITAL LETTER Z WITH DOT ABOVE
017C # ż LATIN SMALL LETTER Z WITH DOT ABOVE
017D # Ž LATIN CAPITAL LETTER Z WITH CARON
017E # ž LATIN SMALL LETTER Z WITH CARON
0189 # Ɖ LATIN CAPITAL LETTER AFRICAN D
0192 # ƒ LATIN SMALL LETTER F WITH HOOK
02C6 # ˆ MODIFIER LETTER CIRCUMFLEX ACCENT
02C7 # ˇ CARON
02C9 # ˉ MODIFIER LETTER MACRON
02D8 # ˘ BREVE
02D9 # ˙ DOT ABOVE
02DA # ˚ RING ABOVE
02DB # ˛ OGONEK
02DC # ˜ SMALL TILDE
02DD # ˝ DOUBLE ACUTE ACCENT
03BC # μ GREEK SMALL LETTER MU
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
2010 # ‐ HYPHEN
2011 # ‑ NON-BREAKING HYPHEN
2012 # ‒ FIGURE DASH
2013 # – EN DASH
2014 # — EM DASH
2015 # ― HORIZONTAL BAR
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
2026 # … HORIZONTAL ELLIPSIS
2030 # ‰ PER MILLE SIGN
2039 # ‹ SINGLE LEFT-POINTING ANGLE QUOTATION MARK
203A # › SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
203D # ‽ INTERROBANG
2044 # ⁄ FRACTION SLASH
20AC # € EURO SIGN

2122 # ™ TRADE MARK SIGN
2212 # − MINUS SIGN
2215 # ∕ DIVISION SLASH
2219 # ∙ BULLET OPERATOR
2259 # ≙ ESTIMATES
2260 # ≠ NOT EQUAL TO
2264 # ≤ LESS-THAN OR EQUAL TO
2265 # ≥ GREATER-THAN OR EQUAL TO
226E # ≮ NOT LESS-THAN
226F # ≯ NOT GREATER-THAN
2500 # ─ BOX DRAWINGS LIGHT HORIZONTAL
2501 # ━ BOX DRAWINGS HEAVY HORIZONTAL
2502 # │ BOX DRAWINGS LIGHT VERTICAL
2503 # ┃ BOX DRAWINGS HEAVY VERTICAL
253C # ┼ BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL
254B # ╋ BOX DRAWINGS HEAVY VERTICAL AND HORIZONTAL
FB01 # ﬁ LATIN SMALL LIGATURE FI
FB02 # ﬂ LATIN SMALL LIGATURE FL