

DIGIT ZERO	0	0
uni0030 DIGIT ONE	1	1
uni0031 DIGIT TWO	2	2
uni0032	3	3
uni0033		
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	6
		_
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	:
SEMICOLON uni003B	,	;
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	<u>@</u>
LATIN CAPITAL LETTER A uni0041	Α	A
LATIN CAPITAL LETTER B uni0042	В	B
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
	Е	10
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	Н	H
LATIN CAPITAL LETTER I uni0049		I
LATIN CAPITAL LETTER J uni004A	J	J

LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	L
LATIN CAPITAL LETTER M uni004D	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	P	P
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S uni0053	S	S
LATIN CAPITAL LETTER T uni0054	Т	T
LATIN CAPITAL LETTER U uni0055	U	U
LATIN CAPITAL LETTER V uni0056	V	V
LATIN CAPITAL LETTER W uni0057	W	W
LATIN CAPITAL LETTER X uni0058	Χ	X
LATIN CAPITAL LETTER Y uni0059	Υ	Y
LATIN CAPITAL LETTER Z uni005A	Z	Z
LEFT SQUARE BRACKET uni005B	[	[
REVERSE SOLIDUS uni005C	\	\
RIGHT SQUARE BRACKET uni005D	]	]
CIRCUMFLEX ACCENT uni005E	^	٨
LOW LINE uni005F	_	_
GRAVE ACCENT uni0060	`	1
LATIN SMALL LETTER A uni0061	а	a
LATIN SMALL LETTER B uni0062	b	b
LATIN SMALL LETTER C uni0063	С	C
LATIN SMALL LETTER D uni0064	d	d
LATIN SMALL LETTER E uni0065	е	е
LATIN SMALL LETTER F uni0066	f	f

LATIN SMALL LETTER G uni0067	g	g
LATIN SMALL LETTER H uni0068	h	h
LATIN SMALL LETTER I uni0069	i	i
LATIN SMALL LETTER J uni006A	j	j
LATIN SMALL LETTER K uni006B	k	k
LATIN SMALL LETTER L uni006C		l
LATIN SMALL LETTER M uni006D	m	m
LATIN SMALL LETTER N uni006E	n	n
LATIN SMALL LETTER O	0	0
LATIN SMALL LETTER P uni0070	р	p
LATIN SMALL LETTER Q uni0071	q	q
LATIN SMALL LETTER R uni0072	r	ľ
LATIN SMALL LETTER S uni0073	S	S
LATIN SMALL LETTER T uni0074	t	t
LATIN SMALL LETTER U uni0075	U	U
LATIN SMALL LETTER V uni0076	V	V
LATIN SMALL LETTER W uni0077	W	W
LATIN SMALL LETTER X uni0078	X	X
LATIN SMALL LETTER Y uni0079	У	у
LATIN SMALL LETTER Z uni007A	Z	Z
LEFT CURLY BRACKET uni007B	{	{
VERTICAL LINE uni007C		
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	~
NO-BREAK SPACE uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i
CENT SIGN uni00A2	¢	¢
uniouAz		

POUND SIGN

uni00A3	£	£
CURRENCY SIGN uni00A4	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	I I
SECTION SIGN uni00A7	§	<b>§</b>
DIAERESIS uni00A8		"
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	<b>«</b>
NOT SIGN uni00AC	$\neg$	7
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	_
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	±	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	,
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	1
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	>
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	<b>»</b>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2

VALICAD EDACTION TUDES QUADTEDS	3/4	3/4
VULGAR FRACTION THREE QUARTERS uni00BE		
INVERTED QUESTION MARK uni00BF	خ	į
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Ì
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö
MULTIPLICATION SIGN uni00D7	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE		

uni00D9	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	å
LATIN SMALL LETTER AE uni00E6	æ	æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	Ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	è
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë
	ë	ë
uni00EB LATIN SMALL LETTER I WITH GRAVE	ë	
uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE	ë ì í	ì
uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX	ì	ì
uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH DIAERESIS	ì í	ì í
UNIOUEB  LATIN SMALL LETTER I WITH GRAVE UNIOUEC  LATIN SMALL LETTER I WITH ACUTE UNIOUED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE  LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF  LATIN SMALL LETTER ETH	i í î ð ñ	ì í í i i ö ñ
UNIOUEB  LATIN SMALL LETTER I WITH GRAVE UNIOUEC  LATIN SMALL LETTER I WITH ACUTE UNIOUED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE  LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF  LATIN SMALL LETTER ETH UNIOUFO  LATIN SMALL LETTER N WITH TILDE	ì í í í ð	ì í í ï ð ñ
UNIOUEB  LATIN SMALL LETTER I WITH GRAVE UNIOUEC  LATIN SMALL LETTER I WITH ACUTE UNIOUED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE  LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF  LATIN SMALL LETTER ETH UNIOUFO  LATIN SMALL LETTER N WITH TILDE UNIOUF1  LATIN SMALL LETTER O WITH GRAVE	i í î ð ñ	ì í í i i ö ñ

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
	Ö	Ö
LATIN SMALL LETTER O WITH DIAERESIS uni00F6		
DIVISION SIGN uni00F7	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	0
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	Ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	ú	Ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	Ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	Ć	Ć
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	Č	Č
LATIN SMALL LETTER D WITH STROKE uni0111	đ	đ
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	ğ
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	I	I
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł
LATIN SMALL LETTER L WITH STROKE	ł	ł
uni0142 LATIN CAPITAL LIGATURE OE	Œ	Œ
uni0152 LATIN SMALL LIGATURE OE	œ	œ œ
uni0153  LATIN CAPITAL LETTER S WITH CEDILLA	Ş	Ş
uni015E  LATIN SMALL LETTER S WITH CEDILLA	3	Ş
uni015F	3	3

LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	Š
	Ÿ	Ÿ
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178		
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	Ž
LATIN SMALL LETTER F WITH HOOK uni0192	f	f
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	Λ
CARON uni02C7	~	v
MODIFIER LETTER MACRON uni02C9	-	-
BREVE uni02D8	U	•
DOT ABOVE uni02D9		•
RING ABOVE uni02DA	0	٥
OGONEK uni02DB	د	L
SMALL TILDE uni02DC	~	~
DOUBLE ACUTE ACCENT uni02DD	//	***
GREEK SMALL LETTER PI uni03C0	π	π
EN DASH uni2013	-	_
EM DASH uni2014		
LEFT SINGLE QUOTATION MARK uni2018	1	6
RIGHT SINGLE QUOTATION MARK uni2019	7	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	"
RIGHT DOUBLE QUOTATION MARK uni201D	11	"
DOUBLE LOW-9 QUOTATION MARK uni201E	"	"
DAGGER uni2020	†	†
DOUBLE DAGGER uni2021	‡	‡
BULLET uni2022	•	•

HORIZONTAL ELLIPSIS

uni2026		
u1112020		•••
PER MILLE SIGN uni2030	%00	<b>%</b> 0
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	(
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	)
FRACTION SLASH uni2044	/	
FRENCH FRANC SIGN uni20A3	F	F
EURO SIGN uni20AC	€	€
TRADE MARK SIGN uni2122	TM	TM
OHM SIGN uni2126	Ω	Ω
PARTIAL DIFFERENTIAL uni2202	9	$\partial$
INCREMENT uni2206	Δ	Δ
N-ARY PRODUCT uni220F	П	Π
N-ARY SUMMATION uni2211	Σ	$\sum$
MINUS SIGN uni2212	_	_
DIVISION SLASH uni2215	/	
BULLET OPERATOR uni2219	•	•
SQUARE ROOT uni221A	$\sqrt{}$	
INFINITY uni221E	$\infty$	$\infty$
INTEGRAL uni222B	ſ	ſ
ALMOST EQUAL TO uni2248	$\approx$	≈
NOT EQUAL TO uni2260	<b>≠</b>	<i>≠</i>
LESS-THAN OR EQUAL TO uni2264	$\leq$	≤
GREATER-THAN OR EQUAL TO uni2265	$\geq$	≥
LOZENGE uni25CA	$\Diamond$	$\Diamond$
LATIN SMALL LIGATURE FI uniFB01	fi	fi
LATIN SMALL LIGATURE FL uniFB02	fl	fl















