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	IBM Plex Serif Thin	IBM Plex Serif ExtraLight	IBM Plex Serif Light	IBM Plex Serif	IBM Plex Serif Medium	IBM Plex Serif SemiBold	IBM Plex Serif Bold	IBM Plex Serif Thin Italic	IBM Plex Serif ExtraLight Italic	IBM Plex Serif Light Italic	IBM Plex Serif Italic	IBM Plex Serif Medium Italic	IBM Plex Serif SemiBold Italic	IBM Plex Serif Bold Italic
uni0000	?	?	?	?	?	?	?	?	?	?	?	?	?	?
uni000D														
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 uni002A	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PLUS SIGN uni002B	+	+	+	+	+	+	+	+	+	+	+	+	+	+
COMMA uni002C	,	,	,	,	,	,	,	,	,	,	,	,	,	,

HYPHEN-MINUS uni002D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULL STOP uni002E	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SOLIDUS uni002F	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
DIGIT ZERO uni0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIGIT ONE uni0031	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIGIT TWO uni0032	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DIGIT THREE uni0033	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DIGIT FOUR uni0034	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
DIGIT FIVE uni0035	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
DIGIT SIX uni0036	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
DIGIT SEVEN uni0037	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
DIGIT EIGHT uni0038	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
DIGIT NINE uni0039	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
COLON uni003A	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
SEMICOLON uni003B	;	;	;	;	;	;	;	;	;	;	;	;	;	;	;
LESS-THAN SIGN uni003C	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
EQUALS SIGN uni003D	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
GREATER-THAN SIGN uni003E	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>
QUESTION MARK uni003F	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
COMMERCIAL AT uni0040	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
LATIN CAPITAL LETTER A uni0041	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
LATIN CAPITAL LETTER B uni0042	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
LATIN CAPITAL LETTER C uni0043	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
LATIN CAPITAL LETTER D uni0044	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LATIN CAPITAL LETTER E uni0045	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
LATIN CAPITAL LETTER F uni0046	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

LATIN CAPITAL LETTER G uni0047	G	G	G	G	G	G	G	G	*G*	*G*	*G*	*G*	*G*	*G*	*G*
LATIN CAPITAL LETTER H uni0048	H	H	H	H	H	H	H	H	*H*	*H*	*H*	*H*	*H*	*H*	*H*
LATIN CAPITAL LETTER I uni0049	I	I	I	I	I	I	I	I	*I*	*I*	*I*	*I*	*I*	*I*	*I*
LATIN CAPITAL LETTER J uni004A	J	J	J	J	J	J	J	J	*J*	*J*	*J*	*J*	*J*	*J*	*J*
LATIN CAPITAL LETTER K uni004B	K	K	K	K	K	K	K	K	*K*	*K*	*K*	*K*	*K*	*K*	*K*
LATIN CAPITAL LETTER L uni004C	L	L	L	L	L	L	L	L	*L*	*L*	*L*	*L*	*L*	*L*	*L*
LATIN CAPITAL LETTER M uni004D	M	M	M	M	M	M	M	M	*M*	*M*	*M*	*M*	*M*	*M*	*M*
LATIN CAPITAL LETTER N uni004E	N	N	N	N	N	N	N	N	*N*	*N*	*N*	*N*	*N*	*N*	*N*
LATIN CAPITAL LETTER O uni004F	O	O	O	O	O	O	O	O	*O*	*O*	*O*	*O*	*O*	*O*	*O*
LATIN CAPITAL LETTER P uni0050	P	P	P	P	P	P	P	P	*P*	*P*	*P*	*P*	*P*	*P*	*P*
LATIN CAPITAL LETTER Q uni0051	Q	Q	Q	Q	Q	Q	Q	Q	*Q*	*Q*	*Q*	*Q*	*Q*	*Q*	*Q*
LATIN CAPITAL LETTER R uni0052	R	R	R	R	R	R	R	R	*R*	*R*	*R*	*R*	*R*	*R*	*R*
LATIN CAPITAL LETTER S uni0053	S	S	S	S	S	S	S	S	*S*	*S*	*S*	*S*	*S*	*S*	*S*
LATIN CAPITAL LETTER T uni0054	T	T	T	T	T	T	T	T	*T*	*T*	*T*	*T*	*T*	*T*	*T*
LATIN CAPITAL LETTER U uni0055	U	U	U	U	U	U	U	U	*U*	*U*	*U*	*U*	*U*	*U*	*U*
LATIN CAPITAL LETTER V uni0056	V	V	V	V	V	V	V	V	*V*	*V*	*V*	*V*	*V*	*V*	*V*
LATIN CAPITAL LETTER W uni0057	W	W	W	W	W	W	W	W	*W*	*W*	*W*	*W*	*W*	*W*	*W*
LATIN CAPITAL LETTER X uni0058	X	X	X	X	X	X	X	X	*X*	*X*	*X*	*X*	*X*	*X*	*X*
LATIN CAPITAL LETTER Y uni0059	Y	Y	Y	Y	Y	Y	Y	Y	*Y*	*Y*	*Y*	*Y*	*Y*	*Y*	*Y*
LATIN CAPITAL LETTER Z uni005A	Z	Z	Z	Z	Z	Z	Z	Z	*Z*	*Z*	*Z*	*Z*	*Z*	*Z*	*Z*
LEFT SQUARE BRACKET uni005B	[	[	[	[	[	[	[	[	*[*	*[*	*[*	*[*	*[*	*[*	*[*

REVERSE SOLIDUS uni005C	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\
RIGHT SQUARE BRACKET uni005D	]	]	]	]	]	]	]	]	]	]	]	]	]	]	]
CIRCUMFLEX ACCENT uni005E	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^
LOW LINE uni005F	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
GRAVE ACCENT uni0060	`	`	`	`	`	`	`	`	`	`	`	`	`	`	`
LATIN SMALL LETTER A uni0061	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
LATIN SMALL LETTER B uni0062	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
LATIN SMALL LETTER C uni0063	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
LATIN SMALL LETTER D uni0064	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
LATIN SMALL LETTER E uni0065	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e
LATIN SMALL LETTER F uni0066	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
LATIN SMALL LETTER G uni0067	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g
LATIN SMALL LETTER H uni0068	h	h	h	h	h	h	h	h	h	h	h	h	h	h	h
LATIN SMALL LETTER I uni0069	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i
LATIN SMALL LETTER J uni006A	j	j	j	j	j	j	j	j	j	j	j	j	j	j	j
LATIN SMALL LETTER K uni006B	k	k	k	k	k	k	k	k	k	k	k	k	k	k	k
LATIN SMALL LETTER L uni006C	l	l	l	l	l	l	l	l	l	l	l	l	l	l	l
LATIN SMALL LETTER M uni006D	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
LATIN SMALL LETTER N uni006E	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
LATIN SMALL LETTER O uni006F	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
LATIN SMALL LETTER P uni0070	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
LATIN SMALL LETTER Q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q

uni0071															
LATIN SMALL LETTER R uni0072	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LATIN SMALL LETTER S uni0073															
LATIN SMALL LETTER T uni0074	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
LATIN SMALL LETTER U uni0075	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u
LATIN SMALL LETTER V uni0076	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
LATIN SMALL LETTER W uni0077	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
LATIN SMALL LETTER X uni0078	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
LATIN SMALL LETTER Y uni0079	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
LATIN SMALL LETTER Z uni007A	z	z	z	z	z	z	z	z	z	z	z	z	z	z	z
LEFT CURLY BRACKET uni007B	{	{	{	{	{	{	{	{	{	{	{	{	{	{	{
VERTICAL LINE uni007C	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|
RIGHT CURLY BRACKET uni007D	}	}	}	}	}	}	}	}	}	}	}	}	}	}	}
TILDE uni007E	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NO-BREAK SPACE uni00A0															
INVERTED EXCLAMATION MARK uni00A1	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡	¡
CENT SIGN uni00A2	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢
POUND SIGN uni00A3	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
CURRENCY SIGN uni00A4	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤	¤
YEN SIGN uni00A5	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥
BROKEN BAR uni00A6	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦	¦
SECTION SIGN uni00A7	§	§	§	§	§	§	§	§	§	§	§	§	§	§	§
DIAERESIS uni00A8	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨
COPYRIGHT SIGN															

uni00A9	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
FEMININE ORDINAL INDICATOR uni00AA	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª	ª
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«	«	«	«	«	«	«	«	«	«	«	«	«	«
NOT SIGN uni00AC	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬	¬
SOFT HYPHEN uni00AD															
REGISTERED SIGN uni00AE	®	®	®	®	®	®	®	®	®	®	®	®	®	®	®
MACRON uni00AF	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯
DEGREE SIGN uni00B0	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
PLUS-MINUS SIGN uni00B1	±	±	±	±	±	±	±	±	±	±	±	±	±	±	±
SUPERSCRIPT TWO uni00B2	²	²	²	²	²	²	²	²	²	²	²	²	²	²	²
SUPERSCRIPT THREE uni00B3	³	³	³	³	³	³	³	³	³	³	³	³	³	³	³
ACUTE ACCENT uni00B4	´	´	´	´	´	´	´	´	´	´	´	´	´	´	´
MICRO SIGN uni00B5	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ	µ
PILCROW SIGN uni00B6	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶	¶
MIDDLE DOT uni00B7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
CEDILLA uni00B8	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸	¸
SUPERSCRIPT ONE uni00B9	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹
MASCULINE ORDINAL INDICATOR uni00BA	º	º	º	º	º	º	º	º	º	º	º	º	º	º	º
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»
VULGAR FRACTION ONE QUARTER uni00BC	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼
VULGAR FRACTION ONE HALF uni00BD	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
VULGAR FRACTION THREE QUARTERS uni00BE	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾
INVERTED															

QUESTION MARK uni00BF	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿	¿
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À	À	À	À	À	À	À	À	À	À	À	À	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È	È	È	È	È	È	È	È	È	È	È	È	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É	É	É	É	É	É	É	É	É	É	É	É	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï	Ï
LATIN CAPITAL LETTER ETH uni00D0	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð	Ð

LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö
MULTIPLICATION SIGN uni00D7	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ	Þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à	à	à	à	à	à	à	à	à	à	à	à	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á	á	á	á	á	á	á	á	á	á	á	á	á	á
LATIN SMALL LETTER A WITH	â	â	â	â	â	â	â	â	â	â	â	â	â	â	â

CIRCUMFLEX uni00E2															
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã	ã	ã	ã	ã	ã	ã	*ã*	*ã*	*ã*	*ã*	***ã***	***ã***	***ã***
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä	ä	ä	ä	ä	ä	ä	*ä*	*ä*	*ä*	*ä*	***ä***	***ä***	***ä***
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	å	å	å	å	å	å	å	*å*	*å*	*å*	*å*	***å***	***å***	***å***
LATIN SMALL LETTER AE uni00E6	æ	æ	æ	æ	æ	æ	æ	æ	*æ*	*æ*	*æ*	*æ*	***æ***	***æ***	***æ***
LATIN SMALL LETTER C WITH CEDILLA uni00E7	ç	ç	ç	ç	ç	ç	ç	ç	*ç*	*ç*	*ç*	*ç*	***ç***	***ç***	***ç***
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è	è	è	è	è	è	è	*è*	*è*	*è*	*è*	***è***	***è***	***è***
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é	é	é	é	é	é	é	*é*	*é*	*é*	*é*	***é***	***é***	***é***
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	ê	ê	ê	ê	ê	ê	ê	*ê*	*ê*	*ê*	*ê*	***ê***	***ê***	***ê***
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë	ë	ë	ë	ë	ë	ë	*ë*	*ë*	*ë*	*ë*	***ë***	***ë***	***ë***
LATIN SMALL LETTER I WITH GRAVE uni00EC	ì	ì	ì	ì	ì	ì	ì	ì	*ì*	*ì*	*ì*	*ì*	***ì***	***ì***	***ì***
LATIN SMALL LETTER I WITH ACUTE uni00ED	í	í	í	í	í	í	í	í	*í*	*í*	*í*	*í*	***í***	***í***	***í***
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	î	î	î	î	î	î	î	*î*	*î*	*î*	*î*	***î***	***î***	***î***
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	ï	ï	ï	ï	ï	ï	ï	ï	*ï*	*ï*	*ï*	*ï*	***ï***	***ï***	***ï***
LATIN SMALL LETTER ETH uni00F0	ð	ð	ð	ð	ð	ð	ð	ð	*ð*	*ð*	*ð*	*ð*	***ð***	***ð***	***ð***
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ	ñ	ñ	ñ	ñ	ñ	ñ	*ñ*	*ñ*	*ñ*	*ñ*	***ñ***	***ñ***	***ñ***
LATIN SMALL LETTER O WITH GRAVE uni00F2	ò	ò	ò	ò	ò	ò	ò	ò	*ò*	*ò*	*ò*	*ò*	***ò***	***ò***	***ò***
LATIN SMALL LETTER O WITH ACUTE uni00F3	ó	ó	ó	ó	ó	ó	ó	ó	*ó*	*ó*	*ó*	*ó*	***ó***	***ó***	***ó***

LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ	õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö	ö
DIVISION SIGN uni00F7	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û	û	û	û	û	û	û	û	û	û	û	û	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ	ÿ
LATIN CAPITAL LETTER A WITH MACRON uni0100	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā
LATIN SMALL LETTER A WITH MACRON uni0101	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā
LATIN CAPITAL LETTER A WITH BREVE uni0102	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă	Ă
LATIN SMALL LETTER A WITH BREVE uni0103	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą	Ą
LATIN SMALL LETTER A WITH OGONEK	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą

uni0105															
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć
LATIN CAPITAL LETTER C WITH CIRCUMFLEX uni0108	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ	Ĉ
LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ	ĉ
LATIN CAPITAL LETTER C WITH DOT ABOVE uni010A	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ	Ċ
LATIN SMALL LETTER C WITH DOT ABOVE uni010B	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	č	č	č	č	č	č	č	č	č	č	č	č	č	č	č
LATIN CAPITAL LETTER D WITH CARON uni010E	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď	Ď
LATIN SMALL LETTER D WITH CARON uni010F	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď
LATIN CAPITAL LETTER D WITH STROKE uni0110	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ
LATIN SMALL LETTER D WITH STROKE uni0111	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ	đ
LATIN CAPITAL LETTER E WITH MACRON uni0112	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē
LATIN SMALL LETTER E WITH MACRON uni0113	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē	ē
LATIN CAPITAL LETTER E WITH BREVE uni0114	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ	Ĕ
LATIN SMALL LETTER E WITH BREVE uni0115	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ	ĕ
LATIN CAPITAL LETTER E WITH DOT ABOVE uni0116	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė	Ė

LATIN SMALL LETTER E WITH DOT ABOVE uni0117	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė	ė
LATIN CAPITAL LETTER E WITH OGONEK uni0118	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę	Ę
LATIN SMALL LETTER E WITH OGONEK uni0119	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę	ę
LATIN CAPITAL LETTER E WITH CARON uni011A	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě	Ě
LATIN SMALL LETTER E WITH CARON uni011B	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě	ě
LATIN CAPITAL LETTER G WITH CIRCUMFLEX uni011C	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ	Ĝ
LATIN SMALL LETTER G WITH CIRCUMFLEX uni011D	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ	ĝ
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ	ğ
LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ	Ġ
LATIN SMALL LETTER G WITH DOT ABOVE uni0121	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ	ġ
LATIN CAPITAL LETTER G WITH CEDILLA uni0122	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ	Ģ
LATIN SMALL LETTER G WITH CEDILLA uni0123	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ	ģ
LATIN CAPITAL LETTER H WITH CIRCUMFLEX uni0124	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ
LATIN SMALL LETTER H WITH CIRCUMFLEX uni0125	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ
LATIN CAPITAL LETTER H WITH STROKE uni0126	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ	Ħ
LATIN SMALL LETTER H WITH STROKE uni0127	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ	ħ

LATIN CAPITAL LETTER I WITH TILDE uni0128	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ
LATIN SMALL LETTER I WITH TILDE uni0129	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ	ĩ
LATIN CAPITAL LETTER I WITH MACRON uni012A	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī
LATIN SMALL LETTER I WITH MACRON uni012B	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī	ī
LATIN CAPITAL LETTER I WITH BREVE uni012C	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ	Ĭ
LATIN SMALL LETTER I WITH BREVE uni012D	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ	ĭ
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į	Į
LATIN SMALL LETTER I WITH OGONEK uni012F	į	į	į	į	į	į	į	į	į	į	į	į	į	į	į
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı	ı
LATIN CAPITAL LIGATURE IJ uni0132	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ	IJ
LATIN SMALL LIGATURE IJ uni0133	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij	ij
LATIN CAPITAL LETTER J WITH CIRCUMFLEX uni0134	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ	Ĵ
LATIN SMALL LETTER J WITH CIRCUMFLEX uni0135	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ	ĵ
LATIN CAPITAL LETTER K WITH CEDILLA uni0136	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ	Ķ
LATIN SMALL LETTER K WITH CEDILLA uni0137	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ	ķ
LATIN SMALL LETTER KRA uni0138	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ	ĸ

LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ	Ĺ
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ	ĺ
LATIN CAPITAL LETTER L WITH CEDILLA uni013B	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ	Ļ
LATIN SMALL LETTER L WITH CEDILLA uni013C	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ	ļ
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ	Ľ
LATIN SMALL LETTER L WITH CARON uni013E	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ
LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł	ł	ł	ł	ł	ł	ł	ł	ł	ł	ł	ł	ł
LATIN CAPITAL LETTER N WITH ACUTE uni0143	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń	Ń
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	ń	ń	ń	ń	ń	ń	ń	ń	ń	ń	ń	ń	ń
LATIN CAPITAL LETTER N WITH CEDILLA uni0145	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ	Ņ
LATIN SMALL LETTER N WITH CEDILLA uni0146	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ	ņ
LATIN CAPITAL LETTER N WITH CARON uni0147	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň	Ň
LATIN SMALL LETTER N WITH CARON uni0148	ň	ň	ň	ň	ň	ň	ň	ň	ň	ň	ň	ň	ň	ň
LATIN SMALL LETTER N PRECEDED BY	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn	ʼn

APOSTROPHE uni0149														
LATIN CAPITAL LETTER ENG uni014A	ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ	Ŋ
LATIN SMALL LETTER ENG uni014B	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ
LATIN CAPITAL LETTER O WITH MACRON uni014C	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō
LATIN SMALL LETTER O WITH MACRON uni014D	ō	ō	ō	ō	ō	ō	ō	ō	ō	ō	ō	ō	ō	ō
LATIN CAPITAL LETTER O WITH BREVE uni014E	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ
LATIN SMALL LETTER O WITH BREVE uni014F	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
LATIN CAPITAL LETTER O WITH DOUBLE ACUTE uni0150	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő	Ő
LATIN SMALL LETTER O WITH DOUBLE ACUTE uni0151	ő	ő	ő	ő	ő	ő	ő	ő	ő	ő	ő	ő	ő	ő
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ
LATIN CAPITAL LETTER R WITH ACUTE uni0154	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ
LATIN SMALL LETTER R WITH ACUTE uni0155	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ
LATIN SMALL LETTER R WITH CEDILLA uni0157	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř	Ř
LATIN SMALL LETTER R WITH CARON uni0159	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř
LATIN CAPITAL LETTER S WITH ACUTE uni015A	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś	Ś
LATIN SMALL LETTER S WITH ACUTE	ś	ś	ś	ś	ś	ś	ś	ś	ś	ś	ś	ś	ś	ś

uni015B

LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ	Ŝ
LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş	Ş
LATIN SMALL LETTER S WITH CEDILLA uni015F	ş	ş	ş	ş	ş	ş	ş	ş	ş	ş	ş	ş	ş	ş
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š	Š	Š	Š	Š	Š	Š	Š	Š	Š	Š	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	š	š	š	š	š	š	š	š	š	š	š	š	š	š
LATIN CAPITAL LETTER T WITH CEDILLA uni0162	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ
LATIN SMALL LETTER T WITH CEDILLA uni0163	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ	ţ
LATIN CAPITAL LETTER T WITH CARON uni0164	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť
LATIN SMALL LETTER T WITH CARON uni0165	ť	ť	ť	ť	ť	ť	ť	ť	ť	ť	ť	ť	ť	ť
LATIN CAPITAL LETTER T WITH STROKE uni0166	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	Ŧ
LATIN SMALL LETTER T WITH STROKE uni0167	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ	ŧ
LATIN CAPITAL LETTER U WITH TILDE uni0168	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ	Ũ
LATIN SMALL LETTER U WITH TILDE uni0169	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ	ũ
LATIN CAPITAL LETTER U WITH MACRON uni016A	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū
LATIN SMALL LETTER U WITH MACRON uni016B	ū	ū	ū	ū	ū	ū	ū	ū	ū	ū	ū	ū	ū	ū
LATIN CAPITAL LETTER U WITH BREVE uni016C	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ

LATIN SMALL LETTER U WITH BREVE uni016D	ŭ	ŭ	ŭ	ŭ	ŭ	ŭ	ŭ	ŭ	*ŭ*	*ŭ*	*ŭ*	*ŭ*	*ŭ*	*ŭ*
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	*Ů*	*Ů*	*Ů*	*Ů*	*Ů*	*Ů*
LATIN SMALL LETTER U WITH RING ABOVE uni016F	ů	ů	ů	ů	ů	ů	ů	ů	*ů*	*ů*	*ů*	*ů*	*ů*	*ů*
LATIN CAPITAL LETTER U WITH DOUBLE ACUTE uni0170	Ű	Ű	Ű	Ű	Ű	Ű	Ű	Ű	*Ű*	*Ű*	*Ű*	*Ű*	*Ű*	*Ű*
LATIN SMALL LETTER U WITH DOUBLE ACUTE uni0171	ű	ű	ű	ű	ű	ű	ű	ű	*ű*	*ű*	*ű*	*ű*	*ű*	*ű*
LATIN CAPITAL LETTER U WITH OGONEK uni0172	Ų	Ų	Ų	Ų	Ų	Ų	Ų	Ų	*Ų*	*Ų*	*Ų*	*Ų*	*Ų*	*Ų*
LATIN SMALL LETTER U WITH OGONEK uni0173	ų	ų	ų	ų	ų	ų	ų	ų	*ų*	*ų*	*ų*	*ų*	*ų*	*ų*
LATIN CAPITAL LETTER W WITH CIRCUMFLEX uni0174	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	*Ŵ*	*Ŵ*	*Ŵ*	*Ŵ*	*Ŵ*	*Ŵ*
LATIN SMALL LETTER W WITH CIRCUMFLEX uni0175	ŵ	ŵ	ŵ	ŵ	ŵ	ŵ	ŵ	ŵ	*ŵ*	*ŵ*	*ŵ*	*ŵ*	*ŵ*	*ŵ*
LATIN CAPITAL LETTER Y WITH CIRCUMFLEX uni0176	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	*Ŷ*	*Ŷ*	*Ŷ*	*Ŷ*	*Ŷ*	*Ŷ*
LATIN SMALL LETTER Y WITH CIRCUMFLEX uni0177	ŷ	ŷ	ŷ	ŷ	ŷ	ŷ	ŷ	ŷ	*ŷ*	*ŷ*	*ŷ*	*ŷ*	*ŷ*	*ŷ*
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ	Ÿ	Ÿ	Ÿ	Ÿ	Ÿ	Ÿ	*Ÿ*	*Ÿ*	*Ÿ*	*Ÿ*	*Ÿ*	*Ÿ*
LATIN CAPITAL LETTER Z WITH ACUTE uni0179	Ź	Ź	Ź	Ź	Ź	Ź	Ź	Ź	*Ź*	*Ź*	*Ź*	*Ź*	*Ź*	*Ź*
LATIN SMALL LETTER Z WITH ACUTE uni017A	ź	ź	ź	ź	ź	ź	ź	ź	*ź*	*ź*	*ź*	*ź*	*ź*	*ź*
LATIN CAPITAL LETTER Z WITH DOT ABOVE uni017B	Ż	Ż	Ż	Ż	Ż	Ż	Ż	Ż	*Ż*	*Ż*	*Ż*	*Ż*	*Ż*	*Ż*
LATIN SMALL LETTER Z WITH DOT ABOVE uni017C	ż	ż	ż	ż	ż	ż	ż	ż	*ż*	*ż*	*ż*	*ż*	*ż*	*ż*
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž	Ž	Ž	Ž	Ž	Ž	Ž	*Ž*	*Ž*	*Ž*	*Ž*	*Ž*	*Ž*

LATIN SMALL

LETTER Z WITH CARON uni017E	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž
LATIN CAPITAL LETTER SCHWA uni018F	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə	Ə
LATIN SMALL LETTER F WITH HOOK uni0192	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ
LATIN CAPITAL LETTER O WITH HORN uni01A0	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ	Ơ
LATIN SMALL LETTER O WITH HORN uni01A1	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ	ơ
LATIN CAPITAL LETTER U WITH HORN uni01AF	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư
LATIN SMALL LETTER U WITH HORN uni01B0	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư	ư
LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE uni01FA	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ
LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE uni01FB	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ
LATIN CAPITAL LETTER AE WITH ACUTE uni01FC	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ	Ǽ
LATIN SMALL LETTER AE WITH ACUTE uni01FD	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ	ǽ
LATIN CAPITAL LETTER O WITH STROKE AND ACUTE uni01FE	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ	Ǿ
LATIN SMALL LETTER O WITH STROKE AND ACUTE uni01FF	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ	ǿ
LATIN CAPITAL LETTER S WITH COMMA BELOW uni0218	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș	Ș
LATIN SMALL LETTER S WITH COMMA BELOW uni0219	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș	ș
LATIN CAPITAL LETTER T WITH COMMA BELOW uni021A	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț	Ț
LATIN SMALL LETTER T WITH COMMA BELOW uni021B	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț	ț

LATIN SMALL LETTER DOTLESS J uni0237	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ
LATIN SMALL LETTER SCHWA uni0259	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə	ə
MODIFIER LETTER TURNED COMMA uni02BB	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ	ʻ
MODIFIER LETTER APOSTROPHE uni02BC	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ	ʼ
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ
CARON uni02C7	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ
BREVE uni02D8	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘
DOT ABOVE uni02D9	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙
RING ABOVE uni02DA	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚	˚
OGONEK uni02DB	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛	˛
SMALL TILDE uni02DC	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜	˜
DOUBLE ACUTE ACCENT uni02DD	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝
COMBINING GRAVE ACCENT uni0300															
COMBINING ACUTE ACCENT uni0301															
COMBINING CIRCUMFLEX ACCENT uni0302															
COMBINING TILDE uni0303															
COMBINING MACRON uni0304															
COMBINING BREVE uni0306															
COMBINING DOT ABOVE uni0307															
COMBINING DIAERESIS uni0308															
COMBINING HOOK ABOVE uni0309															
COMBINING RING ABOVE uni030A															
COMBINING DOUBLE ACUTE ACCENT															

uni030B															
COMBINING CARON uni030C															
COMBINING TURNED COMMA ABOVE uni0312															
COMBINING COMMA ABOVE RIGHT uni0315															
COMBINING HORN uni031B															
COMBINING DOT BELOW uni0323															
COMBINING COMMA BELOW uni0326															
COMBINING CEDILLA uni0327															
COMBINING OGONEK uni0328															
GREEK SMALL LETTER PI uni03C0	π	π	π	π	π	π	π	π	π	π	π	π	π	π	π
CYRILLIC CAPITAL LETTER IE WITH GRAVE uni0400	È	È	È	È	È	È	È	È	È	È	È	È	È	È	È
CYRILLIC CAPITAL LETTER IO uni0401	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё	Ё
CYRILLIC CAPITAL LETTER DJE uni0402	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ	Ђ
CYRILLIC CAPITAL LETTER GJE uni0403	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ	Ѓ
CYRILLIC CAPITAL LETTER UKRAINIAN IE uni0404	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є	Є
CYRILLIC CAPITAL LETTER DZE uni0405	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I uni0406	І	І	І	І	І	І	І	І	І	І	І	І	І	І	І
CYRILLIC CAPITAL LETTER YI uni0407	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї	Ї
CYRILLIC CAPITAL LETTER JE uni0408	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
CYRILLIC CAPITAL LETTER LJE uni0409	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ	Љ
CYRILLIC CAPITAL	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ

LETTER NJE uni040A														
CYRILLIC CAPITAL LETTER TSHE uni040B	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ	Ћ
CYRILLIC CAPITAL LETTER KJE uni040C	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ	Ќ
CYRILLIC CAPITAL LETTER I WITH GRAVE uni040D	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ	Ѝ
CYRILLIC CAPITAL LETTER SHORT U uni040E	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў	Ў
CYRILLIC CAPITAL LETTER DZHE uni040F	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱	Ц̱
CYRILLIC CAPITAL LETTER A uni0410	А	А	А	А	А	А	А	А	А	А	А	А	А	А
CYRILLIC CAPITAL LETTER BE uni0411	Б	Б	Б	Б	Б	Б	Б	Б	Б	Б	Б	Б	Б	Б
CYRILLIC CAPITAL LETTER VE uni0412	В	В	В	В	В	В	В	В	В	В	В	В	В	В
CYRILLIC CAPITAL LETTER GHE uni0413	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г
CYRILLIC CAPITAL LETTER DE uni0414	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д
CYRILLIC CAPITAL LETTER IE uni0415	Е	Е	Е	Е	Е	Е	Е	Е	Е	Е	Е	Е	Е	Е
CYRILLIC CAPITAL LETTER ZHE uni0416	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж	Ж
CYRILLIC CAPITAL LETTER ZE uni0417	З	З	З	З	З	З	З	З	З	З	З	З	З	З
CYRILLIC CAPITAL LETTER I uni0418	И	И	И	И	И	И	И	И	И	И	И	И	И	И
CYRILLIC CAPITAL LETTER SHORT I uni0419	Й	Й	Й	Й	Й	Й	Й	Й	Й	Й	Й	Й	Й	Й
CYRILLIC CAPITAL LETTER KA uni041A	К	К	К	К	К	К	К	К	К	К	К	К	К	К
CYRILLIC CAPITAL LETTER EL uni041B	Л	Л	Л	Л	Л	Л	Л	Л	Л	Л	Л	Л	Л	Л
CYRILLIC CAPITAL LETTER EM uni041C	М	М	М	М	М	М	М	М	М	М	М	М	М	М
CYRILLIC CAPITAL LETTER EN uni041D	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CYRILLIC CAPITAL LETTER O uni041E	О	О	О	О	О	О	О	О	О	О	О	О	О	О
CYRILLIC CAPITAL LETTER PE														

uni041F	П	П	П	П	П	П	П	П	П	П	П	П	П	П	П
CYRILLIC CAPITAL LETTER ER uni0420	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
CYRILLIC CAPITAL LETTER ES uni0421	С	С	С	С	С	С	С	С	С	С	С	С	С	С	С
CYRILLIC CAPITAL LETTER TE uni0422	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т
CYRILLIC CAPITAL LETTER U uni0423	У	У	У	У	У	У	У	У	У	У	У	У	У	У	У
CYRILLIC CAPITAL LETTER EF uni0424	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф	Ф
CYRILLIC CAPITAL LETTER HA uni0425	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
CYRILLIC CAPITAL LETTER TSE uni0426	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц	Ц
CYRILLIC CAPITAL LETTER CHE uni0427	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч	Ч
CYRILLIC CAPITAL LETTER SHA uni0428	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш
CYRILLIC CAPITAL LETTER SHCHA uni0429	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ	Щ
CYRILLIC CAPITAL LETTER HARD SIGN uni042A	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ	Ъ
CYRILLIC CAPITAL LETTER YERU uni042B	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы	Ы
CYRILLIC CAPITAL LETTER SOFT SIGN uni042C	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь	Ь
CYRILLIC CAPITAL LETTER E uni042D	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э	Э
CYRILLIC CAPITAL LETTER YU uni042E	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю	Ю
CYRILLIC CAPITAL LETTER YA uni042F	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я	Я
CYRILLIC SMALL LETTER A uni0430	а	а	а	а	а	а	а	а	а	а	а	а	а	а	а
CYRILLIC SMALL LETTER BE uni0431	б	б	б	б	б	б	б	б	б	б	б	б	б	б	б
CYRILLIC SMALL LETTER VE uni0432	в	в	в	в	в	в	в	в	в	в	в	в	в	в	в
CYRILLIC SMALL LETTER GHE uni0433	г	г	г	г	г	г	г	г	г	г	г	г	г	г	г
CYRILLIC SMALL															

LETTER DE uni0434	д	д	д	д	д	д	д	д	*д*	*д*	*д*	*д*	***д***	***д***	***д***
CYRILLIC SMALL LETTER IE uni0435	е	е	е	е	е	е	е	е	*е*	*е*	*е*	*е*	***е***	***е***	***е***
CYRILLIC SMALL LETTER ZHE uni0436	ж	ж	ж	ж	ж	ж	ж	ж	*ж*	*ж*	*ж*	*ж*	***ж***	***ж***	***ж***
CYRILLIC SMALL LETTER ZE uni0437	з	з	з	з	з	з	з	з	*з*	*з*	*з*	*з*	***з***	***з***	***з***
CYRILLIC SMALL LETTER I uni0438	и	и	и	и	и	и	и	и	*и*	*и*	*и*	*и*	***и***	***и***	***и***
CYRILLIC SMALL LETTER SHORT I uni0439	й	й	й	й	й	й	й	й	*й*	*й*	*й*	*й*	***й***	***й***	***й***
CYRILLIC SMALL LETTER KA uni043A	к	к	к	к	к	к	к	к	*к*	*к*	*к*	*к*	***к***	***к***	***к***
CYRILLIC SMALL LETTER EL uni043B	л	л	л	л	л	л	л	л	*л*	*л*	*л*	*л*	***л***	***л***	***л***
CYRILLIC SMALL LETTER EM uni043C	м	м	м	м	м	м	м	м	*м*	*м*	*м*	*м*	***м***	***м***	***м***
CYRILLIC SMALL LETTER EN uni043D	н	н	н	н	н	н	н	н	*н*	*н*	*н*	*н*	***н***	***н***	***н***
CYRILLIC SMALL LETTER O uni043E	о	о	о	о	о	о	о	о	*о*	*о*	*о*	*о*	***о***	***о***	***о***
CYRILLIC SMALL LETTER PE uni043F	п	п	п	п	п	п	п	п	*п*	*п*	*п*	*п*	***п***	***п***	***п***
CYRILLIC SMALL LETTER ER uni0440	р	р	р	р	р	р	р	р	*р*	*р*	*р*	*р*	***р***	***р***	***р***
CYRILLIC SMALL LETTER ES uni0441	с	с	с	с	с	с	с	с	*с*	*с*	*с*	*с*	***с***	***с***	***с***
CYRILLIC SMALL LETTER TE uni0442	т	т	т	т	т	т	т	т	*т*	*т*	*т*	*т*	***т***	***т***	***т***
CYRILLIC SMALL LETTER U uni0443	у	у	у	у	у	у	у	у	*у*	*у*	*у*	*у*	***у***	***у***	***у***
CYRILLIC SMALL LETTER EF uni0444	ф	ф	ф	ф	ф	ф	ф	ф	*ф*	*ф*	*ф*	*ф*	***ф***	***ф***	***ф***
CYRILLIC SMALL LETTER HA uni0445	х	х	х	х	х	х	х	х	*х*	*х*	*х*	*х*	***х***	***х***	***х***
CYRILLIC SMALL LETTER TSE uni0446	ц	ц	ц	ц	ц	ц	ц	ц	*ц*	*ц*	*ц*	*ц*	***ц***	***ц***	***ц***
CYRILLIC SMALL LETTER CHE uni0447	ч	ч	ч	ч	ч	ч	ч	ч	*ч*	*ч*	*ч*	*ч*	***ч***	***ч***	***ч***
CYRILLIC SMALL LETTER SHA uni0448	ш	ш	ш	ш	ш	ш	ш	ш	*ш*	*ш*	*ш*	*ш*	***ш***	***ш***	***ш***

CYRILLIC SMALL LETTER SHCHA uni0449	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ	щ
CYRILLIC SMALL LETTER HARD SIGN uni044A	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ	ъ
CYRILLIC SMALL LETTER YERU uni044B	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы	ы
CYRILLIC SMALL LETTER SOFT SIGN uni044C	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь	ь
CYRILLIC SMALL LETTER E uni044D	э	э	э	э	э	э	э	э	э	э	э	э	э	э	э
CYRILLIC SMALL LETTER YU uni044E	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю	ю
CYRILLIC SMALL LETTER YA uni044F	я	я	я	я	я	я	я	я	я	я	я	я	я	я	я
CYRILLIC SMALL LETTER IE WITH GRAVE uni0450	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ	ѐ
CYRILLIC SMALL LETTER IO uni0451	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё	ё
CYRILLIC SMALL LETTER DJE uni0452	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ	ђ
CYRILLIC SMALL LETTER GJE uni0453	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ	ѓ
CYRILLIC SMALL LETTER UKRAINIAN IE uni0454	є	є	є	є	є	є	є	є	є	є	є	є	є	є	є
CYRILLIC SMALL LETTER DZE uni0455	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ	ѕ
CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I uni0456	і	і	і	і	і	і	і	і	і	і	і	і	і	і	і
CYRILLIC SMALL LETTER YI uni0457	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї	ї
CYRILLIC SMALL LETTER JE uni0458	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј	ј
CYRILLIC SMALL LETTER LJE uni0459	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ	љ
CYRILLIC SMALL LETTER NJE uni045A	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ	њ
CYRILLIC SMALL LETTER TSHE uni045B	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ	ћ
CYRILLIC SMALL LETTER KJE uni045C	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ	ќ
CYRILLIC SMALL LETTER I WITH	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ	ѝ

GRAVE uni045D															
CYRILLIC SMALL LETTER SHORT U uni045E	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў	ў
CYRILLIC SMALL LETTER DZHE uni045F	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀	ц̀
CYRILLIC CAPITAL LETTER FITA uni0472	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ	Ѳ
CYRILLIC SMALL LETTER FITA uni0473	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ	ѳ
CYRILLIC CAPITAL LETTER GHE WITH UPTURN uni0490	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀	Ґ̀
CYRILLIC SMALL LETTER GHE WITH UPTURN uni0491	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀	ґ̀
CYRILLIC CAPITAL LETTER GHE WITH STROKE uni0492	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ	Ғ
CYRILLIC SMALL LETTER GHE WITH STROKE uni0493	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ	ғ
CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK uni0494	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ	Ҕ
CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK uni0495	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ
CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER uni0496	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣	Ж̣
CYRILLIC SMALL LETTER ZHE WITH DESCENDER uni0497	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣	ж̣
CYRILLIC CAPITAL LETTER ZE WITH DESCENDER uni0498	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣	З̣
CYRILLIC SMALL LETTER ZE WITH DESCENDER uni0499	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣	з̣
CYRILLIC CAPITAL LETTER KA WITH DESCENDER uni049A	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣	Ҟ̣
CYRILLIC SMALL LETTER KA WITH DESCENDER uni049B	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣	ҟ̣
CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE uni049C	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ
CYRILLIC SMALL LETTER KA WITH	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ

VERTICAL STROKE uni049D															
CYRILLIC CAPITAL LETTER BASHKIR KA uni04A0	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ	Ҡ
CYRILLIC SMALL LETTER BASHKIR KA uni04A1	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ	ҡ
CYRILLIC CAPITAL LETTER EN WITH DESCENDER uni04A2	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ	Ӊ
CYRILLIC SMALL LETTER EN WITH DESCENDER uni04A3	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ	ӊ
CYRILLIC CAPITAL LIGATURE EN GHE uni04A4	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ	Ҥ
CYRILLIC SMALL LIGATURE EN GHE uni04A5	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ	ҥ
CYRILLIC CAPITAL LETTER ES WITH DESCENDER uni04AA	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ
CYRILLIC SMALL LETTER ES WITH DESCENDER uni04AB	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ	ҫ
CYRILLIC CAPITAL LETTER STRAIGHT U uni04AE	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү
CYRILLIC SMALL LETTER STRAIGHT U uni04AF	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү	ү
CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE uni04B0	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ	Ұ
CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE uni04B1	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ	ұ
CYRILLIC CAPITAL LETTER HA WITH DESCENDER uni04B2	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ	Ҳ
CYRILLIC SMALL LETTER HA WITH DESCENDER uni04B3	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ	ҳ
CYRILLIC CAPITAL LETTER CHE WITH DESCENDER uni04B6	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ	Ҷ
CYRILLIC SMALL LETTER CHE WITH DESCENDER uni04B7	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ	ҷ
CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE uni04B8	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ	Ҹ
CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ	ҹ

uni04B9

CYRILLIC CAPITAL LETTER SHHA uni04BA

CYRILLIC SMALL LETTER SHHA uni04BB

CYRILLIC LETTER PALOCHKA uni04C0

CYRILLIC CAPITAL LETTER ZHE WITH BREVE uni04C1

CYRILLIC SMALL LETTER ZHE WITH BREVE uni04C2

CYRILLIC SMALL LETTER PALOCHKA uni04CF

CYRILLIC CAPITAL LETTER A WITH BREVE uni04D0

CYRILLIC SMALL LETTER A WITH BREVE uni04D1

CYRILLIC CAPITAL LETTER A WITH DIAERESIS uni04D2

CYRILLIC SMALL LETTER A WITH DIAERESIS uni04D3

CYRILLIC CAPITAL LIGATURE A IE uni04D4

CYRILLIC SMALL LIGATURE A IE uni04D5

CYRILLIC CAPITAL LETTER IE WITH BREVE uni04D6

CYRILLIC SMALL LETTER IE WITH BREVE uni04D7

CYRILLIC CAPITAL LETTER SCHWA uni04D8

CYRILLIC SMALL LETTER SCHWA uni04D9

CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS uni04DC

CYRILLIC SMALL

LETTER ZHE WITH DIAERESIS uni04DD	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ	Ӝ
CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS uni04DE	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ	Ӟ
CYRILLIC SMALL LETTER ZE WITH DIAERESIS uni04DF	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ	ӟ
CYRILLIC CAPITAL LETTER I WITH MACRON uni04E2	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ	Ӣ
CYRILLIC SMALL LETTER I WITH MACRON uni04E3	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ	ӣ
CYRILLIC CAPITAL LETTER I WITH DIAERESIS uni04E4	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈	Ӣ̈
CYRILLIC SMALL LETTER I WITH DIAERESIS uni04E5	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈	ӣ̈
CYRILLIC CAPITAL LETTER O WITH DIAERESIS uni04E6	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ	Ӧ
CYRILLIC SMALL LETTER O WITH DIAERESIS uni04E7	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ	ӧ
CYRILLIC CAPITAL LETTER BARRED O uni04E8	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө	Ө
CYRILLIC SMALL LETTER BARRED O uni04E9	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө	ө
CYRILLIC CAPITAL LETTER U WITH MACRON uni04EE	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
CYRILLIC SMALL LETTER U WITH MACRON uni04EF	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ	ӯ
CYRILLIC CAPITAL LETTER U WITH DIAERESIS uni04F0	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ	Ӱ
CYRILLIC SMALL LETTER U WITH DIAERESIS uni04F1	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ	ӱ
CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE uni04F2	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ	Ӳ
CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE uni04F3	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ	ӳ

CYRILLIC CAPITAL

LETTER CHE WITH DIAERESIS uni04F4	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ	Ӵ
CYRILLIC SMALL LETTER CHE WITH DIAERESIS uni04F5	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ	ӵ
CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS uni04F8	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ	Ӹ
CYRILLIC SMALL LETTER YERU WITH DIAERESIS uni04F9	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ	ӹ
THAI CURRENCY SYMBOL BAHT uni0E3F	฿	฿	฿	฿	฿	฿	฿	฿	฿	฿	฿	฿	฿	฿
LATIN CAPITAL LETTER W WITH GRAVE uni1E80	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ	Ẁ
LATIN SMALL LETTER W WITH GRAVE uni1E81	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ	ẁ
LATIN CAPITAL LETTER W WITH ACUTE uni1E82	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ	Ẃ
LATIN SMALL LETTER W WITH ACUTE uni1E83	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ	ẃ
LATIN CAPITAL LETTER W WITH DIAERESIS uni1E84	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ	Ẅ
LATIN SMALL LETTER W WITH DIAERESIS uni1E85	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ	ẅ
LATIN CAPITAL LETTER SHARP S uni1E9E	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ	ẞ
LATIN CAPITAL LETTER A WITH DOT BELOW uni1EA0	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ	Ạ
LATIN SMALL LETTER A WITH DOT BELOW uni1EA1	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ	ạ
LATIN CAPITAL LETTER A WITH HOOK ABOVE uni1EA2	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả	Ả
LATIN SMALL LETTER A WITH HOOK ABOVE uni1EA3	ả	ả	ả	ả	ả	ả	ả	ả	ả	ả	ả	ả	ả	ả
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND ACUTE uni1EA4	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ	Ấ
LATIN SMALL LETTER A WITH	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ	ấ

CIRCUMFLEX AND ACUTE uni1EA5														
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND GRAVE uni1EA6	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ	Ầ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRAVE uni1EA7	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ	ầ
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE uni1EA8	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ	Ẩ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE uni1EA9	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ	ẩ
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND TILDE uni1EAA	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ	Ẫ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND TILDE uni1EAB	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ	ẫ
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND DOT BELOW uni1EAC	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ	Ậ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT BELOW uni1EAD	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ	ậ
LATIN CAPITAL LETTER A WITH BREVE AND ACUTE uni1EAE	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ	Ắ
LATIN SMALL LETTER A WITH BREVE AND ACUTE uni1EAF	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ	ắ
LATIN CAPITAL LETTER A WITH BREVE AND GRAVE uni1EB0	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ	Ằ
LATIN SMALL LETTER A WITH BREVE AND GRAVE uni1EB1	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ	ằ
LATIN CAPITAL LETTER A WITH BREVE AND HOOK ABOVE uni1EB2	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ	Ẳ
LATIN SMALL LETTER A WITH BREVE AND HOOK ABOVE uni1EB3	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ	ẳ
LATIN CAPITAL LETTER A WITH BREVE AND TILDE	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ	Ẵ

uni1EB4

LATIN SMALL LETTER A WITH BREVE AND TILDE
uni1EB5

LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW
uni1EB6

LATIN SMALL LETTER A WITH BREVE AND DOT BELOW
uni1EB7

LATIN CAPITAL LETTER E WITH DOT BELOW
uni1EB8

LATIN SMALL LETTER E WITH DOT BELOW
uni1EB9

LATIN CAPITAL LETTER E WITH HOOK ABOVE
uni1EBA

LATIN SMALL LETTER E WITH HOOK ABOVE
uni1EBB

LATIN CAPITAL LETTER E WITH TILDE
uni1EBC

LATIN SMALL LETTER E WITH TILDE
uni1EBD

LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND ACUTE
uni1EBE

LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACUTE
uni1EBF

LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND GRAVE
uni1EC0

LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRAVE
uni1EC1

LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE
uni1EC2

LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE
uni1EC3

LATIN CAPITAL LETTER E WITH

CIRCUMFLEX AND TILDE
uni1EC4

LATIN SMALL LETTER E WITH CIRCUMFLEX AND TILDE
uni1EC5

LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND DOT BELOW
uni1EC6

LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT BELOW
uni1EC7

LATIN CAPITAL LETTER I WITH HOOK ABOVE
uni1EC8

LATIN SMALL LETTER I WITH HOOK ABOVE
uni1EC9

LATIN CAPITAL LETTER I WITH DOT BELOW
uni1ECA

LATIN SMALL LETTER I WITH DOT BELOW
uni1ECB

LATIN CAPITAL LETTER O WITH DOT BELOW
uni1ECC

LATIN SMALL LETTER O WITH DOT BELOW
uni1ECD

LATIN CAPITAL LETTER O WITH HOOK ABOVE
uni1ECE

LATIN SMALL LETTER O WITH HOOK ABOVE
uni1ECF

LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND ACUTE
uni1ED0

LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACUTE
uni1ED1

LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND GRAVE
uni1ED2

LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRAVE
uni1ED3

LATIN CAPITAL

LETTER O WITH CIRCUMFLEX AND HOOK ABOVE uni1ED4	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ	Ổ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE uni1ED5	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ	ổ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND TILDE uni1ED6	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ	Ỗ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND TILDE uni1ED7	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ	ỗ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND DOT BELOW uni1ED8	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ	Ộ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT BELOW uni1ED9	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ	ộ
LATIN CAPITAL LETTER O WITH HORN AND ACUTE uni1EDA	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ	Ớ
LATIN SMALL LETTER O WITH HORN AND ACUTE uni1EDB	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ	ớ
LATIN CAPITAL LETTER O WITH HORN AND GRAVE uni1EDC	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ	Ờ
LATIN SMALL LETTER O WITH HORN AND GRAVE uni1EDD	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ	ờ
LATIN CAPITAL LETTER O WITH HORN AND HOOK ABOVE uni1EDE	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở	Ở
LATIN SMALL LETTER O WITH HORN AND HOOK ABOVE uni1EDF	ở	ở	ở	ở	ở	ở	ở	ở	ở	ở	ở	ở	ở	ở
LATIN CAPITAL LETTER O WITH HORN AND TILDE uni1EE0	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ	Ỡ
LATIN SMALL LETTER O WITH HORN AND TILDE uni1EE1	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ	ỡ
LATIN CAPITAL LETTER O WITH HORN AND DOT BELOW uni1EE2	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ	Ợ
LATIN SMALL LETTER O WITH	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ	ợ

HORN AND DOT BELOW uni1EE3														
LATIN CAPITAL LETTER U WITH DOT BELOW uni1EE4	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ	Ụ
LATIN SMALL LETTER U WITH DOT BELOW uni1EE5	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ	ụ
LATIN CAPITAL LETTER U WITH HOOK ABOVE uni1EE6	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ	Ủ
LATIN SMALL LETTER U WITH HOOK ABOVE uni1EE7	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ	ủ
LATIN CAPITAL LETTER U WITH HORN AND ACUTE uni1EE8	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ	Ứ
LATIN SMALL LETTER U WITH HORN AND ACUTE uni1EE9	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ	ứ
LATIN CAPITAL LETTER U WITH HORN AND GRAVE uni1EEA	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ	Ừ
LATIN SMALL LETTER U WITH HORN AND GRAVE uni1EEB	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ	ừ
LATIN CAPITAL LETTER U WITH HORN AND HOOK ABOVE uni1EEC	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử	Ử
LATIN SMALL LETTER U WITH HORN AND HOOK ABOVE uni1EED	ử	ử	ử	ử	ử	ử	ử	ử	ử	ử	ử	ử	ử	ử
LATIN CAPITAL LETTER U WITH HORN AND TILDE uni1EEE	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ	Ữ
LATIN SMALL LETTER U WITH HORN AND TILDE uni1EEF	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ	ữ
LATIN CAPITAL LETTER U WITH HORN AND DOT BELOW uni1EF0	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự	Ự
LATIN SMALL LETTER U WITH HORN AND DOT BELOW uni1EF1	ự	ự	ự	ự	ự	ự	ự	ự	ự	ự	ự	ự	ự	ự
LATIN CAPITAL LETTER Y WITH GRAVE uni1EF2	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ
LATIN SMALL LETTER Y WITH GRAVE uni1EF3	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ	ỳ

LATIN CAPITAL LETTER Y WITH DOT BELOW uni1EF4	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ	Ỵ
LATIN SMALL LETTER Y WITH DOT BELOW uni1EF5	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ	ỵ
LATIN CAPITAL LETTER Y WITH HOOK ABOVE uni1EF6	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ	Ỷ
LATIN SMALL LETTER Y WITH HOOK ABOVE uni1EF7	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ	ỷ
LATIN CAPITAL LETTER Y WITH TILDE uni1EF8	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ	Ỹ
LATIN SMALL LETTER Y WITH TILDE uni1EF9	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ	ỹ
EN DASH uni2013	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EM DASH uni2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
LEFT SINGLE QUOTATION MARK uni2018	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘	‘
RIGHT SINGLE QUOTATION MARK uni2019	’	’	’	’	’	’	’	’	’	’	’	’	’	’	’
SINGLE LOW-9 QUOTATION MARK uni201A	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚	‚
LEFT DOUBLE QUOTATION MARK uni201C	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“
RIGHT DOUBLE QUOTATION MARK uni201D	”	”	”	”	”	”	”	”	”	”	”	”	”	”	”
DOUBLE LOW-9 QUOTATION MARK uni201E	„	„	„	„	„	„	„	„	„	„	„	„	„	„	„
DAGGER uni2020	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
DOUBLE DAGGER uni2021	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
BULLET uni2022	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HORIZONTAL ELLIPSIS uni2026	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
PER MILLE SIGN uni2030	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰	‰
PRIME uni2032	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′

DOUBLE PRIME uni2033	″	″	″	″	″	″	″	″	″	″	″	″	″	″	″
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹	‹
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	›	›	›	›	›	›	›	›	›	›	›	›	›	›	›
FRACTION SLASH uni2044	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄	⁄
SUPERSCRIPT ZERO uni2070	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUPERSCRIPT FOUR uni2074	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
SUPERSCRIPT FIVE uni2075	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
SUPERSCRIPT SIX uni2076	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SUPERSCRIPT SEVEN uni2077	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SUPERSCRIPT EIGHT uni2078	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
SUPERSCRIPT NINE uni2079	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
SUBSCRIPT ZERO uni2080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBSCRIPT ONE uni2081	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBSCRIPT TWO uni2082	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SUBSCRIPT THREE uni2083	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SUBSCRIPT FOUR uni2084	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
SUBSCRIPT FIVE uni2085	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
SUBSCRIPT SIX uni2086	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SUBSCRIPT SEVEN uni2087	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SUBSCRIPT EIGHT uni2088	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
SUBSCRIPT NINE uni2089	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
COLON SIGN uni20A1	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡	₡
LIRA SIGN uni20A4	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤	₤
NAIRA SIGN uni20A6	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦	₦
RUPEE SIGN uni20A8	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨	₨
WON SIGN															

uni20A9	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
NEW SHEQEL SIGN uni20AA	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪	₪
DONG SIGN uni20AB	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫	₫
EURO SIGN uni20AC	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€
KIP SIGN uni20AD	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭	₭
TUGRIK SIGN uni20AE	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮	₮
PESO SIGN uni20B1	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱	₱
GUARANI SIGN uni20B2	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲	₲
HRYVNIA SIGN uni20B4	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴	₴
CEDI SIGN uni20B5	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵	₵
TENGE SIGN uni20B8	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸	₸
INDIAN RUPEE SIGN uni20B9	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
TURKISH LIRA SIGN uni20BA	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺	₺
RUBLE SIGN uni20BD	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽	₽
BITCOIN SIGN uni20BF		₿	₿	₿	₿	₿	₿	₿	₿	₿	₿	₿	₿	₿	₿
SCRIPT SMALL L uni2113	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ
NUMERO SIGN uni2116	№	№	№	№	№	№	№	№	№	№	№	№	№	№	№
TRADE MARK SIGN uni2122	™	™	™	™	™	™	™	™	™	™	™	™	™	™	™
OHM SIGN uni2126	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
ESTIMATED SYMBOL uni212E	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮	℮
VULGAR FRACTION ONE SEVENTH uni2150	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐	⅐
VULGAR FRACTION ONE NINTH uni2151	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑	⅑
VULGAR FRACTION ONE THIRD uni2153	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓	⅓
VULGAR FRACTION TWO THIRDS uni2154	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔	⅔
VULGAR FRACTION ONE FIFTH uni2155	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕	⅕
VULGAR FRACTION TWO FIFTHS uni2156	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖	⅖

VULGAR FRACTION THREE FIFTHS uni2157	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗	⅗
VULGAR FRACTION FOUR FIFTHS uni2158	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘	⅘
VULGAR FRACTION ONE SIXTH uni2159	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙	⅙
VULGAR FRACTION FIVE SIXTHS uni215A	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚	⅚
VULGAR FRACTION ONE EIGHTH uni215B	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛	⅛
VULGAR FRACTION THREE EIGHTHS uni215C	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜
VULGAR FRACTION FIVE EIGHTHS uni215D	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝
VULGAR FRACTION SEVEN EIGHTHS uni215E	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞
LEFTWARDS ARROW uni2190	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
UPWARDS ARROW uni2191	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
RIGHTWARDS ARROW uni2192	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
DOWNWARDS ARROW uni2193	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
LEFT RIGHT ARROW uni2194	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
UP DOWN ARROW uni2195	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
NORTH WEST ARROW uni2196	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖
NORTH EAST ARROW uni2197	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗
SOUTH EAST ARROW uni2198	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘
SOUTH WEST ARROW uni2199	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙
LEFTWARDS ARROW WITH HOOK uni21A9	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩	↩
RIGHTWARDS ARROW WITH HOOK uni21AA	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪	↪
UPWARDS ARROW WITH TIP LEFTWARDS uni21B0	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰	↰
UPWARDS ARROW															

WITH TIP RIGHTWARDS uni21B1	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱	↱
DOWNWARDS ARROW WITH TIP LEFTWARDS uni21B2	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲	↲
DOWNWARDS ARROW WITH TIP RIGHTWARDS uni21B3	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳	↳
ANTICLOCKWISE TOP SEMICIRCLE ARROW uni21B6	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶	↶
CLOCKWISE TOP SEMICIRCLE ARROW uni21B7	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷	↷
ANTICLOCKWISE OPEN CIRCLE ARROW uni21BA	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺	↺
CLOCKWISE OPEN CIRCLE ARROW uni21BB	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
RIGHTWARDS ARROW OVER LEFTWARDS ARROW uni21C4	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄	⇄
LEFTWARDS ARROW OVER RIGHTWARDS ARROW uni21C6	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆	⇆
PARTIAL DIFFERENTIAL uni2202	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂	∂
INCREMENT uni2206	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆	∆
N-ARY PRODUCT uni220F	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏	∏
N-ARY SUMMATION uni2211	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑	∑
MINUS SIGN uni2212	−	−	−	−	−	−	−	−	−	−	−	−	−	−	−
SQUARE ROOT uni221A	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
INFINITY uni221E	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞
INTEGRAL uni222B	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫	∫
ALMOST EQUAL TO uni2248	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈	≈
NOT EQUAL TO uni2260	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠	≠
LESS-THAN OR EQUAL TO uni2264	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
GREATER-THAN OR EQUAL TO uni2265	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
LOZENGE uni25CA	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊
CHECK MARK															

uni2713	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CROSS MARK uni274C		✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
RIGHTWARDS ARROW WITH TIP DOWNWARDS uni2B0E	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎	⮎
RIGHTWARDS ARROW WITH TIP UPWARDS uni2B0F	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏	⮏
LEFTWARDS ARROW WITH TIP DOWNWARDS uni2B10	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐	⮐
LEFTWARDS ARROW WITH TIP UPWARDS uni2B11	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑	⮑
uniEBE7															
uniECE0		CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE
uniEFCC		FC	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC
uniF6D7															
uniF6D8															
LATIN SMALL LIGATURE FI uniFB01	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi	fi
LATIN SMALL LIGATURE FL uniFB02	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl	fl

0 0/9 frac feature	0 0	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/	0 0/9
1 1/8 frac feature	1 1	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/	1 1/8
2 2/7 frac feature	2 2	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/	2 2/7
3 3/6 frac feature	3 3	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/	3 3/6
4 4/5 frac feature	4 4	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/	4 4/5
5 5/4 frac feature	5 5	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/	5 5/4
6 6/3 frac feature	6 6	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/	6 6/3
7 7/2 frac feature	7 7	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/	7 7/2
8 8/1 frac feature	8 8	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/	8 8/1
9 9/0 frac feature	9 9	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/	9 9/0
a.alt01 Ending "alt01" ≠ OT Feature (cannot	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

display this character) feature														
g.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	g	g	g	g	g	g	g	g	g	g	g	g	g	g
g.alt02 Ending "alt02" ≠ OT Feature (cannot display this character) feature	g	g	g	g	g	g	g	g	g	g	g	g	g	g
zero.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	0	0	0	0	0	0	0	0	0	0	0	0	0	0
zero.alt02 Ending "alt02" ≠ OT Feature (cannot display this character) feature	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aacute.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	á	á	á	á	á	á	á	á	á	á	á	á	á	á
abreve.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă	ă
acircumflex.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	â	â	â	â	â	â	â	â	â	â	â	â	â	â
adieresis.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	ä	ä	ä	ä	ä	ä	ä	ä	ä	ä	ä	ä	ä	ä
uni1EA1.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature														
agrave.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	à	à	à	à	à	à	à	à	à	à	à	à	à	à
uni1EA3.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature														
amacron.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā	ā
aogonek.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą	ą
aring.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature	å	å	å	å	å	å	å	å	å	å	å	å	å	å

aringacute.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

atilde.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EAF.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EB7.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EB1.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EB3.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EB5.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EA5.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EAD.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EA7.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EA9.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni1EAB.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

gbreve.alt01 Ending "alt01" ≠ OT Feature (cannot display this character) feature

gcircumflex.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

gcommaaccent.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

gdotaccent.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

ijacute
Cannot display because feature tag is missing in name.

jacute
Cannot display because feature tag is missing in name.

germandbls.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

IJacute
Cannot display because feature tag is missing in name.

Jacute
Cannot display because feature tag is missing in name.

uni0430.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni04D3.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

uni04D1.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

tilde.alt01
Ending "alt01" ≠ OT Feature (cannot display this character) feature

breve.cyrl
Ending "cyrl" ≠ OT Feature (cannot display this character) feature

ringacute
Cannot display because feature tag is missing in name.

breveacute
Cannot display because feature tag is missing in name.

brevegrave Cannot display because feature tag is missing in name.															
brevehook Cannot display because feature tag is missing in name.															
brevetilde Cannot display because feature tag is missing in name.															
dieresiscaron Cannot display because feature tag is missing in name.															
circumflexacute Cannot display because feature tag is missing in name.															
circumflexbreve Cannot display because feature tag is missing in name.															
circumflexgrave Cannot display because feature tag is missing in name.															
circumflexhook Cannot display because feature tag is missing in name.															
dieresismacron Cannot display because feature tag is missing in name.															
circumflextilde Cannot display because feature tag is missing in name.															
tilde.case case feature	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
tilde.alt01.case case feature	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
macron.case case feature	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯	¯
dotaccent.case case feature	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙	˙
dieresis.case case feature	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨	¨
hungarumlaut.case case feature	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝	˝
acute.case case feature	´	´	´	´	´	´	´	´	´	´	´	´	´	´	´
grave.case case feature	`	`	`	`	`	`	`	`	`	`	`	`	`	`	`
circumflex.case case feature	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ
caron.case case feature	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ	ˇ
breve.case case feature	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘
breve.cyrl_case Ending "cyrl_case" ≠ OT Feature (cannot	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘	˘

display this character) feature															
ring.case case feature	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
ringacute.case case feature															
uni0309.case case feature															
breveacute.case case feature															
brevegrave.case case feature															
brevehook.case case feature															
brevetilde.case case feature															
dieresisacute.case case feature															
dieresiscaron.case case feature															
dieresisgrave.case case feature															
circumflexacute.case case feature															
circumflexbreve.case case feature															
circumflexgrave.case case feature															
circumflexhook.case case feature															
dieresismacron.case case feature															
circumflextilde.case case feature															