

FULL STOP uni002E		*
SOLIDUS uni002F	/	1
DIGIT ZERO uni0030	0	0
DIGIT ONE uni0031	1	1
DIGIT TWO uni0032	2	2
DIGIT THREE uni0033	3	3
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	B
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	1
SEMICOLON uni003B	,	7
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	a
LATIN CAPITAL LETTER A uni0041	Α	Ţ
LATIN CAPITAL LETTER B uni0042	В	B
LATIN CAPITAL LETTER C uni0043	С	Ç
LATIN CAPITAL LETTER D uni0044	D	ņ
LATIN CAPITAL LETTER E uni0045	Е	E
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	ı	1
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	Ü
LATIN CAPITAL LETTER P uni0050	Р	P
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S	S	\$
uni0053 LATIN CAPITAL LETTER T	Т	T
uni0054 LATIN CAPITAL LETTER U	U	V
uni0055 LATIN CAPITAL LETTER V	V	V
uni0056 LATIN CAPITAL LETTER W	VV	W
uni0057 LATIN CAPITAL LETTER X	X	X
uni0058 LATIN CAPITAL LETTER Y	Y	Υ
uni0059 LATIN CAPITAL LETTER Z	Z	7
uni005A LEFT SQUARE BRACKET	-	C
uni005B REVERSE SOLIDUS	\	1
uni005C RIGHT SQUARE BRACKET	1	1
uni005D	7	^
uni005E LOW LINE		
uni005F GRAVE ACCENT	_	_
uni0060 LATIN SMALL LETTER A	2	ı
uni0061	a	
LATIN SMALL LETTER B uni0062 LATIN SMALL LETTER C	b	B
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	T
LATIN SMALL LETTER J uni006A	j	J
LATIN SMALL LETTER K uni006B	k	K
LATIN SMALL LETTER L uni006C		Ľ
LATIN SMALL LETTER M uni006D	m	W
LATIN SMALL LETTER N uni006E	n	W
LATIN SMALL LETTER O uni006F	0	0
LATIN SMALL LETTER P uni0070	р	P
LATIN SMALL LETTER Q uni0071	q	Q
LATIN SMALL LETTER R uni0072	r	R
LATIN SMALL LETTER S uni0073	S	\$
LATIN SMALL LETTER T uni0074	t	T
LATIN SMALL LETTER U uni0075	U	V
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	Y
LATIN SMALL LETTER Z uni007A	Z	7
LEFT CURLY BRACKET uni007B	{	(
VERTICAL LINE uni007C		1
RIGHT CURLY BRACKET uni007D	}	•
TILDE uni007E	~	•

NO-BREAK SPACE

uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i
CENT SIGN uni00A2	¢	¢
POUND SIGN uni00A3	£	£
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6		ł
SECTION SIGN uni00A7	§	§
DIAERESIS uni00A8		**
COPYRIGHT SIGN uni00A9	©	•
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	~~
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	-
ACUTE ACCENT uni00B4	/	
MICRO SIGN uni00B5	μ	V
PILCROW SIGN uni00B6	1	7
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	د	5
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	>>
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	A	Į,
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	N A
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Į
LATIN CAPITAL LETTER A WITH TILDE uni00C3	A	Ą
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	A	Ą
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Î
LATIN CAPITAL LETTER AE uni00C6 LATIN CAPITAL LETTER C WITH CEDILLA	Æ	IF.
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	E
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Ý
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ÿ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ÿ
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	V
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ÿ
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	þ
LATIN SMALL LETTER SHARP S uni00DF	ß	B
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	À
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	Ń
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	Â

LATIN SMALL LETTER A WITH TILDE uni00E3	ã	Ä
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	Ē
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	Ę
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	Ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	E
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	Ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	Í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	Î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	Ÿ
LATIN SMALL LETTER ETH uni00F0	ð	Ð
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	Ÿ
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	Ö
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	Ö	Ö
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	V
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	ŷ
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	Ϋ

LATIN CAPITAL LETTER A WITH MACRON uni0100	Ā	Ā
LATIN SMALL LETTER A WITH MACRON uni0101	ā	Ā
LATIN CAPITAL LETTER A WITH BREVE uni0102	Ă	Ä
LATIN SMALL LETTER A WITH BREVE uni0103	ă	Ä
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	Ą
LATIN SMALL LETTER A WITH OGONEK uni0105	ą	Ą
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	Ć	Ć
LATIN CAPITAL LETTER C WITH CIRCUMFLEX uni0108	Ĉ	Ĉ
LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109	Ĉ	Ĉ
LATIN CAPITAL LETTER C WITH DOT ABOVE uni010A	Ċ	Č
LATIN SMALL LETTER C WITH DOT ABOVE uni010B	Ċ	C
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	Č	Č
LATIN CAPITAL LETTER D WITH CARON uni010E	Ď	Ď
LATIN SMALL LETTER D WITH CARON uni010F	ď	Ď
LATIN CAPITAL LETTER D WITH STROKE uni0110	Đ	Ð
LATIN CAPITAL LETTER E WITH MACRON uni0112	Ē	Ē
LATIN SMALL LETTER E WITH MACRON uni0113	ē	Ē
LATIN CAPITAL LETTER E WITH BREVE uni0114	Ĕ	E
LATIN SMALL LETTER E WITH BREVE uni0115	ĕ	E
LATIN CAPITAL LETTER E WITH DOT ABOVE uni0116	Ė	E
LATIN SMALL LETTER E WITH DOT ABOVE uni0117	ė	E
LATIN CAPITAL LETTER E WITH OGONEK uni0118	Ę	Ę
40110		_

LATIN SMALL LETTER E WITH OGONEK uni0119

LATIN CAPITAL LETTER E WITH CARON

uni011A	V	<u> </u>
	Ě	Ě
LATIN SMALL LETTER E WITH CARON uni011B	ě	Ě
LATIN CAPITAL LETTER G WITH CIRCUMFLEX uni011C	Ĝ	Ĝ
LATIN SMALL LETTER G WITH CIRCUMFLEX uni011D	ĝ	Ĝ
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	Ğ
LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120	Ġ	Ğ
LATIN SMALL LETTER G WITH DOT ABOVE uni0121	ġ	G
LATIN CAPITAL LETTER G WITH CEDILLA uni0122	Ģ	GAH
LATIN CAPITAL LETTER H WITH CIRCUMFLEX uni0124	Ĥ	Ĥ
LATIN SMALL LETTER H WITH CIRCUMFLEX uni0125	ĥ	Ĥ
LATIN SMALL LETTER H WITH STROKE uni0127	ħ	H
LATIN CAPITAL LETTER I WITH TILDE uni0128	Ĩ	Ĭ
LATIN SMALL LETTER I WITH TILDE uni0129	ĩ	Ť
LATIN CAPITAL LETTER I WITH MACRON uni012A	Ī	Ţ
LATIN SMALL LETTER I WITH MACRON uni012B	Ī	Ţ
LATIN CAPITAL LETTER I WITH BREVE uni012C	Ĭ	Ĭ
LATIN SMALL LETTER I WITH BREVE uni012D	Ĭ	Ĭ
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	Į
LATIN SMALL LETTER I WITH OGONEK uni012F	į	Į
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	Ī
LATIN SMALL LETTER DOTLESS I uni0131	I	T
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 CAPITAL LETTER K WITH CEDILLA uni0136	Ķ	Ķ

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K

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LATIN SMALL LETTER KRA uni0138		
LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	Ĺ
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	Ĺ
LATIN CAPITAL LETTER L WITH CEDILLA uni013B	Ļ	Ţ
LATIN SMALL LETTER L WITH CEDILLA uni013C	,	Ţ
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	L'
LATIN SMALL LETTER L WITH CARON uni013E	'	Ţ,
LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ŀ	Į.
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	ŀ	Į.
LATIN CAPITAL LETTER L WITH STROKE uni0141	上	ŧ
LATIN SMALL LETTER L WITH STROKE uni0142	1	*
LATIN CAPITAL LETTER N WITH ACUTE uni0143	N	Ń
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	W
LATIN CAPITAL LETTER N WITH CEDILLA uni0145	Ņ	Ņ
LATIN SMALL LETTER N WITH CEDILLA uni0146	ņ	N S N
LATIN CAPITAL LETTER N WITH CARON uni0147	N	V
LATIN SMALL LETTER N WITH CARON uni0148	ň	V
LATIN CAPITAL LETTER O WITH MACRON uni014C	0	Ō
LATIN SMALL LETTER O WITH MACRON uni014D	Ō	0
LATIN CAPITAL LETTER O WITH BREVE uni014E	0	Ŏ
LATIN SMALL LETTER O WITH BREVE uni014F	ő	0 %0
LATIN CAPITAL LETTER O WITH DOUBLE ACUTE uni0150	Ő	ő
LATIN SMALL LETTER O WITH DOUBLE ACUTE uni0151	ő	
LATIN CAPITAL LIGATURE OE uni0152	Œ	UF.
LATIN SMALL LIGATURE OE uni0153	œ	Œ

LATIN CAPITAL LETTER R WITH ACUTE uni0154

LATIN SMALL LETTER K WITH CEDILLA uni0137

LATIN SMALL LETTER R WITH ACUTE uni0155	ŕ	ń
	I	π
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ŗ	R
LATIN CMALL LETTER R MITH CERILLA	ŗ	R
LATIN SMALL LETTER R WITH CEDILLA uni0157		
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	Ř
LATIN SMALL LETTER R WITH CARON uni0159	ř	ř
LATIN CAPITAL LETTER S WITH ACUTE uni015A	Ś	Ś
LATIN SMALL LETTER S WITH ACUTE uni015B	Ś	Ś
LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C	Ŝ	ŝ
LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D	ŝ	ŝ
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ş	Ş
LATIN SMALL LETTER S WITH CEDILLA uni015F	Ş	Ş
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	\$**>\$ >\$
LATIN SMALL LETTER S WITH CARON uni0161	Š	\$
LATIN CAPITAL LETTER T WITH CEDILLA uni0162	Ţ	Ţ
LATIN SMALL LETTER T WITH CEDILLA uni0163	ţ	Ţ
LATIN CAPITAL LETTER T WITH CARON uni0164	Ť	Ť
LATIN SMALL LETTER T WITH CARON uni0165	ť	Ť
LATIN CAPITAL LETTER U WITH TILDE uni0168	Ũ	Ÿ
LATIN SMALL LETTER U WITH TILDE uni0169	ũ	Ÿ
LATIN CAPITAL LETTER U WITH MACRON uni016A	Ū	Ū
LATIN SMALL LETTER U WITH MACRON uni016B	ū	Ū
LATIN CAPITAL LETTER U WITH BREVE uni016C	Ŭ	Ŭ
LATIN SMALL LETTER U WITH BREVE uni016D	ŭ	Ŭ
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	Ů
LATIN SMALL LETTER U WITH RING ABOVE uni016F	ů	Ů
LATIN CAPITAL LETTER U WITH DOUBLE ACUTE uni0170	Ű	Ű
LATIN SMALL LETTER U WITH DOUBLE ACUTE uni0171	ű	ű
LATIN CAPITAL LETTER U WITH OGONEK		

uni0172		
umo172	Ų	y
LATIN SMALL LETTER U WITH OGONEK uni0173	Ų	y
LATIN CAPITAL LETTER W WITH CIRCUMFLEX uni0174	Ŵ	ŵ
LATIN SMALL LETTER W WITH CIRCUMFLEX uni0175	Ŵ	W
LATIN CAPITAL LETTER Y WITH CIRCUMFLEX uni0176	Ŷ	Ŷ
LATIN SMALL LETTER Y WITH CIRCUMFLEX uni0177	ŷ	Ŷ
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ
LATIN CAPITAL LETTER Z WITH ACUTE uni0179	Ź	Ź
LATIN SMALL LETTER Z WITH ACUTE uni017A	ź	Ź
LATIN CAPITAL LETTER Z WITH DOT ABOVE uni017B	Ż	7
LATIN SMALL LETTER Z WITH DOT ABOVE uni017C	Ż	7 7
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	7
LATIN SMALL LETTER Z WITH CARON uni017E	ž	7
LATIN CAPITAL LETTER DZ uni01F1	DZ	
LATIN CAPITAL LETTER D WITH SMALL LETTER Z uni01F2	Dz	
LATIN SMALL LETTER DOTLESS J uni0237	J	J
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	^
CARON uni02C7	V	•
BREVE uni02D8	J	¥
DOT ABOVE uni02D9	•	
RING ABOVE uni02DA	0	0
OGONEK uni02DB	c	ſ
SMALL TILDE uni02DC	~	•
DOUBLE ACUTE ACCENT uni02DD	//	**
COMBINING DOT ABOVE uni0307		





















