

uni0017 uni0018 uni0019 SPACE uni0020 EXCLAMATION MARK uni0021 QUOTATION MARK uni0022 NUMBER SIGN uni0023 DOLLAR SIGN uni0024 PERCENT SIGN uni0025 AMPERSAND uni0026 APOSTROPHE uni0027 LEFT PARENTHESIS uni0028 RIGHT PARENTHESIS uni0028 RIGHT PARENTHESIS uni0029 ASTERISK uni002A PLUS SIGN uni002A PLUS SIGN uni002B COMMA uni002C HYPHEN-MINUS uni002B COMMA uni002C DIGIT ZERO uni0031 DIGIT TWO uni0031 DIGIT TWO uni0033 DIGIT FOUR uni0034 DIGIT FIVE uni0035 DIGIT SIX uni0036 DIGIT SEVEN uni0037 T			
Uni0019 SPACE Uni0020 EXCLAMATION MARK Uni0021 QUOTATION MARK Uni0022 NUMBER SIGN Uni0023 ## DOLLAR SIGN Uni0024 PERCENT SIGN Uni0025 AMPERSAND Uni0026 APOSTROPHE Uni0027 LEFT PARENTHESIS Uni0028 RIGHT PARENTHESIS Uni0029 ASTERISK Uni0020 ASTERISK Uni0020 TOMMA Uni0020 HYPHEN-MINUS Uni0020 FULL STOP Uni002E SOLIDUS Uni002E SOLIDUS Uni002F DIGIT ZERO Uni0030 DIGIT ONE Uni0031 DIGIT TWO Uni0032 DIGIT THREE Uni0033 DIGIT FIVE Uni0034 DIGIT FIVE Uni0036 DIGIT SEVEN 7 7	uni0017		
EXCLAMATION MARK UNIOU21 QUOTATION MARK UNIOU22 NUMBER SIGN UNIOU23 DOLLAR SIGN UNIOU24 PERCENT SIGN UNIOU25 AMPERSAND UNIOU25 APOSTROPHE UNIOU27 LEFT PARENTHESIS UNIOU28 RIGHT PARENTHESIS UNIOU28 RIGHT PARENTHESIS UNIOU29 ASTERISK UNIOU29 ASTERISK UNIOU29 ASTERISK UNIOU29 TULL STOP UNIOU2D FULL STOP UNIOU2E SOLIDUS UNIOU2E SOLIDUS UNIOU2E JUGIT ZERO UNIOU30 DIGIT ONE UNIOU31 DIGIT THREE UNIOU32 DIGIT THREE UNIOU33 DIGIT FIVE UNIOU34 DIGIT FIVE UNIOU36 DIGIT SEVEN 7	uni0018		
EXCLAMATION MARK uni0021 QUOTATION MARK uni0022 NUMBER SIGN uni0023 ## DOLLAR SIGN uni0024 PERCENT SIGN uni0025 AMPERSAND uni0026 APOSTROPHE uni0027 LEFT PARENTHESIS uni0028 RIGHT PARENTHESIS uni0028 RIGHT PARENTHESIS uni0029 ASTERISK uni002A PLUS SIGN + + uni002A PLUS SIGN uni002C HYPHEN-MINUS	uni0019		
QUOTATION MARK			
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APOSTROPHE		%	%
LEFT PARENTHESIS UNIO028 RIGHT PARENTHESIS UNIO029 ASTERISK UNIO029 ASTERISK UNIO02A PLUS SIGN UNIO02B COMMA UNIO02C HYPHEN-MINUS UNIO02C FULL STOP UNIO02E SOLIDUS UNIO02F DIGIT ZERO UNIO030 DIGIT ONE UNIO031 DIGIT TWO UNIO032 DIGIT THREE UNIO033 DIGIT FOUR UNIO034 DIGIT FIVE UNIO035 DIGIT SIX UNIO036 DIGIT SEVEN 7		&	Ø
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ASTERISK uni002A PLUS SIGN		((
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Uni002B COMMA Uni002C HYPHEN-MINUS Uni002D FULL STOP Uni002E SOLIDUS Uni002F DIGIT ZERO Uni0030 DIGIT ONE Uni0031 DIGIT TWO Uni0032 DIGIT THREE Uni0033 DIGIT FOUR Uni0034 DIGIT FIVE Uni0035 DIGIT SIX Uni0036 DIGIT SEVEN 7 7		*	*
Uni002C HYPHEN-MINUS Uni002D FULL STOP Uni002E SOLIDUS Uni002F DIGIT ZERO Uni0030 DIGIT ONE Uni0031 DIGIT TWO Uni0032 DIGIT THREE Uni0033 DIGIT FOUR Uni0034 DIGIT FIVE Uni0035 DIGIT SIX Uni0036 DIGIT SEVEN		+	+
Uni002D FULL STOP Uni002E SOLIDUS UNI002F DIGIT ZERO UNI0030 DIGIT ONE UNI0031 DIGIT TWO UNI0032 DIGIT THREE UNI0033 DIGIT FOUR UNI0034 DIGIT FIVE UNI0035 DIGIT SIX UNI0036 DIGIT SEVEN T T		,	,
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DIGIT THREE uni0033 DIGIT FOUR uni0034 DIGIT FIVE uni0035 DIGIT SIX uni0036 DIGIT SEVEN DIGIT SEVEN DIGIT SEVEN 2 2 3 3 4 4 4 5 5 7 7		0	0
Uni0032 DIGIT THREE Uni0033 DIGIT FOUR Uni0034 DIGIT FIVE Uni0035 DIGIT SIX Uni0036 DIGIT SEVEN DIGIT SEVEN		1	1
Uni0033 DIGIT FOUR Uni0034 DIGIT FIVE Uni0035 DIGIT SIX Uni0036 DIGIT SEVEN DIGIT SEVEN DIGIT SEVEN DIGIT SEVEN		2	2
Uni0033 DIGIT FOUR Uni0034 DIGIT FIVE Uni0035 DIGIT SIX Uni0036 DIGIT SEVEN DIGIT SEVEN DIGIT SEVEN DIGIT SEVEN		2	O)
uni0034 DIGIT FIVE uni0035 DIGIT SIX uni0036 DIGIT SEVEN 7 7		3	
DIGIT SIX uni0036 DIGIT SEVEN 7 7		4	4
DIGIT SEVEN 7 7		5	5
DIGIT SEVEN 7 7		6	6
		7	7

DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	1	<i>:</i>
SEMICOLON uni003B	,	<i>;</i>
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	@	@
LATIN CAPITAL LETTER A uni0041	A	A
LATIN CAPITAL LETTER B uni0042	В	\mathscr{B}
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	\mathscr{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	W
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	P	P
LATIN CAPITAL LETTER Q uni0051	Q	2
LATIN CAPITAL LETTER R uni0052	R	\mathcal{R}
LATIN CAPITAL LETTER S uni0053	S	\mathscr{S}

LATIN CAPITAL LETTER T uni0054	Т	\mathscr{T}
LATIN CAPITAL LETTER U uni0055	U	\mathscr{U}
LATIN CAPITAL LETTER V uni0056	V	V
LATIN CAPITAL LETTER W uni0057	VV	W
LATIN CAPITAL LETTER X uni0058	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Y
LATIN CAPITAL LETTER Z uni005A	Z	\mathcal{Z}
LEFT SQUARE BRACKET uni005B	[
REVERSE SOLIDUS uni005C	\	
RIGHT SQUARE BRACKET uni005D]	1
CIRCUMFLEX ACCENT uni005E	^	^
LOW LINE uni005F	_	_
GRAVE ACCENT uni0060	`	(
LATIN SMALL LETTER A uni0061	а	a
LATIN SMALL LETTER B uni0062	b	в
LATIN SMALL LETTER C uni0063	С	c
LATIN SMALL LETTER D uni0064	d	d
LATIN SMALL LETTER E uni0065	е	e
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		1
LATIN SMALL LETTER M uni006D	m	m
LATIN SMALL LETTER N uni006E	n	n
LATIN SMALL LETTER O		

LATIN SMALL LETTER O

uni006F	0	o
LATIN SMALL LETTER P	р	p
uni0070 LATIN SMALL LETTER Q	a	q
uni0071 LATIN SMALL LETTER R	r	r
uni0072 LATIN SMALL LETTER S	S	
uni0073 LATIN SMALL LETTER T	t	t
uni0074 LATIN SMALL LETTER U	u	u
uni0075 LATIN SMALL LETTER V	V	v
uni0076 LATIN SMALL LETTER W	W	w
uni0077 LATIN SMALL LETTER X	X	x
uni0078 LATIN SMALL LETTER Y	V	y
uni0079 LATIN SMALL LETTER Z	Z	z
uni007A LEFT CURLY BRACKET	{	1
uni007B VERTICAL LINE		
uni007C RIGHT CURLY BRACKET	}	<u> </u>
uni007D TILDE	~	~
uni007E NO-BREAK SPACE		
uni00A0 INVERTED EXCLAMATION MARK	i	<i>j</i>
uni00A1 CENT SIGN	¢	¢
uni00A2 POUND SIGN	£	\mathcal{L}
uni00A3 CURRENCY SIGN	¤	Ø
uni00A4 YEN SIGN	¥	¥
uni00A5 BROKEN BAR	-	/
uni00A6 SECTION SIGN	§	Ŋ
Uni00A7 DIAERESIS		
uni00A8 COPYRIGHT SIGN	©	©
uni00A9 FEMININE ORDINAL INDICATOR	<u>a</u>	a
uni00AA LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	<<	<i>«</i>
uni00AB		

NOT SIGN uni00AC

SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	-
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	\pm	<u></u>
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	,
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	I
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	,
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	<i>»</i>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4
INVERTED QUESTION MARK uni00BF	غ	i
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	É
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	É
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	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ï
LATIN CAPITAL LETTER ETH uni00D0	Đ	D
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	N
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	×	X
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	U
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Y	Y Co
LATIN CAPITAL LETTER THORN uni00DE	Þ	G
LATIN SMALL LETTER SHARP S uni00DF	ß	/S
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
	ä	ä
LATIN SMALL LETTER A WITH DIAERESIS uni00E4		
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	ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	\ddot{e}
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	i
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	ï	ï
LATIN SMALL LETTER ETH uni00F0	ð	đ
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	Ò	ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	Ö	ö
DIVISION SIGN		
DIVISION SIGN uni00F7	-	<i>÷</i>
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø
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	ÿ	ÿ
uni00FF		
LATIN SMALL LETTER H WITH STROKE uni0127	ħ	ħ
LATIN CAPITAL LETTER I WITH TILDE uni0128	Ĩ	Ĩ
LATIN SMALL LETTER I WITH TILDE uni0129	ĩ	ĩ
LATIN SMALL LETTER DOTLESS I uni0131	I	ı
LATIN CAPITAL LIGATURE IJ uni0132	IJ	IJ
LATIN SMALL LIGATURE IJ uni0133	ij	ij
LATIN CAPITAL LETTER J WITH CIRCUMFLEX uni0134	Ĵ	Ĵ
LATIN SMALL LETTER J WITH CIRCUMFLEX uni0135	ĵ	Ĵ
LATIN SMALL LETTER K WITH CEDILLA uni0137	ķ	ķ
LATIN SMALL LETTER KRA uni0138	K	ĸ
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	ŀ	ŀ
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	\mathscr{L}
LATIN SMALL LETTER L WITH STROKE uni0142	ł	t
LATIN CAPITAL LETTER N WITH ACUTE uni0143	Ń	N'
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	ń
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	æ
LATIN CAPITAL LETTER R WITH ACUTE uni0154	Ŕ	Ŕ
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ŗ	Ŗ
LATIN SMALL LETTER R WITH CEDILLA uni0157	ŗ	,r
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	${R}$
LATIN SMALL LETTER R WITH CARON uni0159	ř	ž
LATIN SMALL LETTER DOTLESS J uni0237	J	1
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6 CARON	^	٨





















