

Catrinity 2.23 – Code Charts

Greyed out characters in grey cells indicate deprecated legacy mappings.

Blue cells indicate characters only found in Catrinity Flags.

Basic Latin

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0000	<small>H_UL</small>	<small>S_OH</small>	<small>S_TX</small>	<small>E_TX</small>	<small>E_OT</small>	<small>E_NQ</small>	<small>A_CK</small>	<small>B_EL</small>	<small>B_S</small>	<small>H_T</small>	<small>L_F</small>	<small>V_T</small>	<small>F_F</small>	<small>C_R</small>	<small>S_O</small>	<small>S_I</small>
0001	<small>D_LE</small>	<small>D_C1</small>	<small>D_C2</small>	<small>D_C3</small>	<small>D_C4</small>	<small>N_AX</small>	<small>S_FN</small>	<small>E_TB</small>	<small>C_AN</small>	<small>E_M</small>	<small>S_UB</small>	<small>E_SC</small>	<small>F_S</small>	<small>G_S</small>	<small>R_S</small>	<small>U_S</small>
0002	<small>S_P</small>	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0003	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0004	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0005	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0006	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0007	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<small>D_EL</small>

		0	?	ff	ffi	ffj	ffl	fft	ffi	ffj	fff	fi	fj	fl	ft	fi	fj
!◇	!△	0\	?○	ff	ffi	ffj	ffl	fft	ffi	ffj	fff	fi	fj	fl	ft	fi	fj
ff	tt	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6
ff	tt	0□	1□	2□	3□	4□	5□	6□	7□	8□	9□	1□	2□	3□	4□	5□	6□
7	8	9	#	*	0	1	2	3	4	5	6	7	8	9	#	*	+
7□	8□	9□	#□	*□	0□	1□	2□	3□	4□	5□	6□	7□	8□	9□	#□	*□	+□
0	1	2	3	4	5	6	7	8	9	=	@	A	B	C	D	E	F
0□	1□	2□	3□	4□	5□	6□	7□	8□	9□	=□	@□	A□	B□	C□	D□	E□	F□
G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
G□	H□	I□	J□	K□	L□	M□	N□	O□	P□	Q□	R□	S□	T□	U□	V□	W□	X□
Y	Z																
Y□	Z□																

Latin-1 Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0008	<small>X_XX</small>	<small>X_XX</small>	<small>B_FB</small>	<small>N_BH</small>	<small>I_ND</small>	<small>H_EL</small>	<small>S_SA</small>	<small>E_SA</small>	<small>H_TS</small>	<small>H_TJ</small>	<small>V_TS</small>	<small>P_LD</small>	<small>P_LU</small>	<small>R_I</small>	<small>S_S2</small>	<small>S_S3</small>
0009	<small>D_C3</small>	<small>P_U1</small>	<small>P_U2</small>	<small>S_TS</small>	<small>C_CH</small>	<small>M_W</small>	<small>S_FA</small>	<small>E_FA</small>	<small>S_OS</small>	<small>X_XX</small>	<small>S_C1</small>	<small>C_S1</small>	<small>S_T</small>	<small>O_SC</small>	<small>P_M</small>	<small>A_PC</small>
000A	<small>N_BS_P</small>	ı	ø	£	¤	¥	ı	§	¨	©	®	«	¬	- _{SKY}	®	-
000B	°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿
000C	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
000D	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
000E	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
000F	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

¥□	©□	®□	™□	×□	÷□

Latin Extended-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0010	Ā	ā	Ă	ă	Ą	ą	Ć	ć	Ĉ	ĉ	Ċ	ċ	Č	č	Ď	ď
0011	Đ	đ	Ē	ē	Ě	ě	É	é	Ę	ę	Ĕ	ĕ	Ĝ	ĝ	Ğ	ğ
0012	Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ	Ĩ	ĩ	Ī	ī	Ĵ	ĵ	Į	į
0013	İ	ı	IJ	ij	Ĵ	ĵ	Ɔ	ɔ	Ɔ	ɔ	Ł	ł	Ł	ł	Ł	ł
0014	Ł	ł	ł	ł	Ń	ń	Ņ	ņ	Ň	ň	Ŋ	ŋ	Ō	ō	Ŏ	ö
0015	Œ	œ	Œ	œ	Ŕ	ŕ	Ŗ	ŗ	Ř	ř	Ś	ś	Ŝ	ŝ	Ş	ş
0016	Š	š	Ţ	ţ	Ť	ť	Ʀ	ƞ	Ū	ū	Ū	ū	Ŭ	ŭ	Ű	ű
0017	Ų	ų	Ų	ų	Ŵ	ŵ	Ŷ	ŷ	Ÿ	ÿ	Ž	ž	Ž	ž	Ž	ž

đ	ŋ	ß	ft	ff	ß
d..	ŋ..	[s]	[t]	[tf]	[z]

Latin Extended-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0018	ƀ	Ɓ	Ƃ	ƃ	Ƅ	ƅ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə
0019	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001A	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001B	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001C	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001D	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001E	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
001F	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
0020	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
0021	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
0022	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
0023	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ
0024	Ɛ	Ɔ	Ɔ	Ƈ	ƈ	Ɖ	Ɗ	Ƌ	ƌ	ƍ	Ǝ	Ə	Ɛ	Ɔ	Ƈ	ƈ

ƀ	Ɔ
b..	g..

IPA Extensions

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0025	ɐ	ɑ	ɒ	ɓ	ɔ	ɕ	ɖ	ɗ	ɘ	ɵ	ɞ	ɛ	ɜ	ɞ̃	ɸ	ɟ
0026	ɡ	ɡ̃	ɠ	ɣ	ɣ̃	ɥ	ɦ	ɦ̃	ɨ	ɪ	ɪ̃	ɬ	ɮ	ɭ	ɮ̃	ɯ
0027	ɰ	ɱ	ɲ	ɳ	ɴ	ɵ	æ	ɹ	ɸ	ɹ	ɹ̃	ɻ	ɻ̃	ɽ	ɽ̃	ɿ
0028	ʀ	ʁ	ʂ	ʃ	ʄ	ʅ	ʆ	ɸ	ɸ̃	ɸ̄	ɸ̅	ɸ̆	ɸ̇	ɸ̈	ɸ̉	ɸ̊
0029	ʐ	ʑ	ʒ	ʓ	ʔ	ʕ	ʙ	ɸ	ɸ̃	ɸ̄	ɸ̅	ɸ̆	ɸ̇	ɸ̈	ɸ̉	ɸ̊
002A	ɸ̋	ɸ̌	ɸ̍	ɸ̎	ɸ̏	ɸ̐	ɸ̑	ɸ̒	ɸ̓	ɸ̔	ɸ̕	ɸ̖	ɸ̗	ɸ̘	ɸ̙	ɸ̚

ɸ̋	ɸ̌	ɸ̍
ɸ̎	ɸ̏	ɸ̐

Spacing Modifier Letters

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
002B	h	ɦ	j	r	ɹ	ɻ	ɰ	w	y	ɹ	ʱ	ʰ	ʱ̃	ʱ̄	ʱ̅	ʱ̆
002C	ʔ	ʕ	◀	▶	▲	▼	∧	∨	∩	∪	∩̃	∩̄	∩̅	∩̆	∩̇	∩̈
002D	ː	˙	˘	˚	˛	˜	˝	˞	˟	ˠ	ˡ	ˢ	ˣ	ˤ	˥	˦
002E	˧	˨	˩	˪	˫	ˬ	˭	ˮ	˯	˰	˱	˲	˳	˴	˵	˶
002F	˷	˸	˹	˺	˻	˼	˽	˾	˿	˿̃	˿̄	˿̅	˿̆	˿̇	˿̈	˿̉

˿̊
˿̋

Combining Diacritical Marks

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0030	◌̇	◌̈	◌̉	◌̊	◌̋	◌̌	◌̍	◌̎	◌̏	◌̐	◌̑	◌̒	◌̓	◌̔	◌̕	◌̖
0031	◌̗	◌̘	◌̙	◌̚	◌̛	◌̜	◌̝	◌̞	◌̟	◌̠	◌̡	◌̢	◌̣	◌̤	◌̥	◌̦
0032	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬	◌̭	◌̮	◌̯	◌̰	◌̱	◌̲	◌̳	◌̴	◌̵	◌̶
0033	◌̷	◌̸	◌̹	◌̺	◌̻	◌̼	◌̽	◌̾	◌̿	◌̿̃	◌̿̄	◌̿̅	◌̿̆	◌̿̇	◌̿̈	◌̿̉
0034	◌̿̊	◌̿̋	◌̿̌	◌̿̍	◌̿̎	◌̿̏	◌̿̐	◌̿̑	◌̿̒	◌̿̓	◌̿̔	◌̿̕	◌̖̿	◌̗̿	◌̘̿	◌̙̿
0035	◌̿̚	◌̛̿	◌̜̿	◌̝̿	◌̞̿	◌̟̿	◌̠̿	◌̡̿	◌̢̿	◌̣̿	◌̤̿	◌̥̿	◌̦̿	◌̧̿	◌̨̿	◌̩̿
0036	◌̪̿	◌̫̿	◌̬̿	◌̭̿	◌̮̿	◌̯̿	◌̰̿	◌̱̿	◌̲̿	◌̳̿	◌̴̿	◌̵̿	◌̶̿	◌̷̿	◌̸̿	◌̹̿

Greek and Coptic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0037	Ⲁ	ⲁ	Ⲃ	ⲃ	Ⲅ	ⲅ	Ⲇ	ⲇ	Ⲉ	ⲉ	Ⲋ	ⲋ	Ⲍ	ⲍ	Ⲏ	ⲏ
0038					Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ
0039	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003A	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003B	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003C	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003D	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003E	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ
003F	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ

Cyrillic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0040	ѐ	ё	ѣ	ѓ	є	ѕ	і	ї	ј	љ	њ	ѧ	ќ	ѣ	ѥ	Ѧ
0041	А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0042	Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0043	а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0044	р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я
0045	ѐ	ё	ѣ	ѓ	є	ѕ	і	ї	ј	љ	њ	ѧ	ќ	ѣ	ѥ	Ѧ
0046	Ѡ	ѡ	Ѣ	ѣ	Ѥ	ѥ	Ѧ	ѧ	Ѩ	ѩ	Ѫ	ѫ	Ѭ	ѭ	Ѯ	ѯ
0047	Ѱ	ѱ	Ѳ	ѳ	Ѵ	ѵ	Ѷ	ѷ	Ѹ	ѹ	Ѻ	ѻ	Ѽ	ѽ	Ѿ	ѿ
0048	Ѱ	ѱ	Ѳ	ѳ	Ѵ	ѵ	Ѷ	ѷ	Ѹ	ѹ	Ѻ	ѻ	Ѽ	ѽ	Ѿ	ѿ
0049	Г	г	Ғ	ғ	Ҕ	ҕ	Җ	җ	Ҙ	ҙ	Қ	қ	К	к	Ҡ	ҡ
004A	К	к	Ҡ	ҡ	Ң	ң	Ҥ	ҥ	Ҧ	ҧ	Ҩ	ҩ	Ҫ	ҫ	Ҭ	ҭ
004B	Ү	ү	Ҫ	ҫ	Ҥ	ҥ	Ҧ	ҧ	Ҩ	ҩ	Ҫ	ҫ	Ҭ	ҭ	Ү	ү
004C	І	Ѓ	ѓ	Ѕ	ѕ	Ј	ј	Љ	љ	Њ	њ	Ћ	ќ	Ќ	ќ	І
004D	Ǻ	ǻ	Ǽ	Ǿ	Ǿ	Ǟ	ǟ	Ǟ	ǟ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	Ǧ
004E	З	з	Й	й	Й	й	Ӧ	ӧ	Ө	ө	Ӧ	ӧ	Ә	ә	Ӛ	ӛ
004F	Ӝ	ӝ	Ӟ	ӟ	Ӡ	ӡ	Г	г	Ӣ	ӣ	Ӥ	ӥ	Ӧ	ӧ	Ә	ә

Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ	Ⓠ	Ⓡ
Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	Ⓧ	Ⓨ	Ⓩ	ⓐ	ⓑ	ⓓ	ⓔ	ⓖ	ⓗ	ⓘ	ⓙ	ⓚ
ⓛ	ⓜ	ⓞ	ⓟ	ⓠ	ⓡ	ⓢ	ⓣ	ⓤ	ⓥ	ⓦ	ⓧ	ⓨ	ⓩ	⓪	⓫	⓬
⓭	⓮	⓯	⓰	⓱	⓲	⓳	⓴	⓵	⓶	⓷	⓸	⓹	⓺	⓻	⓼	⓽

Arabic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0060							٤	٥	٦	٧	٨	٩	٠	١	٢	٣
0061						٤		٥	٦	٧	٨	٩	٠	١	٢	٣
0062	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0063	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0064	-	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨
0065	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0066	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0067	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0068	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0069	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006A	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006B	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006C	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006D	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006E	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
006F	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩



Arabic Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0075	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0076	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
0077	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

NKo

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
007C	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
007D	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
007E	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩
007F	٤	٥	٦	٧	٨	٩	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

Tibetan

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00F0																
00F1											◦	◉	◊	×	××	××
00F2																
00F3																
00F4																
00F5																
00F6																
00F7																
00F8																
00F9																
00FA																
00FB																
00FC	◌	◌	◌	◌	◌	◌		◌	◌	◌	◌	◌	◌		×◌	××
00FD						卐	卍	卐	卍							
00FE																
00FF																

Georgian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
010A	Ⴀ	Ⴁ	Ⴂ	Ⴃ	Ⴄ	Ⴅ	Ⴆ	Ⴇ	Ⴈ	Ⴉ	Ⴊ	Ⴋ	Ⴌ	Ⴍ	Ⴎ	Ⴏ
010B	Ⴐ	Ⴑ	Ⴒ	Ⴓ	Ⴔ	Ⴕ	Ⴖ	Ⴗ	Ⴘ	Ⴙ	Ⴚ	Ⴛ	Ⴜ	Ⴝ	Ⴞ	Ⴟ
010C	Ⴀ	Ⴁ	Ⴂ	Ⴃ	Ⴄ	Ⴅ		Ⴇ						Ⴍ		
010D	Ⴐ	Ⴑ	Ⴒ	Ⴓ	Ⴔ	Ⴕ	Ⴖ	Ⴗ	Ⴘ	Ⴙ	Ⴚ	Ⴛ	Ⴜ	Ⴝ	Ⴞ	Ⴟ
010E	Ⴀ	Ⴁ	Ⴂ	Ⴃ	Ⴄ	Ⴅ	Ⴆ	Ⴇ	Ⴈ	Ⴉ	Ⴊ	Ⴋ	Ⴌ	Ⴍ	Ⴎ	Ⴏ
010F	Ⴐ	Ⴑ	Ⴒ	Ⴓ	Ⴔ	Ⴕ	Ⴖ	Ⴗ	Ⴘ	Ⴙ	Ⴚ	Ⴛ	Ⴜ	Ⴝ	Ⴞ	Ⴟ

Cherokee

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
013A	D	R	T	Ꭰ	Ꭱ	i	Ꭳ	Ꭴ	Ꭵ	y	A	J	E	Ꭸ	Ꭹ	Ꭺ
013B	Ꭻ	Ꭼ	Ꭽ	W	Ꭿ	Ꮀ	G	M	Ꮂ	Ꮃ	Ꮄ	H	Ꮆ	Ꮇ	Ꮈ	Ꮉ
013C	G	Ꮊ	Ꮋ	Z	Ꮍ	Ꮎ	I	Ꮏ	Ꮐ	Ꮑ	Ꮒ	E	Ꮔ	Ꮕ	4	b
013D	Ꮖ	Ꮗ	R	L	W	Ꮙ	Ꮊ	Ꮋ	V	S	Ꮢ	Ꮣ	Ꮤ	Ꮥ	L	C
013E	Ꮖ	Ꮗ	P	C	V	Ꮙ	K	d	Ꮢ	G	Ꮤ	Ꮥ	Ꮦ	Ꮧ	6	Ꮨ
013F	Ꮖ	Ꮗ	Ꮘ	G	B	Ꮙ			Ꮠ	Ꮡ	Ꮢ	Ꮣ	B	Ꮥ		

Hanunoo

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0172	ᜆ	ᜇ	ᜈ	ᜉ	ᜊ	ᜋ	ᜌ	ᜍ	ᜎ	ᜏ	ᜐ	ᜑ	ᜒ	ᜓ	᜔	᜕
0173	᜖	᜗	᜘	᜙	᜚	᜛	᜜									

Buhid

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0174	ᜠ	ᜡ	ᜢ	ᜣ	ᜤ	ᜥ	ᜦ	ᜧ	ᜨ	ᜩ	ᜪ	ᜫ	ᜬ	ᜭ	ᜮ	ᜯ
0175	ᜰ	ᜱ	ᜲ	ᜳ												

Tagbanwa

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0176	ᜲ	ᜳ	᜴	᜵	᜶	᜷	᜸	᜹	᜺	᜻	᜼	᜽	᜾		᜿	᜿
0177	᜿		᜾	᜾												

Unified Canadian Aboriginal Syllabics Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
018B	ᐃ	ᐅ	ᐇ	ᐉ	ᐋ	ᐍ	ᐏ	ᐑ	ᐓ	ᐕ	ᐗ	ᐙ	ᐛ	ᐝ	ᐟ	ᐡ
018C	ᐣ	ᐥ	ᐧ	ᐩ	ᐭ	ᐯ	ᐱ	ᐳ	ᐵ	ᐷ	ᐹ	ᐻ	ᐽ	ᐿ	ᑁ	ᑃ
018D	ᑅ	ᑇ	ᑉ	ᑋ	ᑍ	ᑏ	ᑒ	ᑔ	ᑖ	ᑘ	ᑚ	ᑜ	ᑞ	ᑠ	ᑢ	ᑤ
018E	ᑦ	ᑨ	ᑪ	ᑬ	ᑮ	ᑰ	ᑲ	ᑴ	ᑶ	ᑸ	ᑺ	ᑼ	ᑾ	ᑿ	ᑿ	ᑿ
018F	ᑾ	ᑾ	ᑾ	ᑾ	ᑾ	ᑾ										

Combining Diacritical Marks Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01AB	ᐃ̂	ᐅ̂	ᐇ̂	ᐉ̂	ᐋ̂	ᐍ̂	ᐏ̂	ᐑ̂	ᐓ̂	ᐕ̂	ᐗ̂	ᐙ̂	ᐛ̂	ᐝ̂	ᐟ̂	ᐡ̂
01AC	ᐃ̃	ᐅ̃	ᐇ̃	ᐉ̃	ᐋ̃	ᐍ̃	ᐏ̃	ᐑ̃	ᐓ̃	ᐕ̃	ᐗ̃	ᐙ̃	ᐛ̃	ᐝ̃	ᐟ̃	ᐡ̃
01AD	ᐃ̄	ᐅ̄	ᐇ̄	ᐉ̄	ᐋ̄	ᐍ̄	ᐏ̄	ᐑ̄	ᐓ̄	ᐕ̄	ᐗ̄	ᐙ̄	ᐛ̄	ᐝ̄		
01AE	ᐃ̅	ᐅ̅	ᐇ̅	ᐉ̅	ᐋ̅	ᐍ̅	ᐏ̅	ᐑ̅	ᐓ̅	ᐕ̅	ᐗ̅	ᐙ̅	ᐛ̅	ᐝ̅		
01AF																

Ol Chiki

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01C5	᱀	᱁	᱂	᱃	᱄	᱅	᱆	᱇	᱈	᱉	᱊	᱋	᱌	ᱍ	ᱎ	ᱏ
01C6	᱐	᱑	᱒	᱓	᱔	᱕	᱖	᱗	᱘	᱙	ᱛ	ᱜ	ᱝ	ᱞ	ᱟ	ᱠ
01C7	ᱡ	ᱢ	ᱣ	ᱤ	ᱥ	ᱦ	ᱧ	ᱨ	ᱩ	ᱪ	ᱫ	ᱬ	ᱭ	ᱮ	ᱯ	ᱰ

Cyrillic Extended-C

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01C8	ѐ	ђ	џ	Ѡ	ѡ	Ѣ	ѣ	Ѥ	ѥ	Ѧ	ѧ					

Georgian Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01C9	ⴁ	ⴂ	ⴃ	ⴄ	ⴅ	ⴆ	ⴇ	ⴈ	ⴉ	ⴊ	ⴋ	ⴌ	ⴍ	ⴎ	ⴏ	ⴐ
01CA	ⴑ	ⴒ	ⴓ	ⴔ	ⴕ	ⴖ	ⴗ	ⴘ	ⴙ	ⴚ	ⴛ	ⴜ	ⴝ	ⴞ	ⴟ	ⴠ
01CB	ⴡ	ⴢ	ⴣ	ⴤ	ⴥ	⴦	ⴧ	⴨	⴩	⴪	⴫			⴬	ⴭ	⴮

Phonetic Extensions

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01D0	Ǻ	ǻ	Ǽ	Ǿ	ǿ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ
01D1	Ǭ	ǭ	Ǯ	ǯ	ǰ	Ǳ	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ
01D2	ǻ	Ǽ	ǽ	ǿ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ	Ǭ
01D3	Ǯ	ǯ	ǰ	Ǳ	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ	Ǽ	ǽ
01D4	ǿ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ	Ǭ	ǭ	Ǯ	ǯ
01D5	ǰ	Ǳ	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ	Ǽ	ǽ	ǿ	Ǡ
01D6	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ	Ǭ	ǭ	Ǯ	ǯ	ǰ	Ǳ
01D7	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ	Ǽ	ǽ	ǿ	Ǡ	ǡ	Ǣ

ǣ
Ǥ

Phonetic Extensions Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01D8	ǻ	Ǽ	ǽ	ǿ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ	Ǭ
01D9	Ǯ	ǯ	ǰ	Ǳ	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ	Ǽ	ǽ
01DA	ǿ	Ǡ	ǡ	Ǣ	ǣ	Ǥ	ǥ	ǧ	Ǩ	ǩ	Ǫ	ǫ	Ǭ	ǭ	Ǯ	ǯ
01DB	ǰ	Ǳ	ǲ	ǳ	Ǵ	ǵ	Ƕ	Ƿ	Ǹ	ǹ	Ǻ	ǻ	Ǽ	ǽ	ǿ	Ǡ

Combining Diacritical Marks Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01DC	ǻ̃	Ǽ̃	ǽ̃	ǿ̃	Ǡ̃	ǡ̃	Ǣ̃	ǣ̃	Ǥ̃	ǥ̃	ǧ̃	Ǩ̃	ǩ̃	Ǫ̃	ǫ̃	Ǭ̃
01DD	Ǯ̃	ǯ̃	ǰ̃	Ǳ̃	ǲ̃	ǳ̃	Ǵ̃	ǵ̃	Ƕ̃	Ƿ̃	Ǹ̃	ǹ̃	Ǻ̃	ǻ̃	Ǽ̃	ǽ̃
01DE	ǿ̃	Ǡ̃	ǡ̃	Ǣ̃	ǣ̃	Ǥ̃	ǥ̃	ǧ̃	Ǩ̃	ǩ̃	Ǫ̃	ǫ̃	Ǭ̃	ǭ̃	Ǯ̃	ǯ̃
01DF	ǰ̃	Ǳ̃	ǲ̃	ǳ̃	Ǵ̃	ǵ̃	Ƕ̃	Ƿ̃	Ǹ̃	ǹ̃	Ǻ̃	ǻ̃	Ǽ̃	ǽ̃	ǿ̃	Ǡ̃

Latin Extended Additional

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01E0	À	á	Â	ã	Ä	å	Æ	æ	Ç	ç	Ð	ð	Ð	ð	Ð	ð
01E1	Ɖ	ɔ	Ɗ	ɗ	È	è	É	é	Ɛ	ɛ	Ɛ	ɛ	Ɔ	ɔ	Ƒ	ƒ
01E2	Ĝ	ĝ	Ĥ	ĥ	Ħ	ħ	Ĩ	ĥ	Ĵ	ĵ	Ĥ	ĥ	Ĭ	ĭ	Í	í
01E3	Ķ	ķ	Ƙ	ƙ	Ɔ	ɔ	Ɗ	ɗ	Ɔ	ɔ	Ɗ	ɗ	Ɔ	ɔ	Ƒ	ƒ
01E4	Ṁ	ṁ	Ṃ	ṃ	Ṅ	ṅ	Ṇ	ṇ	Ṋ	ṋ	Ṍ	ṍ	Ṏ	ṏ	Ṑ	ṑ
01E5	Ò	ò	Ó	ó	Ȑ	ȑ	Ȓ	ȓ	Ȕ	ȕ	Ȗ	ȗ	Ș	ș	Ț	ț
01E6	Š	š	Ş	ş	Ś	ś	Ŝ	ŝ	Ș	ș	Ț	ț	Ț	ț	Ț	ț
01E7	Ț	ț	Ț	ț	Ț	ț	Ț	ț	Ț	ț	Ț	ț	Ț	ț	Ț	ț
01E8	Ẁ	ẁ	Ẃ	ẃ	Ẅ	ẅ	Ẇ	ẇ	Ẹ	ẹ	Ẹ	ẹ	Ẹ	ẹ	Ẹ	ẹ
01E9	Ẑ	ẑ	Ẓ	ẓ	Ẕ	ẕ	ẖ	ẗ	ẘ	ẙ	ẚ	ẛ	ẜ	ẝ	ẞ	ẟ
01EA	À	á	Ả	ả	Á	á	À	à	Ả	ả	Ã	ã	Â	â	Ă	ă
01EB	À	à	Ả	ả	Ã	ã	Ă	ă	Ɛ	ɛ	Ê	ê	Ë	ë	É	é
01EC	È	è	Ê	ê	Ë	ë	Ě	ě	Ĭ	ĭ	Į	į	Ọ	ọ	Ỏ	ỏ
01ED	Ó	ó	Ò	ò	Ỏ	ỏ	Õ	õ	Ộ	ộ	Ớ	ớ	Ờ	ờ	Ở	ở
01EE	Ỗ	ỗ	Ợ	ợ	Ụ	ụ	Ủ	ủ	Ứ	ứ	Ừ	ừ	Ủ	ủ	Ừ	ừ
01EF	Ự	ự	Ỡ	ỡ	Ỡ	ỡ	Ỡ	ỡ	Ỡ	ỡ	Ỡ	ỡ	Ỡ	ỡ	Ỡ	ỡ

Greek Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
01F0	ά	ά	ᾶ	ᾶ	ᾷ	ᾷ	Ᾱ	Ᾱ	Ά	Ά	Ὰ	Ὰ	Ά	Ά	᾽	᾽
01F1	έ	έ	ἔ	ἔ	Ἓ	Ἓ			Έ	Έ	Ἐ	Ἐ	Ἑ	Ἑ		
01F2	ή	ή	ῆ	ῆ	ῇ	ῇ	Ὲ	Ὲ	Ἡ	Ἡ	Ἦ	Ἦ	Ἧ	Ἧ	ῆ	ῆ
01F3	ί	ί	ῖ	ῖ	ῗ	ῗ	Ῐ	Ῐ	Ϊ	Ϊ	Ὶ	Ὶ	Ί	Ί	ῖ	ῖ
01F4	ό	ό	ὀ	ὀ	ὃ	ὃ			Ό	Ό	Ὠ	Ὠ	Ὠ	Ὠ		
01F5	ύ	ύ	ῠ	ῠ	ῡ	ῡ	ῢ	ῢ		Υ		Ύ		Ύ		ΰ
01F6	ώ	ώ	ῶ	ῶ	ῷ	ῷ	Ὸ	Ὸ	Ὠ	Ὠ	Ὠ	Ὠ	Ὠ	Ὠ	ῶ	ῶ
01F7	ᾰ	ᾰ	ᾱ	ᾱ	ᾷ	ᾷ	Ᾱ	Ᾱ	Ὰ	Ὰ	Ά	Ά	᾽	᾽		
01F8	ᾰ	ᾰ	ᾱ	ᾱ	ᾷ	ᾷ	Ᾱ	Ᾱ	Ὰ	Ὰ	Ά	Ά	᾽	᾽	᾽	᾽
01F9	ᾰ	ᾰ	ᾱ	ᾱ	ᾷ	ᾷ	Ᾱ	Ᾱ	Ὰ	Ὰ	Ά	Ά	᾽	᾽	᾽	᾽
01FA	ᾰ	ᾰ	ᾱ	ᾱ	ᾷ	ᾷ	Ᾱ	Ᾱ	Ὰ	Ὰ	Ά	Ά	᾽	᾽	᾽	᾽
01FB	ᾰ	ᾱ	ᾰ	ᾱ	ᾰ		ᾰ	ᾰ	Ὰ	Ὰ	Ὰ	Ὰ	᾽	᾽	᾽	᾽
01FC	ᾰ	ᾰ	ᾷ	ᾷ	ᾷ		ᾷ	ᾷ	Ὰ	Ὰ	Ὰ	Ὰ	᾽	᾽	᾽	᾽
01FD	ᾰ	ᾰ	ᾷ	ᾷ			ᾷ	ᾷ	Ὰ	Ὰ	Ὰ	Ὰ	᾽	᾽	᾽	᾽

Letterlike Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0210	‰	‱	©	°C	¢	%	‰	ε	ϑ	°F	g	ℋ	ℑ	H	h	ħ
0211	ℳ	ℐ	ℒ	ℓ	℔	ℕ	№	⊙	ρ	ℙ	ℚ	℞	ℓ	ℝ	ℜ	ℝ
0212	SM	TEL	™	℥	Z	Ʒ	Ω	U	Z	ı	K	Å	ℬ	ℭ	e	e
0213	ℰ	ℱ	ℱ	ℳ	ℴ	κ	υ	λ	τ	i	℄	FAX	π	ϣ	Γ	Π
0214	Σ	ϑ	Γ	J	λ	D	d	e	i	j	ℓ	℔	ℕ	℥	ℱ	℞

ℋ	ℐ	ℒ	℞	™	ℬ	ℰ	ℱ	ℳ	℄	℔	ℕ
ℋ \	ℐ \	ℒ \	℞ \	™ ::	ℬ \	ℰ \	ℱ \	ℳ \	℄	℔	ℕ

Number Forms

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0215	$\frac{1}{7}$	$\frac{1}{9}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{1}{6}$	$\frac{5}{6}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{2}$
0216	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	L	C	D	M
0217	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	l	c	d	m
0218	Ⓒ	Ⓓ	Ⓔ	ⓐ	ⓑ	ⓒ	ⓓ	ⓔ	ⓕ	ⓖ	ⓗ	ⓙ	ⓚ			

Arrows

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0219	←	↑	→	↓	↔	↕	↖	↗	↘	↙	↔	↗	↘	↙	←	↑
021A	→	↓	←	→	←	↑	→	↓	↕	↶	↷	↸	↹	↺	↻	↻
021B	↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
021C	↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
021D	↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
021E	↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
021F	↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻

↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	⚠	↶	↷	↸	↹	↺
↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻	⚠	↶	↷	↸	↹	↺
↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻		↶	↷	↸	↹	↺
↶	↷	↸	↹	↺	↻	↻	↻	↻	↻	↻		↶	↷	↸	↹	↺

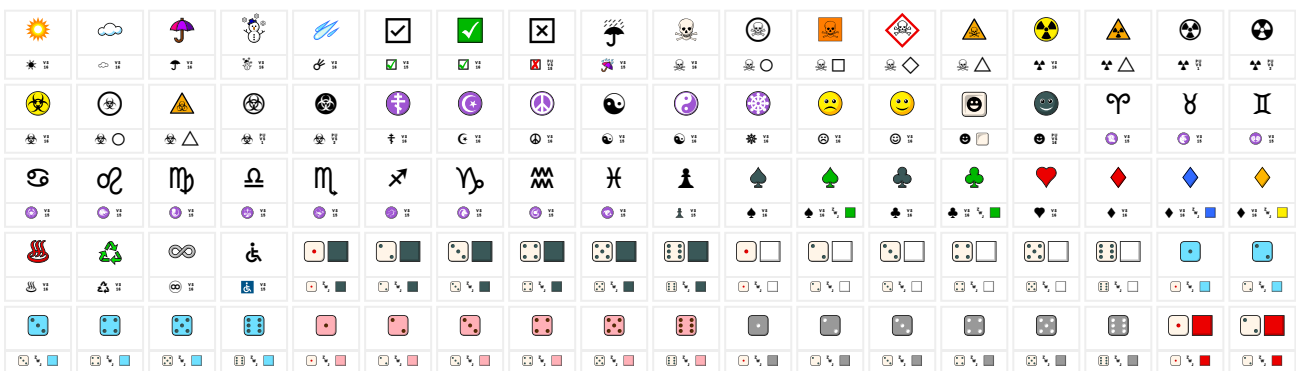
Geometric Shapes

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
025A	■	□	◻	◼	▧	▨	▩	▪	▫	▬	▭	▮	▯	▰	▱	▲
025B	▴	▵	▶	▷	▸	▹	►	▻	▼	▽	▾	▿	▹	►	▻	▼
025C	◀	◁	◂	◃	◄	◅	◆	◇	◈	◉	◊	◯	⊙	⊚	⊛	⦿
025D	◐	◑	◒	◓	◔	◕	◖	◗	◘	◙	◚	◛	◜	◝	◞	◟
025E	◡	◢	◣	◤	◥	◦	◧	◨	◩	◪	◫	◬	◭	◮	◯	◰
025F	◱	◲	◳	◴	◵	◶	◷	◸	◹	◺	◻	◼	◽	◾	◿	◿



Miscellaneous Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0260	☀	☁	☂	☄	♏	★	☆	<	℞	⊙	♌	♍	♎	♏		
0261	□	☑	☒	X	🎭		🏠	🏡								
0262	☠	☿	☣	☢	🌹	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊
0263	≡	≡	≡	≡	≡	≡	≡	≡	✳	☹	☺	☻	☼	☾	☽	♀
0264	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏
0265	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏
0266	♠	♥	♦	♣	♠	♥	♦	♣	🔥							
0267	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁
0268	🎲	🎲	🎲	🎲	🎲	🎲	🎲	🎲	🎲	🎲	—	--	=	=	=	=
0269	🚫	🚫				♁						♁	♁		≥	≤
026A	⚠	⚡	♏	♏	♏	♏	♏	♏	♏	♏	◯	●	○	⊖	∞	∞
026B	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏	♏		🚫
026C	🌀	🌀	🌀	🌀	🌀	🌀	🌀	🌀	🌀	🌀	🛡	🛡	🛡			♏
026D					🚫		🚫	🚫						🚫	🚫	
026E			♏	♏	♏	♏	♏	♏		♏						
026F															☕	☕





Dingbats

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0270									✈							
0271				✓	✔	✘	✖	✗	✘	✚	✛	✜	✚	✛	✜	✚
0272	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚
0273	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚	✛	✜	✚
0274	✚	✛	✜	✚	✛			✚	✛	✜	✚	✛	✜	✚	✛	✜
0275	□	□	□	❗	❗	❗	❗	❗				‘	’	“	”	,
0276	”	”	!	!	♥				()	()	<	>		
0277	<	>	{	}	{	}	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
0278	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	①	②	③	④	⑤	⑥
0279	⑦	⑧	⑨	⑩	➔	➕	➖	➗	↘	➡	↗	➡	➡	➡	➡	➡
027A	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡
027B	↺	➡	↻	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡



Miscellaneous Mathematical Symbols-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
027C	⊞	⊠	⊡	⊢	⊣	⊤	⊥	⊦	⊧	⊨	⊩	⊪	⊫	⊬	⊭	⊮
027D	⊯	⊰	⊱	⊲	⊳	⊴	⊵	⊶	⊷	⊸	⊹	⊺	⊻	⊼	⊽	⊾
027E	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿	⊿

Supplemental Arrows-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
027F	↕	↕	↻	↻	↻	←	→	↔	⇌	⇒	⇔	⇐	⇑	⇔	⇔	⇔

Braille Patterns

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0280																
0281																
0282																
0283																
0284																
0285																
0286																
0287																
0288																
0289																
028A																
028B																
028C																
028D																
028E																
028F																

Supplemental Arrows-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0290																
0291																
0292																
0293																
0294																
0295																
0296																
0297																



Coptic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
02C8	Ⲁ	ⲁ	Ⲃ	ⲃ	Ⲅ	ⲅ	Ⲇ	ⲇ	Ⲉ	ⲉ	Ⲋ	ⲋ	Ⲍ	ⲍ	Ⲏ	ⲏ
02C9	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ
02CA	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ
02CB	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ
02CC	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ
02CD	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ
02CE	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ
02CF	Ⲑ	ⲑ	Ⲓ	ⲓ					Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ

Georgian Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
02D0	ⴁ	ⴂ	ⴃ	ⴄ	ⴅ	ⴆ	ⴇ	ⴈ	ⴉ	ⴊ	ⴋ	ⴌ	ⴍ	ⴎ	ⴏ	ⴐ
02D1	ⴑ	ⴒ	ⴓ	ⴔ	ⴕ	ⴖ	ⴗ	ⴘ	ⴙ	ⴚ	ⴛ	ⴜ	ⴝ	ⴞ	ⴟ	ⴠ
02D2	ⴡ	ⴢ	ⴣ	ⴤ	ⴥ		ⴧ							⴩		

Tifinagh

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
02D3	ⵍ	ⵎ	ⵏ	ⵐ	ⵑ	ⵒ	ⵓ	ⵔ	ⵕ	ⵖ	ⵗ	ⵘ	ⵙ	ⵚ	ⵛ	ⵜ
02D4	ⵝ	ⵞ	ⵟ	ⵠ	ⵡ	ⵢ	ⵣ	ⵤ	ⵥ	ⵦ	ⵧ	⵨	⵩	⵪	⵫	⵬
02D5	⵭	⵮	ⵯ	⵰	⵱	⵲	⵳	⵴	⵵	⵶	⵷	⵸	⵹	⵺	⵻	⵼
02D6	⵽	⵾	⵿	ⶀ	ⶁ	ⶂ	ⶃ	ⶄ								⵿
02D7	ⶅ															⵿

⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿
⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿	⵿

Cyrillic Extended-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
02DE	ⴌ	ⴍ	ⴎ	ⴏ	ⴐ	ⴑ	ⴒ	ⴓ	ⴔ	ⴕ	ⴖ	ⴗ	ⴘ	ⴙ	ⴚ	ⴛ
02DF	ⴜ	ⴝ	ⴞ	ⴟ	ⴠ	ⴡ	ⴢ	ⴣ	ⴤ	ⴥ	⴦	ⴧ	⴨	⴩	⴪	⴫

Supplemental Punctuation

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
02E0	⋈	⋉	⋊	⋋	⋌	⋍	⋎	⋏	⋐	⋑	⋒	⋓	⋔	⋕	⋖	⋗
02E1	⋘	⋙	⋚	⋛	⋜	⋝	⋞	⋟	⋠	⋡	⋢	⋣	⋤	⋥	⋦	⋧
02E2	⋨	⋩	⋪	⋫	⋬	⋭	⋮	⋯	⋰	⋱	⋲	⋳	⋴	⋵	⋶	⋷
02E3	⋸	⋹	⋺	⋻	⋼	⋽	⋾	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿
02E4	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿
02E5	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿	⋿
02E6																
02E7																

CJK Symbols And Punctuation

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0300	␣ <small>ID SP</small>	、	。		④			○	〈	〉	《	》	「	」	『	』
0301	【	】	〒	＝	（	）	〔	〕	（	）	〔	〕	～	”	”	„
0302	☺															
0303	～						Ⓢ									☒

、	。
、	。

Enclosed CJK Letters And Months

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0320																
0321																
0322																
0323																
0324									10	20	30	40	50	60	70	80
0325		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
0326																
0327																
0328																
0329																
032A																
032B		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
032C																
032D																
032E																
032F																

Yijing Hexagram Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
04DC	☰	☷	☱	☲	☵	☶	☴	☳	☱	☲	☵	☶	☴	☳	☱	☲
04DD	☱	☲	☵	☶	☴	☳	☱	☲	☵	☶	☴	☳	☱	☲	☵	☶
04DE	☲	☵	☶	☴	☳	☱	☲	☵	☶	☴	☳	☱	☲	☵	☶	☴
04DF	☵	☶	☴	☳	☱	☲	☵	☶	☴	☳	☱	☲	☵	☶	☴	☳

Lisu

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0A4D	B	P	d	D	T	l	G	K	κ	J	C	Ɔ	Z	F	ƒ	M
0A4E	N	L	S	R	ʀ	Λ	V	H	Ϸ	ɹ	W	X	Y	B	A	V
0A4F	E	E	I	O	U	∩	ɿ	ɔ	.	,	..	„	;	:	-	=

Vai

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0A50	᠎ᠠ	᠎ᠡ	᠎ᠢ	᠎ᠣ	᠎ᠤ	᠎ᠥ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A51	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A52	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A53	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A54	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A55	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A56	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A57	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A58	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A59	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5A	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5B	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5C	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5D	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5E	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A5F	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A60	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A61	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A62	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ	᠎ᠦ
0A63																

Cyrillic Extended-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0A64	Ƶ	ƶ	Ʒ	Ƹ	ƹ	ƺ	ƻ	Ƽ	ƾ	ƿ	ƺ	ƻ	Ƽ	ƾ	ƿ	ƺ
0A65	Ы	ы	Ӏ	Ӂ	ӂ	Ӄ	ӄ	Ӆ	ӆ	Ӈ	ӈ	Ӊ	ӊ	Ӌ	ӌ	Ӎ
0A66	П	п	Ӓ	ӓ	Ӕ	ӕ	Ӗ	Ә	ә	Ӛ	ӛ	Ӝ	ӝ	Ӟ	ӟ	Ӡ
0A67	Ɑ	Ɱ	Ɐ	Ɒ	ⱱ	Ⱳ	ⱳ	ⱴ	Ⱶ	ⱶ	ⱷ	ⱸ	ⱹ	ⱺ	ⱻ	ⱼ
0A68	Д	д	Ӣ	ӣ	Ӥ	ӥ	Ӧ	ӧ	Ө	ө	Ӫ	ӫ	Ӭ	ӭ	Ӯ	ӯ
0A69	Ј	ј	Ч	ч	Ӧ	ӧ	Ө	ө	Ӫ	ӫ	Ӭ	ӭ	Ӯ	ӯ	Ӱ	ӱ

Modifier Tone Letters

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0A70	◌̣	◌̤	◌̥	◌̦	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬	◌̭	◌̮	◌̯	◌̰	◌̱	◌̲
0A71	◌̳	◌̴	◌̵	◌̶	◌̷	◌̸	◌̹	◌̺	◌̻	◌̼	◌̽	◌̾	◌̿	◌̀	◌́	◌̂

Latin Extended-D

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0A72	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	H	h	Ĥ	ĥ	Ɛ	ɛ	Ɔ	ɔ	Ɔ	ɔ
0A73	F	s	AA	aa	AO	ao	AU	au	AV	av	AF	af	AY	ay	Ɔ	ɔ
0A74	K	k	K	k	Ɔ	Ɔ	L	l	L	l	Ɔ	ɔ	Ɔ	ɔ	∞	∞
0A75	P	p	Ɔ	Ɔ	Ɔ	Ɔ	Q	q	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A76	W	w	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A77	°	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A78	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A79	N	n	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A7A	Ɔ	Ɔ	K	k	Ɔ	Ɔ	R	r	Ɔ	Ɔ	H	Ɔ	G	Ɔ	I	Ɔ
0A7B	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A7C	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A7D	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0A7E																
0A7F		s	c	F	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ



Latin Extended-E

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0AB3	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	f	g	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0AB4	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0AB5	Ɔ	m	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	y	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0AB6	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ				

Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Cherokee Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0AB7	D	R	T	Ɔ	Ɔ	i	s	Ɔ	Ɔ	y	A	J	E	Ɔ	Ɔ	Ɔ
0AB8	Ɔ	Ɔ	Ɔ	W	Ɔ	Ɔ	G	M	Ɔ	Ɔ	Ɔ	H	Ɔ	Ɔ	Ɔ	Ɔ
0AB9	G	Ɔ	h	Z	Ɔ	Ɔ	I	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0ABA	Ɔ	Ɔ	R	L	W	Ɔ	Ɔ	Ɔ	Ɔ	V	S	Ɔ	Ɔ	Ɔ	L	C
0ABB	Ɔ	Ɔ	P	Ɔ	Ɔ	Ɔ	K	d	C	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Private Use Area: Tengwar

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E00	ƀ	Ɓ	ƃ	Ƅ	Ɔ	Ǝ	Ɔ	Ɔ	ƃ	ƃ	ƃ	ƃ	ƃ	ƃ	ƃ	ƃ
0E01	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E02	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E03		Ǝ	Ǝ		Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ		
0E04	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E05	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ						
0E06	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E07	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ

Private Use Area: Cirth

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E08	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E09	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0A	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0B	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0C	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0D	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0E	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ	Ǝ
0E0F																

Private Use Area: Biblos Compatibility

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E40					☐	☐	☐	☐	☐	☐	☐	☐				
0E41	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	
0E42									☐							



Private Use Area: Ewellic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E68					𐐀	𐐁	𐐂	𐐃						𐐄	𐐅	𐐆
0E69	𐐇	𐐈	𐐉	𐐊	𐐋	𐐌	𐐍	𐐎	𐐏	𐐐	𐐑	𐐒	𐐓	𐐔	𐐕	𐐖
0E6A	𐐗	𐐘	𐐙	𐐚	𐐛	𐐜	𐐝	𐐞	𐐟	𐐠	𐐡	𐐢				𐐣
0E6B	𐐤	𐐥	𐐦	𐐧	𐐨	𐐩	𐐪	𐐫	𐐬	𐐭	𐐮	𐐯	𐐰	𐐱	𐐲	𐐳
0E6C	𐐴	𐐵	𐐶	𐐷	𐐸	𐐹	𐐺	𐐻	𐐼	𐐽	𐐾	𐐿	𐑀	𐑁	𐑂	𐑃

𐐀	𐐁
#1	#J

Private Use Area: Unifon Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E6F	Ċ	Ɔ	Ǝ	𐐀	Δ	Ł	G	⊥	Θ	Ϸ	W	X	Ƴ	χ	∅	ƀ
0E70	A	Δ	Λ	B	∅	D	E	Ξ	Ɔ	F	G	H	I	±	J	K
0E71	L	M	N	∩	O	Ω	∅	∅	∅	P	R	S	Ɔ	T	Ɔ	Ɔ
0E72	U	Ɔ	⊥	V	W	Σ	Y	Z					Ĥ	Ķ	Ǽ	Ǿ
0E73	Ċ	Ɔ	Ǝ	𐐀	Δ	Ł	G	⊥	Θ	Ϸ	W	X	Ƴ	χ	∅	ƀ

Private Use Area: Unifon

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E74	A	Δ	Λ	B	∅	D	E	Ξ	Ɔ	F	G	H	I	±	J	K
0E75	L	M	N	∩	O	Ω	∅	∅	∅	P	R	S	Ɔ	T	Ɔ	Ɔ
0E76	U	Ɔ	⊥	V	W	Σ	Y	Z					Ĥ	Ķ	Ǽ	Ǿ

Private Use Area: Solresol

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0E77	≡	≡	≡	≡	≡	≡	≡	≡	○		∩	∖	—	∩	/	≡

≡	≡	≡	≡	≡	≡	≡	○		∩	∖	—	∩	/
≡	≡	≡	≡	≡	≡	≡	○		∩	∖	—	∩	/

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0EF4																
0EF5																
0EF6	◌̇	◌̈	◌̉	◌̊	◌̋	◌̌	◌̍	◌̎	◌̏	◌̐						
0EF7	˘	˙	˚	◌̣	◌̤	◌̥										
0EF8																
0EF9																
0EFA	⊞	⊟	⊠	⊡	⊢	⊣	⊤	⊥	⊦	⊧	⊨	⊩	⊪	⊫	⊬	
0EFB	⊰	⊱	⊲	◌̇	◌̈	◌̉		7		℞	ℙ	ℚ			⓵	℞
0EFC																
0EFD														œ	∞	æ
0EFE																
0EFF																
0F00															⊞	⊟
0F01				◌̂			◌̃						◌̄			◌̅
0F02											◌̆	◌̇				◌̈
0F03	◌̉	◌̊	◌̋	◌̌			◌̍		◌̎		◌̏			◌̐	◌̑	◌̒
0F04	◌̓															

Private Use Area: Latin Extended Appendix-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F05	ˆ	˙	˚	◌̣	◌̤	◌̥	◌̦	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬	◌̭	◌̮	◌̯
0F06	ⱡ	Ɫ	Ᵽ	Ɽ	ⱥ	ⱦ	Ⱨ	ⱨ	Ⱪ	ⱪ	Ⱬ	ⱬ	Ɑ	Ɱ	Ɐ	Ɒ
0F07	Ⱳ	ⱳ	ⱴ	Ⱶ	ⱶ	ⱷ	ⱸ	ⱹ	ⱺ	ⱻ	ⱼ	ⱽ	Ȿ	Ɀ	Ⲁ	ⲁ
0F08	ⲃ	Ⲅ	ⲅ	Ⲇ	ⲇ	Ⲉ	ⲉ	Ⲋ	ⲋ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ
0F09	Ⲕ	ⲕ	Ⲗ	ⲗ	Ⲙ	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲗ	ⲗ
0F0A	ⲙ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ	ⲓ	Ⲕ	ⲕ	Ⲍ	ⲍ	Ⲏ	ⲏ	Ⲑ	ⲑ	Ⲓ
0F0B	˘	˙	˚	◌̣	◌̤	◌̥	◌̦	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬	◌̭	◌̮	◌̯
0F0C	EA	ea	é	ĥ	◌̂	◌̃	◌̄	◌̅	◌̆	◌̇	◌̈	◌̉	◌̊	◌̋		◌̌
0F0D	◌̍	◌̎	◌̏	◌̐	◌̑	◌̒	◌̓	◌̔	◌̕	◌̖	◌̗	◌̘	◌̙	◌̚	◌̛	◌̜
0F0E	◌̝	◌̞	◌̟	◌̠	◌̡	◌̢	◌̣	◌̤	◌̥	◌̦	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬
0F0F	◌̭	◌̮	◌̯	◌̰	◌̱	◌̲	◌̳	◌̴	◌̵	◌̶	◌̷	◌̸	◌̹	◌̺	◌̻	◌̼

Private Use Area: MUFI-SIL Compatibility

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F10	Ⓢ	ℓ					ℓ				€				€	

Private Use Area: CYFI Compatibility

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F33	А	А	А			Ҁ	ҁ	҂	҃		Э	э	ё	ё	ё	ё
0F34	э	э		й		І	І		І	Ј	А	А	А	Һ		
0F35	К	К	Л	Л	М	Н	Н	Н	Н	О	о	о	о	о	о	о
0F36	С	с	с	Һ		Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү	Ү
0F37	yo	yo	Ѹ		Ү	Ү	Ѹ	Ѹ				х		с		
0F38	о	о	у	у	ШТ	шт	шт	Ш	Ш		ы	Ы	ы	ы	Ы	ы
0F39	ы	ЫИ	ЫИ	ы		Ы	Ы	ы	Ы	Ы	ы	ЫИ	ЫИ	ы		ь
0F3A	Ѹ	Ѹ	Ѹ	Ѹ	Ѹ	А	а	а		Э	Э	Э	Э	Э	Э	А
0F3B	А	А	А	А	А	А	А	А	А	А	А	А	А	А	А	А
0F3C	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х

Private Use Area: Cyrillic Extended Appendix

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F3D	Ѹ	А	а	Г	г	҃	҃	І	І	О	о	О	о	Г	Г	У
0F3E	у	҃	҃	Ж	ж	У	у	Һ	Һ	Һ	Һ	҃	҃	Һ	Һ	К
0F3F	к	Б	Б	Б	Б	Ц	Ц	҃	҃	҃	҃	Г	Г	Г	Г	

Private Use Area: Ath

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F4C	Б	–	Г	Г	Н	Н	Р	Р	Р	□						
0F4D	З	І	Ц	Ц	О	О	З	С	С	З	Б	Б	Һ	Λ	З	О
0F4E	д	Р	Н	Н	Н	Ч	а	Я	Ѓ	Ѓ	Ѓ	Ѓ				

Private Use Area: MUFI Compatibility-D

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F4F								Ѹ	Ѹ	Л	ƒh	Г	К	Б	К	Ѹ

Private Use Area: Kodo Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F50	𐀀	𐀁	𐀂	𐀃	𐀄	𐀅	𐀆	𐀇	𐀈	𐀉	𐀊	𐀋	𐀌	𐀍	𐀎	𐀏
0F51	𐀐	𐀑	𐀒	𐀓	𐀔	𐀕	𐀖	𐀗	𐀘	𐀙	𐀚	𐀛	𐀜	𐀝	𐀞	𐀟
0F52	𐀠	𐀡	𐀢	𐀣	𐀤	𐀥	𐀦	𐀧	𐀨	𐀩	𐀪	𐀫	𐀬	𐀭	𐀮	𐀯
0F53	𐀰	𐀱	𐀲	𐀳	𐀴	𐀵	𐀶	𐀷	𐀸	𐀹	𐀺	𐀻	𐀼	𐀽	𐀾	𐀿
0F54	𐁀	𐁁	𐁂	𐁃	𐁄	𐁅	𐁆	𐁇	𐁈	𐁉	𐁊	𐁋	𐁌	𐁍	𐁎	𐁏

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F6B																
0F6C																
0F6D																
0F6E																
0F6F																



Private Use Area: Kreative Compatibility

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0F70																
0F71	c	ø	0	p	o	6	W	4	0	M	Ω	ø		∩	∩	
0F72		$\frac{2}{7}$	$\frac{3}{7}$	$\frac{4}{7}$	$\frac{5}{7}$	$\frac{6}{7}$		$\frac{2}{9}$	$\frac{4}{9}$	$\frac{5}{9}$	$\frac{7}{9}$	$\frac{8}{9}$		$\frac{3}{10}$	$\frac{7}{10}$	$\frac{9}{10}$
0F73																
0F74																
0F75																
0F76									x	y	z	*	/	x	+	π
0F77		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0F78	P	Q	R	S	T	U	V	W	X	Y	Z	*	/	x	+	
0F79																
0F7A																
0F7B																
0F7C																
0F7D																
0F7E																
0F7F																



	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FD7																
0FD8																
0FD9																
0FDA																
0FDB																
0FDC																
0FDD	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
0FDE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
0FDF													ريال			

Combining Half Marks

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FE2					◌̣	◌̣	◌̣									

Small Form Variants

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FE5	,		.		;	:	?	!	-	()	{	}			#
0FE6	&	*	+	-	<	>	=		\	\$	%	@				

Arabic Presentation Forms-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FE7	◌̣	◌̣	◌̣	◌̣	◌̣		◌̣	◌̣	◌̣	◌̣	◌̣	◌̣	◌̣	◌̣	◌̣	◌̣
0FE8	ع	آ	آ	أ	أ	ؤ	ؤ	إ	إ	ئ	ئ	ر	ر	ا	ا	ب
0FE9	ب	ب	ب	ة	ة	ت	ت	ت	ت	ث	ث	ث	ث	ج	ج	د
0FEA	د	ح	ح	د	د	خ	خ	ذ	ذ	ر	ر	ز	ز	ر	ر	ز
0FEB	ز	س	س	س	س	ش	ش	ش	ش	ص	ص	ط	ط	ض	ض	ظ
0FEC	ض	ط	ط	ط	ط	ظ	ظ	ظ	ظ	ع	ع	ع	ع	غ	غ	غ
0FED	غ	ف	ف	ف	ف	ق	ق	ق	ق	ك	ك	ك	ك	ل	ل	ر
0FEE	ل	م	م	م	م	ن	ن	ز	ز	ي	ي	ه	ه	و	و	ي
0FEF	ي	ي	ي	ي	ي	لا	لا	لا	لا	لا	لا	لا	لا			

Halfwidth and Fullwidth Forms

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FF0		!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0FF1	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0FF2	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0FF3	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0FF4	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0FF5	p	q	r	s	t	u	v	w	x	y	z	{		}	~	((
0FF6)	o	l	j	\											
0FF7																
0FF8																
0FF9																
0FFA																
0FFB																
0FFC																
0FFD																
0FFE	¢	£	¬	¯	!	¥	₩			←	↑	→	↓	■	○	

!	,	.	0	:	;	?
!\	,\	.\	0\	:\	;\	?\

Specials

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0FFF										ᶘ	ᶙ	ᶚ	ᶛ	ᶜ	ᶝ	ᶞ

Ancient Greek Numbers

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1014	Ϟ	Ϛ	ϛ	Ϝ	ϝ	Ϟ	ϟ	Ϡ	ϡ	Ϣ	ϣ	Ϥ	ϥ	Ϧ	ϧ	Ϩ
1015	ϩ	Ϫ	ϫ	Ϭ	ϭ	Ϯ	ϯ	ϰ	ϱ	ϲ	ϳ	ϴ	ϵ	϶	Ϸ	ϸ
1016	Ϲ	Ϻ	ϻ	ϼ	Ͻ	Ͼ	Ͽ	Ϡ	ϡ	Ϣ	ϣ	Ϥ	ϥ	Ϧ	ϧ	Ϩ
1017	ϩ	Ϫ	ϫ	Ϭ	ϭ	Ϯ	ϯ	ϰ	ϱ	ϲ	ϳ	ϴ	ϵ	϶	Ϸ	ϸ
1018	ϩ	Ϫ	ϫ	Ϭ	ϭ	Ϯ	ϯ	ϰ	ϱ	ϲ	ϳ	ϴ	ϵ	϶	Ϸ	ϸ

Ancient Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1019	=	-	∟	2	ε	»	✕	∇	HS	H	÷	7	↘			
101A	φ															
101B																
101C																

Lycian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1028	Ɑ	↑	B	Ɱ	Υ	Δ	E	F	I	Χ	I	K	Ж	Λ	М	Ν
1029	X	Ɱ	O	Ɑ	◇	P	S	T	Υ	∇	Υ	+	V			

Carian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
102A	A	B	C	Δ	E	F	I	Ɱ	⊕	Ɑ	N	O	Ɑ	ϑ	ϕ	Ɱ
102B	M	T	Υ	ϕ	X	Υ	Ω	Ɱ	⊖	Ɱ	Ɱ	ϕ	∇	Υ	Ɱ	Ɱ
102C	Σ	X	Ɱ	Ɱ	Χ	Ɱ	Ɱ	↑	Ɱ	Ɱ	Ɱ	Ɱ	ϕ	Ɱ	A	H
102D	Ɱ															

Old Italic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1030	Ɱ	B	C	D	E	F	I	Ɱ	⊗	I	K	L	Ɱ	Ɱ	Ɱ	O
1031	Ɑ	M	Q	P	Ɱ	T	Y	X	ϕ	Υ	Ɱ	P	Ɱ	Ɱ	V	*
1032	I	Λ	X	↑										<	↑	Ɱ

Gothic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1033	Ɱ	B	Γ	Ɱ	ε	U	Z	h	ψ	I	K	λ	M	N	ϒ	π
1034	π	ϕ	Ɱ	S	T	Υ	F	X	⊖	Ɱ	↑					

Deseret

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1040	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠐	᠑	᠒	᠓	᠔	᠕
1041	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠐	᠑	᠒	᠓	᠔	᠕
1042	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕
1043	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐
1044	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕

Shavian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1045	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗
1046	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘
1047	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙

Osage

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
104B	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐
104C	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑
104D	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒
104E	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓
104F	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔

Elbasan

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1050	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕
1051	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐
1052	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕

Caucasian Albanian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1053	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗
1054	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘
1055	᠔	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙
1056	᠕	᠖	᠗	᠘	᠙	᠐	᠑	᠒	᠓	᠔	᠕	᠖	᠗	᠘	᠙	᠐

Latin Extended-F

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1078	ʌ	˙	˘	æ	ʌ	ʌ		ɔ	ɔ	ɔ	ɔ	ɔ	ɔ	ɔ	ɔ	ɔ
1079	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ	ɸ
107A	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ
107B	ʌ		ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ						

Hatran

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
108E	Ɑ	Ɱ	Ɐ	Ɒ	ⱱ	Ⱳ	ⱳ	ⱴ	Ⱶ	ⱶ	ⱷ	ⱸ	ⱹ	ⱺ	ⱻ	ⱼ
108F	Ⱬ	ⱬ	Ɑ		Ɱ	Ɐ						Ɒ	ⱱ	Ⱳ	ⱳ	ⱴ

Phoenician

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1090	𐤀	𐤁	𐤂	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏
1091	𐤐	𐤑	𐤒	𐤓	𐤔	𐤕	𐤖	𐤗	𐤘	𐤙	𐤚	𐤛	𐤜			·

Lydian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1092	𐤀	𐤁	𐤂	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏
1093	𐤐	𐤑	𐤒	𐤓	𐤔	𐤕	𐤖	𐤗	𐤘	𐤙						𐤚

Sidetic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1094	𐤀	𐤁	𐤂	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏
1095	𐤐	𐤑	𐤒	𐤓	𐤔	𐤕	𐤖	𐤗	𐤘	𐤙						

Old South Arabian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10A6	𐩀	𐩁	𐩂	𐩃	𐩄	𐩅	𐩆	𐩇	𐩈	𐩉	𐩊	𐩋	𐩌	𐩍	𐩎	𐩏
10A7	𐩐	𐩑	𐩒	𐩓	𐩔	𐩕	𐩖	𐩗	𐩘	𐩙	𐩚	𐩛	𐩜	𐩝	𐩞	𐩟

Old North Arabian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10A8	𐩀	𐩁	𐩂	𐩃	𐩄	𐩅	𐩆	𐩇	𐩈	𐩉	𐩊	𐩋	𐩌	𐩍	𐩎	𐩏
10A9	𐩐	𐩑	𐩒	𐩓	𐩔	𐩕	𐩖	𐩗	𐩘	𐩙	𐩚	𐩛	𐩜	𐩝	𐩞	𐩟

Old Turkic

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10C0	𐰀	𐰁	𐰂	𐰃	𐰄	𐰅	𐰆	𐰇	𐰈	𐰉	𐰊	𐰋	𐰌	𐰍	𐰎	𐰏
10C1	𐰐	𐰑	𐰒	𐰓	𐰔	𐰕	𐰖	𐰗	𐰘	𐰙	𐰚	𐰛	𐰜	𐰝	𐰞	𐰟
10C2	𐰠	𐰡	𐰢	𐰣	𐰤	𐰥	𐰦	𐰧	𐰨	𐰩	𐰪	𐰫	𐰬	𐰭	𐰮	𐰯
10C3	𐰰	𐰱	𐰲	𐰳	𐰴	𐰵	𐰶	𐰷	𐰸	𐰹	𐰺	𐰻	𐰼	𐰽	𐰾	𐰿
10C4	𐰿	𐱀	𐱁	𐱂	𐱃	𐱄	𐱅	𐱆	𐱇							

𐰀
𐰁 𐰂

Old Hungarian

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10C8	𐰀	𐰁	𐰂	𐰃	𐰄	𐰅	𐰆	𐰇	𐰈	𐰉	𐰊	𐰋	𐰌	𐰍	𐰎	𐰏
10C9	𐰐	𐰑	𐰒	𐰓	𐰔	𐰕	𐰖	𐰗	𐰘	𐰙	𐰚	𐰛	𐰜	𐰝	𐰞	𐰟
10CA	𐰠	𐰡	𐰢	𐰣	𐰤	𐰥	𐰦	𐰧	𐰨	𐰩	𐰪	𐰫	𐰬	𐰭	𐰮	𐰯
10CB	𐰰	𐰱	𐰲													
10CC	𐰳	𐰴	𐰵	𐰶	𐰷	𐰸	𐰹	𐰺	𐰻	𐰼	𐰽	𐰾	𐰿	𐱀	𐱁	𐱂
10CD	𐰱	𐰲	𐰳	𐰴	𐰵	𐰶	𐰷	𐰸	𐰹	𐰺	𐰻	𐰼	𐰽	𐰾	𐰿	𐱀
10CE	𐰱	𐰲	𐰳	𐰴	𐰵	𐰶	𐰷	𐰸	𐰹	𐰺	𐰻	𐰼	𐰽	𐰾	𐰿	𐱀
10CF	𐰱	𐰲	𐰳								𐰱	𐰲	𐰳	𐰴	𐰵	𐰶

Yezidi

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10E8	𐰀	𐰁	𐰂	𐰃	𐰄	𐰅	𐰆	𐰇	𐰈	𐰉	𐰊	𐰋	𐰌	𐰍	𐰎	𐰏
10E9	𐰐	𐰑	𐰒	𐰓	𐰔	𐰕	𐰖	𐰗	𐰘	𐰙	𐰚	𐰛	𐰜	𐰝	𐰞	𐰟
10EA	𐰠	𐰡	𐰢	𐰣	𐰤	𐰥	𐰦	𐰧	𐰨	𐰩		𐰪	𐰫	𐰬		
10EB	𐰱	𐰲														

Arabic Extended-C

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10EC			𐰀	𐰁	𐰂	𐰃	𐰄	𐰅								
10ED	𐰆															
10EE																
10EF											𐰆	𐰇				

Tai Xuan Jing Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1D30	☰	☱	☲	☳	☴	☵	☶	☷	☸	☹	☺	☻	☼	☽	☿	♁
1D31	☰	☱	☲	☳	☴	☵	☶	☷	☸	☹	☺	☻	☼	☽	☿	♁
1D32	☰	☱	☲	☳	☴	☵	☶	☷	☸	☹	☺	☻	☼	☽	☿	♁
1D33	☰	☱	☲	☳	☴	☵	☶	☷	☸	☹	☺	☻	☼	☽	☿	♁
1D34	☰	☱	☲	☳	☴	☵	☶	☷	☸	☹	☺	☻	☼	☽	☿	♁
1D35	☰	☱	☲	☳	☴	☵	☶	☷								

Counting Rod Numerals

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1D36	—	=	≡	≡	≡	⊥	⊥	≡	≡						T	⊥
1D37	≡	≡	—	T	F	⊥	⊥		≡							

Mathematical Alphanumeric Symbols

1D40	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1D41	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f
1D42	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
1D43	w	x	y	z	A	B	C	D	E	F	G	H	I	J	K	L
1D44	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b
1D45	c	d	e	f	g		i	j	k	l	m	n	o	p	q	r
1D46	s	t	u	v	w	x	y	z	A	B	C	D	E	F	G	H
1D47	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1D48	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1D49	o	p	q	r	s	t	u	v	w	x	y	z	ℳ		ℒ	℔
1D4A			ℒ			ℑ	ℒ			ℒ	ℒ	ℒ	ℒ		ℒ	ℒ
1D4B	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	a	b	c	d		f		h	i	j
1D4C	k	l	m	n		p	q	r	s	t	u	v	w	x	y	z
1D4D	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ
1D4E	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	a	b	c	d	e	f
1D4F	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
1D50	w	x	y	z	ℒ	ℒ		ℒ	ℒ	ℒ	ℒ			ℒ	ℒ	ℒ
1D51	ℒ	ℒ	ℒ	ℒ	ℒ		ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ		ℒ	ℒ
1D52	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
1D53	s	t	u	v	w	x	y	z	A	B		D	E	F	G	

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1D54	I	J	K	L	M		O				S	T	U	V	W	X
1D55	Y		a	b	c	d	e	f	g	h	i	j	k	l	m	n
1D56	o	p	q	r	s	t	u	v	w	x	y	z	ℵ	ℶ	ℷ	ℸ
1D57	€	ƒ	℔	℥	₰	₱	₲	₳	₴	₵	₶	₷	₸	₹	₺	₻
1D58	Ɑ	Ɱ	Ɐ	Ɒ	ⱱ	Ⱳ	ⱳ	ⱴ	Ⱶ	ⱶ	ⱷ	ⱸ	ⱹ	ⱺ	ⱻ	ⱼ
1D59	ƒ	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
1D5A	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1D5B	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f
1D5C	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
1D5D	w	x	y	z	A	B	C	D	E	F	G	H	I	J	K	L
1D5E	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b
1D5F	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
1D60	s	t	u	v	w	x	y	z	A	B	C	D	E	F	G	H
1D61	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1D62	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1D63	o	p	q	r	s	t	u	v	w	x	y	z	A	B	C	D
1D64	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1D65	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j
1D66	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
1D67	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1D68	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f
1D69	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
1D6A	w	x	y	z	/	J			A	B	Γ	Δ	E	Z	H	Θ
1D6B	I	K	Λ	M	N	Ξ	O	Π	P	Θ	Σ	T	Υ	Φ	X	Ψ
1D6C	Ω	∇	α	β	γ	δ	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ
1D6D	ο	π	ρ	ς	σ	τ	υ	φ	χ	ψ	ω	θ	ε	ϑ	κ	φ
1D6E	ϑ	ω	A	B	Γ	Δ	E	Z	H	Θ	I	K	Λ	M	N	Ξ
1D6F	O	Π	P	Θ	Σ	T	Υ	Φ	X	Ψ	Ω	∇	α	β	γ	δ
1D70	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ	ο	π	ρ	ς	σ	τ
1D71	υ	φ	χ	ψ	ω	θ	ε	ϑ	κ	φ	ρ	ω	A	B	Γ	Δ
1D72	E	Z	H	Θ	I	K	Λ	M	N	Ξ	O	Π	P	Θ	Σ	T
1D73	Υ	Φ	X	Ψ	Ω	∇	α	β	γ	δ	ε	ζ	η	θ	ι	κ
1D74	λ	μ	ν	ξ	ο	π	ρ	ς	σ	τ	υ	φ	χ	ψ	ω	θ
1D75	ε	ϑ	κ	φ	ρ	ω	A	B	Γ	Δ	E	Z	H	Θ	I	K
1D76	Λ	M	N	Ξ	O	Π	P	Θ	Σ	T	Υ	Φ	X	Ψ	Ω	∇

Mahjong Tiles

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
1F00																	
1F01																	
1F02																	



Domino Tiles

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F03																
1F04																
1F05																
1F06																
1F07																
1F08																
1F09																

Playing Cards

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F0A																
1F0B																
1F0C																
1F0D																
1F0E																
1F0F																

Enclosed Alphanumeric Supplement

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F10	o.	o,	1,	2,	3,	4,	5,	6,	7,	8,	9,	⓪	Ⓛ	Ⓜ	Ⓝ	Ⓞ
1F11	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
1F12	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	{S}	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ
1F13	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]	[K]	[L]	[M]	[N]	[O]	[P]
1F14	[Q]	[R]	[S]	[T]	[U]	[V]	[W]	[X]	[Y]	[Z]	[HV]	[MV]	[SD]	[SS]	[PPV]	[WC]
1F15	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓖ	Ⓞ	Ⓟ
1F16	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	Ⓧ	Ⓨ	Ⓩ	MC	MD	MR	Ⓒ	Ⓖ	Ⓞ

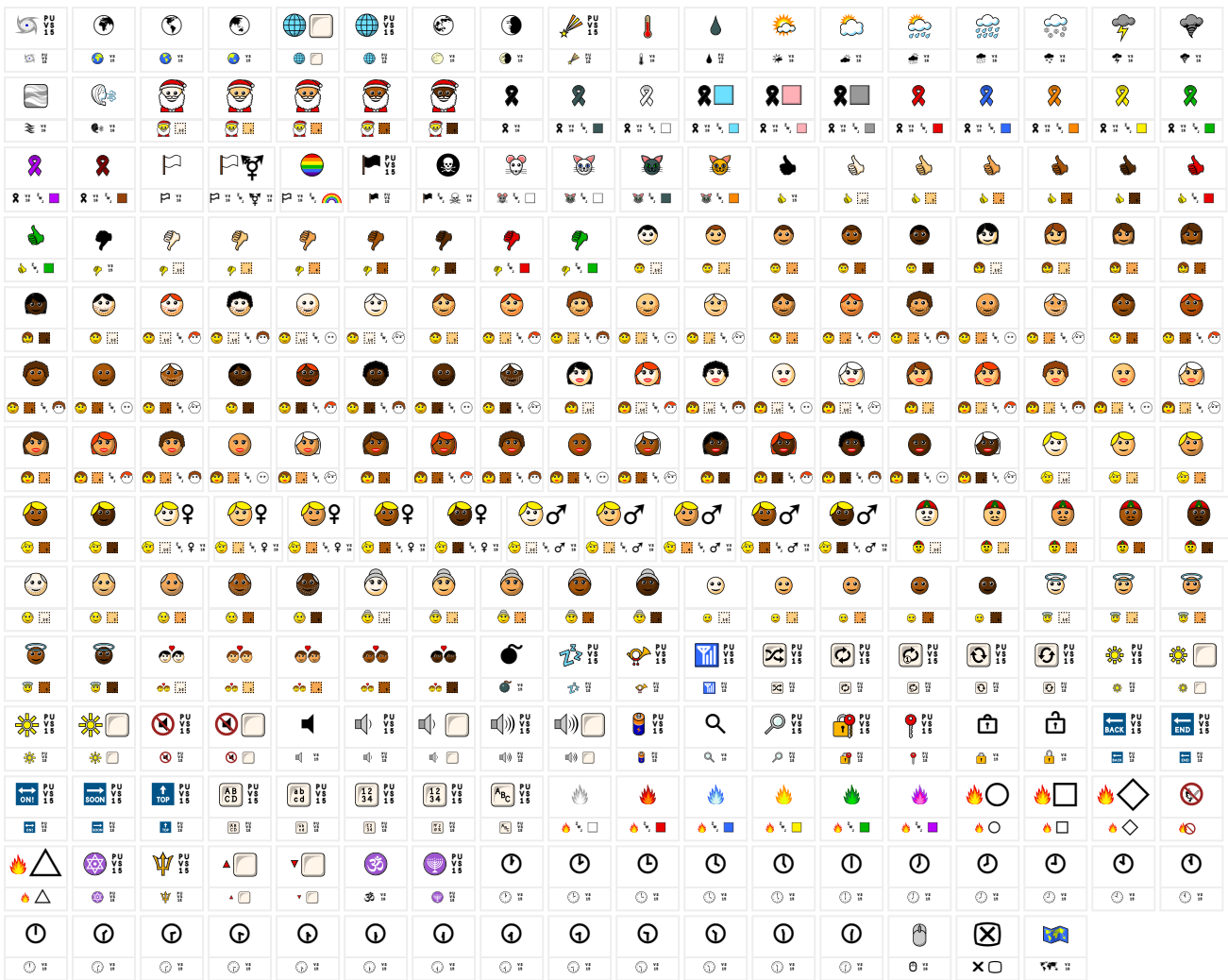
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F17	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1F18	Q	R	S	T	U	V	W	X	Y	Z	ⓧ	IC	PA	SA	AB	WC
1F19	DJ	CL	CC	CC	ID	NEW	VC	OK	🔴	UP	🔴	3D	2ND SCR	2K	4K	8K
1F1A	5.1	7.1	22.2	60P	120P	d	HC	HDR	HI-RES	LOSS LESS	SRV	UHD	VOD	Ⓜ		
1F1B																
1F1C																
1F1D																
1F1E							[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]
1F1F	[K]	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]	[T]	[U]	[V]	[W]	[X]	[Y]	[Z]



Miscellaneous Symbols And Pictographs

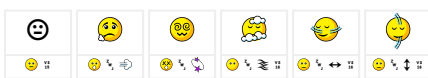
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F30	👁		🌂			🌈			🌈					🌍	🌍	🌍
1F31	🌐	🌑	🌒	🌓	🌔	🌕	🌖	🌗	🌘	🌙	🌚	🌛	🌜	🌝	☀	☀
1F32	🌬	🌡	💧	☀	🦟	☁	🌧	🌩	⚡	⚡	🌪	🌊	🌫			
1F33											🦋					
1F34			🌹													
1F35																
1F36																
1F37																
1F38		🎁		🎃	🎄	🎅										
1F39							🏆	🏳️								
1F3A							🗳									
1F3B			🎲		🇳🇪	🎵	🎶						🎼			
1F3C		🚩				🏆										
1F3D																
1F3E								ATM								
1F3F				🚩	🚩							🏠	🏠	🏠	🏠	🏠
1F40																
1F41																
1F42														🐼		
1F43		🐱				🐵		🐶						👁		
1F44														👉	👎	

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F45																
1F46							😊	😏	😊	😏	👩👧					
1F47		😏	😏		😊	😏	😊			👹	👹	👻	😏	😏	🌸	😈
1F48	💀											💋			💎	
1F49		💏		❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️	❤️
1F4A			💣	💣	💣	💣	💣	💣	💣	💣		💣				100
1F4B			💰	💳												
1F4C																
1F4D																
1F4E																👉
1F4F						🚫	📊									
1F50	🔇	🔇	🔇	🔇	🔇	🔇	🔇	🔇	🔇	🔇	🔇	🔇		🔍	🔍	
1F51	🔒	🔑	🔒	🔒		🚫			🎯	⏪	⏩	⏪	⏩	⏪	⏩	10
1F52	🔠	🔡	🔢	🔣	🔤	🔥										🔪
1F53		🏹	📱	📱	🔴	🔵	🔶	🔷	🔸	🔹	🔺	🔻	🔼	🔽	🌑	🌒
1F54	⊕	⊖	⊕				+	+	+	+					⊖	
1F55	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒
1F56	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🕒	🔊	🔊	🔊	🔊	🔊			🕯
1F57		💀														
1F58																
1F59																
1F5A					♥️											🗑
1F5B	🗑	🗑				🗑										
1F5C																
1F5D						—	□	📄	🔄	✖	AA	AA				
1F5E																
1F5F					✖	✖	✖	✖	✓	✓	🌐					



Emoticons

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F60																
1F61																
1F62																
1F63																
1F64																



Ornamental Dingbats

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F65																
1F66																
1F67	<i>er</i>	<i>er</i>	<i>&</i>	<i>&</i>	<i>&</i>	<i>&</i>	“	”	„	?	?	?	/	\	▣	▣

Transport And Map Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F68																
1F69																
1F6A												🚫	🚰	🚳	♿	🚮
1F6B	🚶	🚫	♿	🚳				🚫	⚠️	♿	♿	♿	♿	👉	♿	
1F6C			♿	♿	🏠	🏠	⚠️	🚫	📍							
1F6D	♿	🛑						♿					📶		📶	🚫
1F6E								✈️			✈️	✈️	✈️			
1F6F																



Alchemical Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F70	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊
1F71	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎
1F72	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
1F73	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊
1F74	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎
1F75	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑
1F76	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊
1F77	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎

Geometric Shapes Extended

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F78	◀	▲	▶	▼	•	◯	◯	◯	◯	◉	◉	◉	◉	◉	◉	◉
1F79	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻	◻
1F7A	◊	+	+	+	+	+	+	+	×	×	×	×	×	×	×	×
1F7B	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳	✳
1F7C	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣	♣
1F7D	✳	✳	✳	✳	✳	⊕	⊕	⊕	⊕	✳						
1F7E	●	●	●	●	●	■	■	■	■	■	■	■				
1F7F	≡															



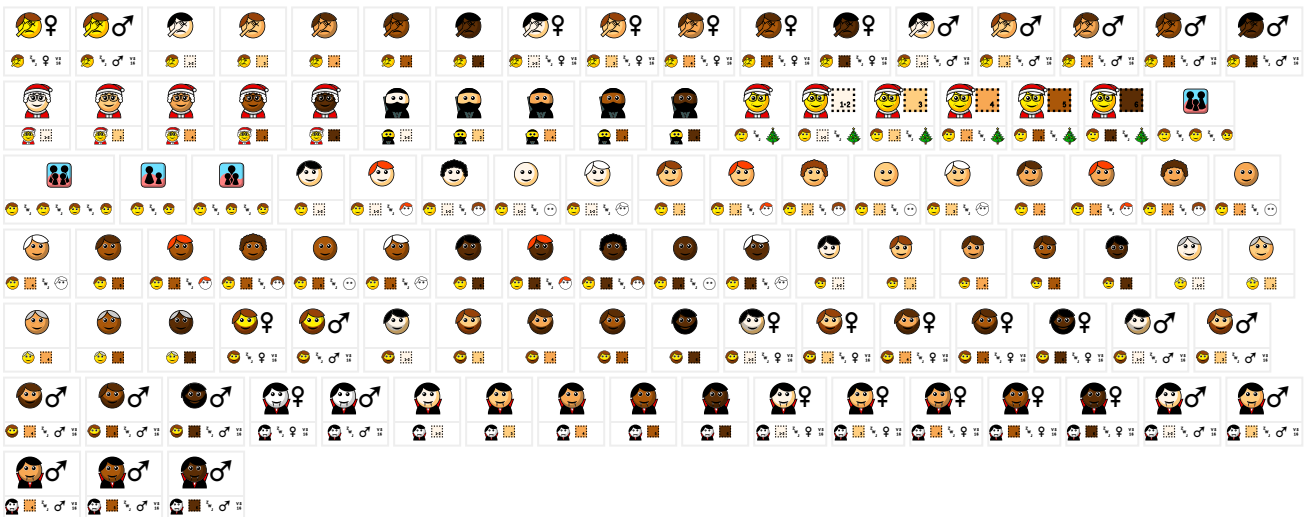
Supplemental Arrows-C

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F80	←	↑	→	↓	←	↑	→	↓	←	↑	→	↓				
1F81	←	↑	→	↓	←	↑	→	↓	←	↑	→	↓	←	↑	→	↓
1F82	←	↑	→	↓	←	↑	→	↓	←	↑	→	↓	←	↑	→	↓
1F83	←	↑	→	↓	↩	↪	↩	↪	←	↑	→	↓	↩	↪	↩	↪
1F84	↩	↪	↩	↪	←	↑	→	↓								
1F85	←	↑	→	↓	↖	↗	↘	↙	↔	↕						
1F86	←	↑	→	↓	↖	↗	↘	↙	←	↑	→	↓	↖	↗	↘	↙
1F87	←	↑	→	↓	↖	↗	↘	↙	←	↑	→	↓	↖	↗	↘	↙
1F88	←	↑	→	↓	↖	↗	↘	↙								
1F89	◀	▲	▶	▼	◀	▲	▶	▼	←	↑	→	↓	-	-	.	.
1F8A	↩	↪	↩	↪	↩	↪	↩	↪	↩	↪	↩	↪	▪	▪		
1F8B	↖	↗	↘	↙	↖	↗	↘	↙	↖	↗	↘	↙				
1F8C	↙	↘														
1F8D	↔	⇌	⇌	⇌	⇌	⇌	↔	↔	↔							
1F8E																
1F8F																



Supplemental Symbols And Pictographs

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1F90	☹️	☹️	☹️	☹️	☹️	☹️	☹️	☹️	☹️	☹️	☹️	☹️		💔	❤️	
1F91	😞	😞	😞	😞	😞	😞	😞	😞								
1F92	🤪	🎅	🌱	😄	😄	😄	🤪	🤪	😄	😄	😄	🤪	🎅	😄	🤪	🤪
1F93							🎅									
1F94								🏅	🏅	🏅						
1F95																
1F96																
1F97	🤪	😞	😄	🍋	😄	🎅	🌱	🤪	😞	😄	😄					
1F98																
1F99																
1F9A																
1F9B	🎅	👤	👤	👤												
1F9C													🐱			
1F9D	😞	👤	👤	👤	👤								👤			
1F9E		❤️														
1F9F																👤



Chess Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1FA0																
1FA1																
1FA2																
1FA3																
1FA4																
1FA5																
1FA6																

Symbols And Pictographs Extended-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1FA7																
1FA8																
1FA9																
1FAA																
1FAB																
1FAC																
1FAD																
1FAE																
1FAF																



Symbols for Legacy Computing

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1FB0																
1FB1																
1FB2																
1FB3																
1FB4																
1FB5																
1FB6																
1FB7																
1FB8																
1FB9																

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1FBA	/	\	∖	/	<	>	∨	∧	∕	∖	∇	∠	∠	∠	∠	+
1FBB	▶	☑	✎	≡	↩	↪	↻	⤴	⤵	⤶	⤷	⦶	⦶	⦶	⦶	⦶
1FBC	⊗	✎	✎	≡	?	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
1FBD	/	/	∖	∖	∖	∖	/	/	∨	<	∧	>	∇	<	∧	>
1FBE	∪	∩	∩	∩	■	■	■	■	◐	◑	◒	◓	◔	◕	◖	◗
1FBF	0	1	2	3	4	5	6	7	8	9	🔔					

Supplementary Private Use Area-A: Control Pictures Appendix-A

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
F030	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍
F031	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴	⤴
F032	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
F033	P _S	H _O	B _P	N _H	I _N	N _E	S _A	E _S	H _T	H _T	V _T	P _L	P _L	R _I	S _S	S _S
F034	D _C	P _U	P _U	S _T	C _C	M _W	S _F	E _F	S _O	SO CI	S _C	C _S	S _T	O _C	P _M	A _C
F035	NB SP	SHY	C _G							A _L		S _A			NB V	H _C
F036	H _J	OSM	KIV AQ	KIV AA	FV S1	FV S2	FV S3	M _V	FV S4							
F037	NQ SP	MQ SP	EN SP	EM SP	3/M SP	4/M SP	6/M SP	F _S	P _S	TH SP	H _S	ZW SP	ZW NJ	Z _W	L _R	R _L
F038	NB	L SEP	P SEP	L _R	R _L	P _D	L _R	R _L	NNB SP	MM SP	W _J	F{}	INV X	INV S	INV +	L _R
F039	R _L	F _S	P _D	I _S	A _S	I AFS	A AFS	NA DS	NO DS							
F03A									T _C			ID SP	H _F			
F03B	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S	V _S
F03C	ZW NBS	B _O	HW HF	I _A	I _A	I _A	FF FE	FF FE								
F03D	R _H						KSS F	Z _S	DT LS	➡	➡	➡	➡	➡	➡	➡
F03E	MS NNH	MS BB	MS EB	MS BT	MS ET	MS BS	MS ES	MS BP	MS EP	SW F2	SW F3	SW F4	SW F5	SW F6	SW R2	SW R3
F03F	SW R4	SW R5	SW R6	SW R7	SW R8	SW R9	SWR 10	SWR 11	SWR 12	SWR 13	SWR 14	SWR 15	SWR 16			
F040	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
F041																
F042	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	F _S	H _S	🔍	🔍	🔍	🔍	🔍	🔍
F043	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍					🔍	🔍	🔍
F044	S _L	R _L	O _E	S _F	R _F	R _S	P _O	U _S	C _U	I _F	I _O	I _S	I _U	D _S	S _O	W _S
F045	S _V	S _A	S _E	S _M	C _S	M _S			I _R	F _P	T _N	N _S	S _S	I _T	R _F	C _S
F046	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
F047	S _F	S _A	M _F	I _C	P _T	R _A	E _U	V _S	E _N	I _N	F _M	D _U	*	F _M	S _S	S _S
F048	L _S	L _O	C _E	I _S	I _S	I _S	I _S		R _P	R _E	F _N	F _E	H _F	🔍	🔍	🔍
F049	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍							

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
F09E																½
F09F														○	⦿	◻

Supplementary Private Use Area-A: Partially Enclosed Alphanumerics

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
F0D0	⓪	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ
F0D1	⓫	⓬	⓭	⓮	⓯	⓰	⓱	⓲	⓳	⓴	⓵	⓶	⓷	⓸	⓹	⓺
F0D2	⓪̄	①̄	②̄	③̄	④̄	⑤̄	⑥̄	⑦̄	⑧̄	⑨̄	Ⓐ̄	Ⓑ̄	Ⓒ̄	Ⓓ̄	Ⓔ̄	Ⓕ̄
F0D3	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂	Ⓕ̂	Ⓖ̂	Ⓗ̂	Ⓘ̂	Ⓚ̂	Ⓛ̂	Ⓜ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂
F0D4	Ⓖ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂	Ⓕ̂
F0D5	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0D6	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂	Ⓕ̂	Ⓖ̂	Ⓗ̂	Ⓘ̂	Ⓚ̂	Ⓛ̂	Ⓜ̂	Ⓨ̂
F0D7	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂	Ⓕ̂	Ⓖ̂	Ⓗ̂	Ⓘ̂	Ⓚ̂	Ⓛ̂	Ⓜ̂	Ⓨ̂
F0D8	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂
F0D9	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓐ̂	Ⓑ̂	Ⓒ̂	Ⓓ̂	Ⓔ̂
F0DA	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0DB	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0DC	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0DD	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0DE	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂
F0DF	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂	Ⓧ̂	Ⓨ̂	Ⓩ̂	Ⓟ̂	Ⓠ̂	Ⓡ̂	Ⓢ̂	Ⓣ̂	Ⓤ̂	Ⓥ̂	Ⓦ̂

Supplementary Private Use Area-A: Domino Tiles Appendix

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FC10																
FC11																
FC12																
FC13																
FC14																
FC15																
FC16																

Supplementary Private Use Area-A: Polyhedral Dice

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FC17																
FC18																
FC19																
FC1A																

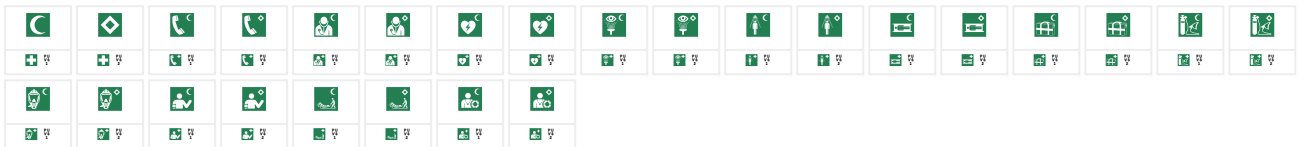
Supplementary Private Use Area-A: Hanafuda

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FC1B																
FC1C																
FC1D																
FC1E																

Supplementary Private Use Area-A: Kabufuda

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FC1F																

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
FCA9																	
FCAA																	
FCAB																	
FCAC																	
FCAD																	
FCAE																	
FCAF																	



Supplementary Private Use Area-A: Maritime Signal Flags

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FCB0																
FCB1																
FCB2																
FCB3																
FCB4																
FCB5																
FCB6																
FCB7																

Supplementary Private Use Area-A: Weather Symbols

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FD20	○	◊	◌	◌	∞	∞	S	\$	€	Ⓢ	=	≡	≡	∩	∩	∩
FD21	∇	∩	∩	∩	∩	∩	∩	∩	∩	∩	≡	∩	∩	∩	∩	∩
FD22	∩	∩	+	+	+	+	(≡)	≡	≡	≡	≡	≡	≡	≡	≡	≡
FD23	·	”	;	;	;	;	∩	∩	;	;	·	·	:	:	:	∩
FD24	∩	∩	:	:	·	·	:	:	:	∩	↔	△	*	△	∩	∩
FD25	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD26	∩	∩	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	∧	/	/	✓
FD27	—	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇
FD28	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇	∇
FD29	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD2A	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD2B	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD2C	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD2D	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩
FD2E																
FD2F																🔑



Supplementary Private Use Area-A: Regional Flags

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FDE0																
FDE1																
FDE2																
FDE3																
FDE4																
FDE5																
FDE6																
FDE7																
FDE8																
FDE9																
FDEA																
FDEB																
FDEC																
FDED																
FDEE																
FDEF																
FDF0																
FDF1																
FDF2																
FDF3																
FDF4																
FDF5																
FDF6																
FDF7																
FDF8																
FDF9																
FDFA																
FDFB																
FDFC																
FDFD																
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Supplementary Private Use Area-A: GMail Emoji Compatibility

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
FE08																	
FE35																	
FE36																	
FE37																	
FE4D																	
FE4E																	
FE4F																	
FE81																	
FE82																	
FE83																	
FE84																	
FEE1																	
FEE2																	
FEE3																	
FEE4																	
FEEF																	

Supplementary Private Use Area-A: Pictographs Appendix

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FF00																
FF01																
FF02																
FF03																
FF04																
FF05																
FF06																
FF07																
FF08																
FF09																
FF0A																
FF0B																
FF0C																

Supplementary Private Use Area-A: Mathematical Alphanumeric Appendix

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FFFA	F	F	F	F	F	F	F	F								
FFFB																
FFFC																
FFFD																
FFFE																
FFFF																

Supplementary Private Use Area-B: Control Pictures Appendix-B

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10000		☞														
10001																
10002	☞	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
10003	0	1	2	3	4	5	6	7	8	9	:	:	<	=	>	?
10004	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
10005	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
10006	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
10007	p	q	r	s	t	u	v	w	x	y	z	{		}	~	END
10008																
1000F																
10010	VS 17	VS 18	VS 19	VS 20	VS 21	VS 22	VS 23	VS 24	VS 25	VS 26	VS 27	VS 28	VS 29	VS 30	VS 31	VS 32
10011	VS 33	VS 34	VS 35	VS 36	VS 37	VS 38	VS 39	VS 40	VS 41	VS 42	VS 43	VS 44	VS 45	VS 46	VS 47	VS 48
10012	VS 49	VS 50	VS 51	VS 52	VS 53	VS 54	VS 55	VS 56	VS 57	VS 58	VS 59	VS 60	VS 61	VS 62	VS 63	VS 64
10013	VS 65	VS 66	VS 67	VS 68	VS 69	VS 70	VS 71	VS 72	VS 73	VS 74	VS 75	VS 76	VS 77	VS 78	VS 79	VS 80
10014	VS 81	VS 82	VS 83	VS 84	VS 85	VS 86	VS 87	VS 88	VS 89	VS 90	VS 91	VS 92	VS 93	VS 94	VS 95	VS 96
10015	VS 97	VS 98	VS 99	VS 100	VS 101	VS 102	VS 103	VS 104	VS 105	VS 106	VS 107	VS 108	VS 109	VS 110	VS 111	VS 112
10016	VS 113	VS 114	VS 115	VS 116	VS 117	VS 118	VS 119	VS 120	VS 121	VS 122	VS 123	VS 124	VS 125	VS 126	VS 127	VS 128
10017	VS 129	VS 130	VS 131	VS 132	VS 133	VS 134	VS 135	VS 136	VS 137	VS 138	VS 139	VS 140	VS 141	VS 142	VS 143	VS 144
10018	VS 145	VS 146	VS 147	VS 148	VS 149	VS 150	VS 151	VS 152	VS 153	VS 154	VS 155	VS 156	VS 157	VS 158	VS 159	VS 160
10019	VS 161	VS 162	VS 163	VS 164	VS 165	VS 166	VS 167	VS 168	VS 169	VS 170	VS 171	VS 172	VS 173	VS 174	VS 175	VS 176
1001A	VS 177	VS 178	VS 179	VS 180	VS 181	VS 182	VS 183	VS 184	VS 185	VS 186	VS 187	VS 188	VS 189	VS 190	VS 191	VS 192
1001B	VS 193	VS 194	VS 195	VS 196	VS 197	VS 198	VS 199	VS 200	VS 201	VS 202	VS 203	VS 204	VS 205	VS 206	VS 207	VS 208
1001C	VS 209	VS 210	VS 211	VS 212	VS 213	VS 214	VS 215	VS 216	VS 217	VS 218	VS 219	VS 220	VS 221	VS 222	VS 223	VS 224
1001D	VS 225	VS 226	VS 227	VS 228	VS 229	VS 230	VS 231	VS 232	VS 233	VS 234	VS 235	VS 236	VS 237	VS 238	VS 239	VS 240

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1011A	ٲ	ٳ	ٴ	ٵ	ٶ	ٷ	ٸ	ٹ	ٺ	ٻ	ټ	ٽ	ٿ	ٽ	ٿ	ٽ
1011B	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
1011C	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
1011D	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
1011E	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
1011F	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10120	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10121	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10122	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10123	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10124	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10125	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10126	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10127	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10128	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ
10129	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ	ٿ	ٽ						
1012A																
1012B																
1012C																
1012D																
1012E																
1012F																

Supplementary Private Use Area-B: Mirrored Glyphs

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
10140	𐄀	𐄁	𐄂	𐄃	𐄄	𐄅	𐄆	𐄇	𐄈	𐄉	𐄊	𐄋	𐄌	𐄍	𐄎	𐄏
10141	𐄐	𐄑	𐄒	𐄓	𐄔	𐄕	𐄖	𐄗	𐄘	𐄙	𐄚	𐄛	𐄜	𐄝	𐄞	𐄟
10142	𐄠	𐄡	𐄢	𐄣	𐄤	𐄥	𐄦	𐄧	𐄨	𐄩	𐄪	𐄫	𐄬	𐄭	𐄮	𐄯
10143	𐄰	𐄱	𐄲	𐄳	𐄴	𐄵	𐄶	𐄷	𐄸	𐄹	𐄺	𐄻	𐄼	𐄽	𐄾	𐄿
10144	𐅀	𐅁	𐅂	𐅃	𐅄	𐅅	𐅆	𐅇	𐅈	𐅉	𐅊	𐅋	𐅌	𐅍	𐅎	𐅏
10145	𐅐	𐅑	𐅒	𐅓	𐅔	𐅕	𐅖	𐅗	𐅘	𐅙	𐅚	𐅛	𐅜	𐅝	𐅞	𐅟
10146	𐅠	𐅡	𐅢	𐅣	𐅤	𐅥	𐅦	𐅧	𐅨	𐅩	𐅪	𐅫	𐅬	𐅭	𐅮	𐅯
10147	𐅰	𐅱	𐅲	𐅳	𐅴	𐅵	𐅶	𐅷	𐅸	𐅹	𐅺	𐅻	𐅼	𐅽	𐅾	𐅿
10148	𐆀	𐆁	𐆂	𐆃	𐆄	𐆅	𐆆	𐆇	𐆈	𐆉	𐆊	𐆋	𐆌	𐆍	𐆎	𐆏
10149	𐆐	𐆑	𐆒	𐆓	𐆔	𐆕	𐆖	𐆗	𐆘	𐆙	𐆚	𐆛	𐆜	𐆝	𐆞	𐆟

