

**Title: Additional repertoire for ISO/IEC 10646:2017 (5th ed.) Amendment 2.0****Date: 2017-06-05****L2/17-189 WG2 N4825**

Source: Michel Suignard, project editor

*Status: Project Editor's summary of the character repertoire addition as of June 2017*

Action: For review by WG2 and UTC experts

Distribution: WG2 and UTC

Replaces:

**Status**

This document presents a summary of all characters that constitute the tentative new repertoire for ISO/IEC 10646 5th edition Amd2, with code positions, representative glyphs and character names.

**Manner of Presentation**

The character names and code points shown are the same for Unicode and ISO/IEC 10646, including annotations.

**Note to Reviewers**

UTC reviewers, please use this document as a summary of UTC review of pending ballots and proposals.

WG2 Reviewers, please use this document as an aid during disposition of ballot comments.

**Contents**

*This document lists 341 characters.*

The following list shows all 8 blocks (existing or new) to which characters are proposed to be added, or which have been affected by other changes documented here.

**1C90-1CBF Georgian Extended**

See document: L2/16-081 WG2 N4712

**1CD0-1CFF Vedic Extensions**

See document: L2/16-117

**A720-A7FF Latin Extended-D**

See document L2/17-076R2 WG2 N4792R2

**11B90-11BEF Nandinagari**

See document L2/17-162

**13430-1343F Egyptian Hieroglyphs Format Controls**

See document L2/17-112

**1E100-1E14F Nyiakeng Puachue Hmong**

See document: L2/17-002R3 WG2 N4780R3

**1F100-1F1FF Enclosed Alphanumeric Supplement**

See document L2/17-066R

**1FA00-1FA6F Chess Symbols**

See document L2/17-034R3 WG2 N4784R

	1C9	1CA	1CB
0	ს 1C90	შ 1CA0	ჭ 1CB0
1	ბ 1C91	ც 1CA1	ცხ 1CB1
2	გ 1C92	ძ 1CA2	ღ 1CB2
3	დ 1C93	წ 1CA3	ჭვ 1CB3
4	ე 1C94	ყ 1CA4	კ 1CB4
5	ვ 1C95	ქ 1CA5	ჟ 1CB5
6	ზ 1C96	რ 1CA6	ჭჟ 1CB6
7	თ 1C97	ყვ 1CA7	ზ 1CB7
8	ი 1C98	ზვ 1CA8	ტ 1CB8
9	კ 1C99	ჩ 1CA9	ცვ 1CB9
A	ლ 1C9A	ცხვ 1CAA	ცხვრ 1CBA
B	მ 1C9B	ძვ 1CAB	
C	ნ 1C9C	ჭვრ 1CAC	
D	მთ 1C9D	ჭჟვ 1CAD	ს 1CBD
E	ჰ 1C9E	ბ 1CAE	ძ 1CBE
F	ჟვ 1C9F	ჭჟვრ 1CAF	ო 1CBF

**Capital letters (Mtavruli)**

*This is the special uppercase of the modern secular alphabet. Modern Georgian orthography uses these letters to emphasize words and phrases analogously to Latin "all caps" style. See the Georgian block for lowercase Mkhedruli.*

1C90	ს	GEORGIAN MTAVRULI CAPITAL LETTER AN X (georgian letter an - 10D0 ს)
1C91	ბ	GEORGIAN MTAVRULI CAPITAL LETTER BAN
1C92	გ	GEORGIAN MTAVRULI CAPITAL LETTER GAN
1C93	დ	GEORGIAN MTAVRULI CAPITAL LETTER DON
1C94	ე	GEORGIAN MTAVRULI CAPITAL LETTER EN
1C95	ვ	GEORGIAN MTAVRULI CAPITAL LETTER VIN
1C96	ზ	GEORGIAN MTAVRULI CAPITAL LETTER ZEN
1C97	თ	GEORGIAN MTAVRULI CAPITAL LETTER TAN
1C98	ი	GEORGIAN MTAVRULI CAPITAL LETTER IN
1C99	კ	GEORGIAN MTAVRULI CAPITAL LETTER KAN
1C9A	ლ	GEORGIAN MTAVRULI CAPITAL LETTER LAS
1C9B	მ	GEORGIAN MTAVRULI CAPITAL LETTER MAN
1C9C	ნ	GEORGIAN MTAVRULI CAPITAL LETTER NAR
1C9D	მთ	GEORGIAN MTAVRULI CAPITAL LETTER ON
1C9E	ჰ	GEORGIAN MTAVRULI CAPITAL LETTER PAR
1C9F	ჟვ	GEORGIAN MTAVRULI CAPITAL LETTER ZHAR
1CA0	შ	GEORGIAN MTAVRULI CAPITAL LETTER RAE
1CA1	ს	GEORGIAN MTAVRULI CAPITAL LETTER SAN
1CA2	ჭ	GEORGIAN MTAVRULI CAPITAL LETTER TAR
1CA3	წ	GEORGIAN MTAVRULI CAPITAL LETTER UN
1CA4	ჭვ	GEORGIAN MTAVRULI CAPITAL LETTER PHAR
1CA5	ქ	GEORGIAN MTAVRULI CAPITAL LETTER KHAR
1CA6	ყ	GEORGIAN MTAVRULI CAPITAL LETTER GHAN
1CA7	ყვ	GEORGIAN MTAVRULI CAPITAL LETTER QAR
1CA8	ზვ	GEORGIAN MTAVRULI CAPITAL LETTER SHIN
1CA9	ჩ	GEORGIAN MTAVRULI CAPITAL LETTER CHIN
1CAA	ცხვ	GEORGIAN MTAVRULI CAPITAL LETTER CAN
1CAB	ძვ	GEORGIAN MTAVRULI CAPITAL LETTER JIL
1CAC	ჭვრ	GEORGIAN MTAVRULI CAPITAL LETTER CIL
1CAD	ჭჟვ	GEORGIAN MTAVRULI CAPITAL LETTER CHAR
1CAE	ბ	GEORGIAN MTAVRULI CAPITAL LETTER XAN
1CAF	ჭჟვრ	GEORGIAN MTAVRULI CAPITAL LETTER JHAN
1CB0	ჭ	GEORGIAN MTAVRULI CAPITAL LETTER HAE
1CB1	ცხ	GEORGIAN MTAVRULI CAPITAL LETTER HE
1CB2	ღ	GEORGIAN MTAVRULI CAPITAL LETTER HIE
1CB3	ჭვ	GEORGIAN MTAVRULI CAPITAL LETTER WE
1CB4	ჭვრ	GEORGIAN MTAVRULI CAPITAL LETTER HAR
1CB5	ჟ	GEORGIAN MTAVRULI CAPITAL LETTER HOE
1CB6	ჭჟ	GEORGIAN MTAVRULI CAPITAL LETTER FI

**Additional letters for Mingrelian and Svan**

















































1CB7	ზ	GEORGIAN MTAVRULI CAPITAL LETTER YN
1CB8	ტ	GEORGIAN MTAVRULI CAPITAL LETTER ELIFI

**Additional letters**

1CB9	ღ	GEORGIAN MTAVRULI CAPITAL LETTER TURNED GAN
1CBA	ც	GEORGIAN MTAVRULI CAPITAL LETTER AIN

**Additional letters for Ossetian and Abkhaz**

1CBD	ს	GEORGIAN MTAVRULI CAPITAL LETTER AEN
1CBE	ძ	GEORGIAN MTAVRULI CAPITAL LETTER HARD SIGN
1CBF	ო	GEORGIAN MTAVRULI CAPITAL LETTER LABIAL SIGN

	1CD	1CE	1CF
0	 1CD0	 1CE0	 1CF0
1	 1CD1	 1CE1	 1CF1
2	 1CD2	 1CE2	 1CF2
3	 1CD3	 1CE3	 1CF3
4	 1CD4	 1CE4	 1CF4
5	 1CD5	 1CE5	 1CF5
6	 1CD6	 1CE6	 1CF6
7	 1CD7	 1CE7	 1CF7
8	 1CD8	 1CE8	 1CF8
9	 1CD9	 1CE9	 1CF9
A	 1CDA	 1CEA	 1CFA
B	 1CDB	 1CEB	
C	 1CDC	 1CEC	
D	 1CDD	 1CED	
E	 1CDE	 1CEE	
F	 1CDF	 1CEF	

**Tone marks for the Samaveda**

- 1CD0  $\hat{\circ}$  VEDIC TONE KARSHANA  
= vaidika saamasvara karshanna
- 1CD1  $\hat{\circ}$  VEDIC TONE SHARA  
= vaidika svarita uurdhva shara
- 1CD2  $\overset{\sim}{\circ}$  VEDIC TONE PRENKHA  
• indicates vibrato  
= vaidika saamasvara prenkha

**Breathing mark for the Samaveda**

- 1CD3  $\sim$  VEDIC SIGN NIHSHVASA  
= vaidika saamagaana yogakaala  
• separates sections between which a pause is disallowed

**Signs for Yajurvedic**

- 1CD4  $\ominus$  VEDIC SIGN YAJURVEDIC MIDLINE SVARITA  
• used predominantly in the Maitrayani Samhita and in some manuscripts of the Vajasaneyi Madhyandina Samhita
- 1CD5  $\ominus$  VEDIC TONE YAJURVEDIC AGGRAVATED INDEPENDENT SVARITA  
= vaidika svarita adho nyubja
- 1CD6  $\ominus$  VEDIC TONE YAJURVEDIC INDEPENDENT SVARITA  
= vaidika svarita adhah konna
- 1CD7  $\ominus$  VEDIC TONE YAJURVEDIC KATHAKA INDEPENDENT SVARITA  
= vaidika svarita adho vakra rekhaa
- 1CD8  $\ominus$  VEDIC TONE CANDRA BELOW  
= vaidika svarita adho'rdha vakra
- 1CD9  $\overset{\wedge}{\circ}$  VEDIC TONE YAJURVEDIC KATHAKA INDEPENDENT SVARITA SCHROEDER  
= vaidika svarita adhah samyukta rekhaa
- 1CDA  $\overset{=}{\circ}$  VEDIC TONE DOUBLE SVARITA  
= vaidika svarita uurdhva dvi rekhaa  
→ 0951  $\overset{\circ}{\circ}$  devanagari stress sign udatta
- 1CDB  $\overset{=}{\circ}$  VEDIC TONE TRIPLE SVARITA  
= vaidika svarita uurdhva tri rekhaa
- 1CDC  $\overset{\cdot}{\circ}$  VEDIC TONE KATHAKA ANUDATTA  
= vaidika svarita adho rekhaa  
→ 0952  $\overset{\cdot}{\circ}$  devanagari stress sign anudatta
- 1CDD  $\overset{\cdot}{\circ}$  VEDIC TONE DOT BELOW  
= vaidika svarita adho bindu

**Tone marks for the Satapathabrahmana**

- 1CDE  $\overset{\cdot\cdot}{\circ}$  VEDIC TONE TWO DOTS BELOW  
= vaidika svarita adho dvi bindu
- 1CDF  $\overset{\cdot\cdot\cdot}{\circ}$  VEDIC TONE THREE DOTS BELOW  
= vaidika svarita adhas tri bindu

**Tone mark for the Rigveda**

- 1CE0  $\overset{\cdot}{\circ}$  VEDIC TONE RIGVEDIC KASHMIRI INDEPENDENT SVARITA  
= vaidika uurdhva vakra rekhaa

**Tone mark for the Atharvaveda**

- 1CE1  $\overset{\cdot}{\circ}$  VEDIC TONE ATHARVAVEDIC INDEPENDENT SVARITA  
= vaidika svarita dvi vakra khaanda

**Diacritics for visarga**

- 1CE2  $\ominus$  VEDIC SIGN VISARGA SVARITA  
= vaidika madhyarekhaa
- 1CE3  $\ominus$  VEDIC SIGN VISARGA UDATTA  
= vaidika visarga dakshinnatah uurdhvaga
- 1CE4  $\ominus$  VEDIC SIGN REVERSED VISARGA UDATTA  
= vaidika visarga vaamatah uurdhvaga

- 1CE5  $\ominus$  VEDIC SIGN VISARGA ANUDATTA  
= vaidika visarga vaamatah adhoga
- 1CE6  $\ominus$  VEDIC SIGN REVERSED VISARGA ANUDATTA  
= vaidika visarga dakshinnatah adhoga
- 1CE7  $\ominus$  VEDIC SIGN VISARGA UDATTA WITH TAIL  
= vaidika visarga dakshinnatah uurdhva vakra
- 1CE8  $\ominus$  VEDIC SIGN VISARGA ANUDATTA WITH TAIL  
= vaidika visarga vaamatah adho vakra

**Marks of nasalization**

- 1CE9  $\ominus$  VEDIC SIGN ANUSVARA ANTARGOMUKHA  
= vaidika anusvaara antarmukha
- 1CEA  $\ominus$  VEDIC SIGN ANUSVARA BAHIRGOMUKHA  
= vaidika anusvaara naagaphanna
- 1CEB  $\ominus$  VEDIC SIGN ANUSVARA VAMAGOMUKHA  
= vaidika anusvaara vaamagomukha
- 1CEC  $\ominus$  VEDIC SIGN ANUSVARA VAMAGOMUKHA WITH TAIL  
= vaidika anusvaara vaamagomukha sa-vakra
- 1CED  $\ominus$  VEDIC SIGN TIRYAK  
= vaidika tiryak
- 1CEE  $\ominus$  VEDIC SIGN HEXIFORM LONG ANUSVARA  
= vaidika anusvaara anugaamii
- 1CEF  $\ominus$  VEDIC SIGN LONG ANUSVARA  
= vaidika anusvaara dakshinnamukha
- 1CF0  $\ominus$  VEDIC SIGN RTHANG LONG ANUSVARA  
= vaidika anusvaara ttha-sadrisha
- 1CF1  $\ominus$  VEDIC SIGN ANUSVARA UBHAYATO MUKHA  
= vaidika anusvaara ubhayato mukha

**Ardhavisarga**

*Ardhavisarga denotes the sounds jihvamuliya and upadhmaniya (velar and bilabial voiceless fricatives) in Sanskrit. Its use is not limited to Vedic.*

- 1CF2  $\ominus$  VEDIC SIGN ARDHAVISARGA  
= vaidika jihvaamuuliya upadhmaaniya
- 1CF3  $\ominus$  VEDIC SIGN ROTATED ARDHAVISARGA

**Sign for Yajurvedic**

- 1CF4  $\overset{\cdot}{\circ}$  VEDIC TONE CANDRA ABOVE

**Signs**

- 1CF5  $\times$  VEDIC SIGN JIHVAMULIYA  
• marks a velar fricative occurring only before unvoiced velar stops  
→ 0CF1  $\overset{\cdot}{\circ}$  kannada sign jihvamuliya  
→ 0F88  $\overset{\cdot}{\circ}$  tibetan sign lce tsa can
- 1CF6  $\times$  VEDIC SIGN UPADHMANIYA  
• marks a bilabial fricative occurring only before unvoiced labial stops  
→ 0CF2  $\overset{\cdot}{\circ}$  kannada sign upadhmaniya  
→ 0F89  $\overset{\cdot}{\circ}$  tibetan sign mchu can
- 1CF7  $\overset{\cdot}{\circ}$  VEDIC SIGN ATIKRAMA  
= vaidika saamagaana atikrama  
• indicates skipping of a svara

**Signs for Jaiminiya Sama Veda**

- 1CF8  $\overset{\circ}{\circ}$  VEDIC TONE RING ABOVE
- 1CF9  $\overset{\circ}{\circ}$  VEDIC TONE DOUBLE RING ABOVE

**Nasalization sign**

- 1CFA  $\overset{\cdot}{\circ}$  VEDIC SIGN DOUBLE ANUSVARA ANTARGOMUKHA  
• used as a base for a combining nasal sign

	A72	A73	A74	A75	A76	A77	A78	A79	A7A	A7B	A7C	A7D	A7E	A7F
0	Ƒ A720	F A730	Ƒ A740	Ƒ A750	Ƒ A760	Ƒ A770	Ƒ A780	Ƒ A790	Ƒ A7A0	Ƒ A7B0				
1	Ƒ A721	Ƒ A731	Ƒ A741	Ƒ A751	Ƒ A761	Ƒ A771	Ƒ A781	Ƒ A791	Ƒ A7A1	Ƒ A7B1				
2	Ƒ A722	Ƒ A732	Ƒ A742	Ƒ A752	Ƒ A762	Ƒ A772	Ƒ A782	Ƒ A792	Ƒ A7A2	Ƒ A7B2				
3	Ƒ A723	Ƒ A733	Ƒ A743	Ƒ A753	Ƒ A763	Ƒ A773	Ƒ A783	Ƒ A793	Ƒ A7A3	Ƒ A7B3				
4	Ƒ A724	Ƒ A734	Ƒ A744	Ƒ A754	Ƒ A764	Ƒ A774	Ƒ A784	Ƒ A794	Ƒ A7A4	Ƒ A7B4				
5	Ƒ A725	Ƒ A735	Ƒ A745	Ƒ A755	Ƒ A765	Ƒ A775	Ƒ A785	Ƒ A795	Ƒ A7A5	Ƒ A7B5				
6	Ƒ A726	Ƒ A736	Ƒ A746	Ƒ A756	Ƒ A766	Ƒ A776	Ƒ A786	Ƒ A796	Ƒ A7A6	Ƒ A7B6				
7	Ƒ A727	Ƒ A737	Ƒ A747	Ƒ A757	Ƒ A767	Ƒ A777	Ƒ A787	Ƒ A797	Ƒ A7A7	Ƒ A7B7				Ƒ A7F7
8	Ƒ A728	Ƒ A738	Ƒ A748	Ƒ A758	Ƒ A768	Ƒ A778	Ƒ A788	Ƒ A798	Ƒ A7A8	Ƒ A7B8				Ƒ A7F8
9	Ƒ A729	Ƒ A739	Ƒ A749	Ƒ A759	Ƒ A769	Ƒ A779	Ƒ A789	Ƒ A799	Ƒ A7A9	Ƒ A7B9				Ƒ A7F9
A	Ƒ A72A	Ƒ A73A	Ƒ A74A	Ƒ A75A	Ƒ A76A	Ƒ A77A	Ƒ A78A	Ƒ A79A	Ƒ A7AA	Ƒ A7BA				Ƒ A7FA
B	Ƒ A72B	Ƒ A73B	Ƒ A74B	Ƒ A75B	Ƒ A76B	Ƒ A77B	Ƒ A78B	Ƒ A79B	Ƒ A7AB	Ƒ A7BB				Ƒ A7FB
C	Ƒ A72C	Ƒ A73C	Ƒ A74C	Ƒ A75C	Ƒ A76C	Ƒ A77C	Ƒ A78C	Ƒ A79C	Ƒ A7AC	Ƒ A7BC				Ƒ A7FC
D	Ƒ A72D	Ƒ A73D	Ƒ A74D	Ƒ A75D	Ƒ A76D	Ƒ A77D	Ƒ A78D	Ƒ A79D	Ƒ A7AD	Ƒ A7BD				Ƒ A7FD
E	Ƒ A72E	Ƒ A73E	Ƒ A74E	Ƒ A75E	Ƒ A76E	Ƒ A77E	Ƒ A78E	Ƒ A79E	Ƒ A7AE	Ƒ A7BE				Ƒ A7FE
F	Ƒ A72F	Ƒ A73F	Ƒ A74F	Ƒ A75F	Ƒ A76F	Ƒ A77F	Ƒ A78F	Ƒ A79F	Ƒ A7AF	Ƒ A7BF				Ƒ A7FF

**Additions for UPA**

- A720 ™ MODIFIER LETTER STRESS AND HIGH TONE  
 A721 ℒ MODIFIER LETTER STRESS AND LOW TONE

**Egyptological additions**

- A722 Ⲁ LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF  
 A723 ⲁ LATIN SMALL LETTER EGYPTOLOGICAL ALEF  
 A724 Ⲃ LATIN CAPITAL LETTER EGYPTOLOGICAL AIN  
 A725 ⲃ LATIN SMALL LETTER EGYPTOLOGICAL AIN  
 • this is a case pair  
 → 1D25 ⲃ latin letter ain  
 → 1D5C ⲃ modifier letter small ain

**Mayanist additions**

- A726 Ɀ LATIN CAPITAL LETTER HENG  
 A727 ⱸ LATIN SMALL LETTER HENG  
 A728 Ɀ LATIN CAPITAL LETTER TZ  
 A729 ⱸ LATIN SMALL LETTER TZ  
 A72A Ɀ LATIN CAPITAL LETTER TRESILLO  
 A72B ⱸ LATIN SMALL LETTER TRESILLO  
 → 218B Ɀ turned digit three  
 A72C Ɀ LATIN CAPITAL LETTER CUATRILLO  
 A72D ⱸ LATIN SMALL LETTER CUATRILLO  
 A72E Ɀ LATIN CAPITAL LETTER CUATRILLO WITH COMMA  
 A72F ⱸ LATIN SMALL LETTER CUATRILLO WITH COMMA

**Medievalist additions**

- A730 Ꝁ LATIN LETTER SMALL CAPITAL F  
 A731 ꝁ LATIN LETTER SMALL CAPITAL S  
 A732 Ꝃ LATIN CAPITAL LETTER AA  
 A733 ꝃ LATIN SMALL LETTER AA  
 A734 Ꝅ LATIN CAPITAL LETTER AO  
 A735 ꝅ LATIN SMALL LETTER AO  
 A736 Ꝇ LATIN CAPITAL LETTER AU  
 A737 ꝇ LATIN SMALL LETTER AU  
 A738 Ꝉ LATIN CAPITAL LETTER AV  
 A739 ꝉ LATIN SMALL LETTER AV  
 A73A Ꝋ LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR  
 A73B ꝋ LATIN SMALL LETTER AV WITH HORIZONTAL BAR  
 A73C Ꝍ LATIN CAPITAL LETTER AY  
 A73D ꝍ LATIN SMALL LETTER AY  
 A73E Ꝏ LATIN CAPITAL LETTER REVERSED C WITH DOT  
 A73F ꝏ LATIN SMALL LETTER REVERSED C WITH DOT  
 A740 Ꝑ LATIN CAPITAL LETTER K WITH STROKE  
 A741 ꝑ LATIN SMALL LETTER K WITH STROKE  
 A742 Ꝓ LATIN CAPITAL LETTER K WITH DIAGONAL STROKE  
 A743 ꝓ LATIN SMALL LETTER K WITH DIAGONAL STROKE  
 A744 Ꝕ LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A745 ꝕ LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A746 Ꝗ LATIN CAPITAL LETTER BROKEN L  
 A747 ꝗ LATIN SMALL LETTER BROKEN L  
 A748 Ꝙ LATIN CAPITAL LETTER L WITH HIGH STROKE  
 A749 ꝙ LATIN SMALL LETTER L WITH HIGH STROKE  
 A74A Ꝛ LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY

- A74B ꝛ LATIN SMALL LETTER O WITH LONG STROKE OVERLAY  
 A74C Ꝝ LATIN CAPITAL LETTER O WITH LOOP  
 A74D ꝝ LATIN SMALL LETTER O WITH LOOP  
 A74E Ꝟ LATIN CAPITAL LETTER OO  
 A74F ꝟ LATIN SMALL LETTER OO  
 A750 Ꝡ LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER  
 A751 ꝡ LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER  
 A752 Ꝣ LATIN CAPITAL LETTER P WITH FLOURISH  
 A753 ꝣ LATIN SMALL LETTER P WITH FLOURISH  
 A754 Ꝥ LATIN CAPITAL LETTER P WITH SQUIRREL TAIL  
 A755 ꝥ LATIN SMALL LETTER P WITH SQUIRREL TAIL  
 A756 Ꝧ LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER  
 A757 ꝧ LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER  
 A758 Ꝩ LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE  
 A759 ꝩ LATIN SMALL LETTER Q WITH DIAGONAL STROKE  
 A75A Ꝫ LATIN CAPITAL LETTER R ROTUNDA  
 A75B ꝫ LATIN SMALL LETTER R ROTUNDA  
 A75C Ꝭ LATIN CAPITAL LETTER RUM ROTUNDA  
 A75D ꝭ LATIN SMALL LETTER RUM ROTUNDA  
 A75E Ꝯ LATIN CAPITAL LETTER V WITH DIAGONAL STROKE  
 A75F ꝯ LATIN SMALL LETTER V WITH DIAGONAL STROKE  
 A760 ꝰ LATIN CAPITAL LETTER VY  
 A761 ꝱ LATIN SMALL LETTER VY  
 A762 ꝲ LATIN CAPITAL LETTER VISIGOTHIC Z  
 A763 ꝳ LATIN SMALL LETTER VISIGOTHIC Z  
 A764 ꝴ LATIN CAPITAL LETTER THORN WITH STROKE  
 A765 ꝵ LATIN SMALL LETTER THORN WITH STROKE  
 A766 ꝶ LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A767 ꝷ LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A768 ꝸ LATIN CAPITAL LETTER VEND  
 A769 Ꝺ LATIN SMALL LETTER VEND  
 A76A ꝺ LATIN CAPITAL LETTER ET  
 A76B Ꝼ LATIN SMALL LETTER ET  
 A76C ꝼ LATIN CAPITAL LETTER IS  
 A76D Ᵹ LATIN SMALL LETTER IS  
 A76E Ꝿ LATIN CAPITAL LETTER CON  
 A76F ꝿ LATIN SMALL LETTER CON  
 A770 Ꝡ MODIFIER LETTER US  
 ≈ <super> A76F Ꝡ  
 A771 ꝡ LATIN SMALL LETTER DUM  
 A772 Ꝣ LATIN SMALL LETTER LUM  
 A773 ꝣ LATIN SMALL LETTER MUM  
 A774 Ꝥ LATIN SMALL LETTER NUM  
 A775 ꝥ LATIN SMALL LETTER RUM  
 A776 Ꝧ LATIN LETTER SMALL CAPITAL RUM  
 A777 ꝧ LATIN SMALL LETTER TUM  
 A778 Ꝩ LATIN SMALL LETTER UM

**Insular and Celticist letters**

- A779 ꝩ LATIN CAPITAL LETTER INSULAR D  
 A77A Ꝫ LATIN SMALL LETTER INSULAR D  
 A77B ꝫ LATIN CAPITAL LETTER INSULAR F  
 A77C Ꝭ LATIN SMALL LETTER INSULAR F

A77D	Ǿ	LATIN CAPITAL LETTER INSULAR G
		• lowercase is 1D79 ǧ
A77E	Ϡ	LATIN CAPITAL LETTER TURNED INSULAR G
A77F	ϡ	LATIN SMALL LETTER TURNED INSULAR G
A780	Ɽ	LATIN CAPITAL LETTER TURNED L
A781	ⱥ	LATIN SMALL LETTER TURNED L
A782	ⱦ	LATIN CAPITAL LETTER INSULAR R
A783	Ⱨ	LATIN SMALL LETTER INSULAR R
A784	ⱨ	LATIN CAPITAL LETTER INSULAR S
A785	Ⱪ	LATIN SMALL LETTER INSULAR S
A786	ⱪ	LATIN CAPITAL LETTER INSULAR T
A787	ⱬ	LATIN SMALL LETTER INSULAR T

**Modifier letters**

A788	˘	MODIFIER LETTER LOW CIRCUMFLEX ACCENT
		→ 02C6 ˆ modifier letter circumflex accent
		→ 2038 ˆ caret
A789	:	MODIFIER LETTER COLON
		• used as a tone letter in some orthographies
		• Budu (Congo), Sabaot (Kenya), and several Papua New Guinea languages
		→ 003A : colon
A78A	=	MODIFIER LETTER SHORT EQUALS SIGN
		• used as a tone letter in some orthographies
		• Budu (Congo)
		→ 003D = equals sign

**Orthographic letters for glottals**

A78B	ʼ	LATIN CAPITAL LETTER SALTILLO
		• Me'phaa (Mexico)
A78C	ʽ	LATIN SMALL LETTER SALTILLO
		• saltillos are used as a casing pair for glottal stop in some orthographies
		• the lowercase is widely used in many languages in Mexico and other regions, including Izere in Nigeria
		→ 0027 ʼ apostrophe
		→ 0242 ʽ latin small letter glottal stop
		→ 0294 ʽ latin letter glottal stop
		→ 02BC ʽ modifier letter apostrophe
		→ 02C0 ʽ modifier letter glottal stop

**Additional letter**

A78D	Ꞥ	LATIN CAPITAL LETTER TURNED H
		• used in the Dan/Gio orthography in Liberia
		• lowercase is 0265 ꞥ

**Phonetic symbol**

A78E	ɬ	LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT
		• voiceless lateral retroflex fricative
		• used to transcribe Toda

**Transliteration letter**

A78F	•	LATIN LETTER SINOLOGICAL DOT
		• used in transliteration of Phags-Pa and in phonetic transcription of Tangut
		→ 00B7 • middle dot

**Additional letters**

A790	Ꞥ	LATIN CAPITAL LETTER N WITH DESCENDER
A791	ꞥ	LATIN SMALL LETTER N WITH DESCENDER
		• Janalif
A792	Ꞧ	LATIN CAPITAL LETTER C WITH BAR
		= Cambrian symbol

A793	ꞧ	LATIN SMALL LETTER C WITH BAR
		• Nanai

**Additions for Lithuanian dialectology**

A794	Ꞩ	LATIN SMALL LETTER C WITH PALATAL HOOK
A795	ꞩ	LATIN SMALL LETTER H WITH PALATAL HOOK
		→ A727 Ɦ latin small letter heng

**Letters for Middle Vietnamese**

A796	Ɦ	LATIN CAPITAL LETTER B WITH FLOURISH
A797	Ɜ	LATIN SMALL LETTER B WITH FLOURISH

**Archaic letters for Ewe**

A798	Ɡ	LATIN CAPITAL LETTER F WITH STROKE
		→ 0191 Ɬ latin capital letter f with hook
A799	Ɪ	LATIN SMALL LETTER F WITH STROKE
		• old Ewe orthography
		• also used in German dialectology

**Archaic letters for Volapük**

A79A	ꞯ	LATIN CAPITAL LETTER VOLAPUK AE
A79B	Ʞ	LATIN SMALL LETTER VOLAPUK AE
A79C	Ʇ	LATIN CAPITAL LETTER VOLAPUK OE
A79D	Ʝ	LATIN SMALL LETTER VOLAPUK OE
A79E	Ꭓ	LATIN CAPITAL LETTER VOLAPUK UE
A79F	Ꞵ	LATIN SMALL LETTER VOLAPUK UE

**Latvian letters for pre-1921 orthography**

A7A0	ꞵ	LATIN CAPITAL LETTER G WITH OBLIQUE STROKE
A7A1	Ꞷ	LATIN SMALL LETTER G WITH OBLIQUE STROKE
A7A2	ꞷ	LATIN CAPITAL LETTER K WITH OBLIQUE STROKE
A7A3	Ꞹ	LATIN SMALL LETTER K WITH OBLIQUE STROKE
A7A4	ꞹ	LATIN CAPITAL LETTER N WITH OBLIQUE STROKE
A7A5	Ꞻ	LATIN SMALL LETTER N WITH OBLIQUE STROKE
A7A6	ꞻ	LATIN CAPITAL LETTER R WITH OBLIQUE STROKE
A7A7	Ꞽ	LATIN SMALL LETTER R WITH OBLIQUE STROKE
A7A8	ꞽ	LATIN CAPITAL LETTER S WITH OBLIQUE STROKE
A7A9	Ꞿ	LATIN SMALL LETTER S WITH OBLIQUE STROKE
		• also used in pre-1950 Lower Sorbian orthography
		→ 1E9C ꞿ latin small letter long s with diagonal stroke

**Additional letters**

A7AA	ꞿ	LATIN CAPITAL LETTER H WITH HOOK
		• lowercase is 0266 Ꞿ
		• used in Chad
A7AB	ꞿ	LATIN CAPITAL LETTER REVERSED OPEN E
		• lowercase is 025C ɷ
A7AC	ꞿ	LATIN CAPITAL LETTER SCRIPT G
		• lowercase is 0261 g
A7AD	ꞿ	LATIN CAPITAL LETTER L WITH BELT
		• lowercase is 026C ꞿ

**Letter for West African languages**

A7AE	ꞿ	LATIN CAPITAL LETTER SMALL CAPITAL I
		• lowercase is 026A i
		• also used in Unifon

**Letter for representation of phoneme in Japanese**

A7AF	q	LATIN LETTER SMALL CAPITAL Q
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**Letters for Americanist orthographies**

- A7B0 Ꝁ LATIN CAPITAL LETTER TURNED K  
 • lowercase is 029E ꝁ
- A7B1 Ꝃ LATIN CAPITAL LETTER TURNED T  
 • lowercase is 0287 ꝃ  
 • also used in Unifon

**Letter for African languages**

- A7B2 Ꝅ LATIN CAPITAL LETTER J WITH CROSSED-TAIL  
 • lowercase is 029D ꝅ

**Letter for German dialectology**

- A7B3 Ꝇ LATIN CAPITAL LETTER CHI  
 • lowercase is AB53 ꝇ  
 → 03A7 Ꝉ greek capital letter chi

**Letters for African languages**

- A7B4 ꝉ LATIN CAPITAL LETTER BETA  
 A7B5 Ꝋ LATIN SMALL LETTER BETA  
 → 03B2 ꝋ greek small letter beta
- A7B6 Ꝍ LATIN CAPITAL LETTER OMEGA  
 A7B7 ꝍ LATIN SMALL LETTER OMEGA  
 → 03C9 Ꝏ greek small letter omega

**Letters for Mazahua (Mexico)**

- A7B8 ꝏ LATIN CAPITAL LETTER U WITH STROKE  
 A7B9 Ꝑ LATIN SMALL LETTER U WITH STROKE

**Letters for Egyptological and Ugariticist use**

- A7BA ꝑ LATIN CAPITAL LETTER A WITH SPIRITUS LENIS  
 A7BB Ꝓ LATIN SMALL LETTER A WITH SPIRITUS LENIS  
 • used in transliteration of Ugaritic
- A7BC ꝓ LATIN CAPITAL LETTER I WITH SPIRITUS LENIS  
 A7BD Ꝕ LATIN SMALL LETTER I WITH SPIRITUS LENIS  
 • used for Egyptological yod
- A7BE ꝕ LATIN CAPITAL LETTER U WITH SPIRITUS LENIS  
 A7BF Ꝗ LATIN SMALL LETTER U WITH SPIRITUS LENIS  
 • used in transliteration of Ugaritic

**Additional letter**

- A7F7 ꝗ LATIN EPIGRAPHIC LETTER SIDEWAYS I  
 • Celtic inscriptions

**Additions for Extended IPA**

- A7F8 Ꝙ MODIFIER LETTER CAPITAL H WITH STROKE  
 • faucalized  
 ≈ <sup> 0126 ꝙ
- A7F9 Ꝛ MODIFIER LETTER SMALL LIGATURE OE  
 • labialized: open-rounded  
 ≈ <sup> 0153 ꝛ

**Addition for UPA**

- A7FA Ꝝ LATIN LETTER SMALL CAPITAL TURNED M

**Ancient Roman epigraphic letters**

- A7FB ꝝ LATIN EPIGRAPHIC LETTER REVERSED F  
 A7FC Ꝟ LATIN EPIGRAPHIC LETTER REVERSED P  
 A7FD ꝟ LATIN EPIGRAPHIC LETTER INVERTED M  
 A7FE Ꝡ LATIN EPIGRAPHIC LETTER I LONGA  
 A7FF ꝡ LATIN EPIGRAPHIC LETTER ARCHAIC M



	11B9	11BA	11BB	11BC	11BD	11BE
0	ॐ 11B90	ग 11BA0	ॐ 11BB0	ॐ 11BC0	ॐ 11BD0	
1	ॐ 11B91	ॐ 11BA1	ॐ 11BB1	ॐ 11BC1	ॐ 11BD1	
2	ॐ 11B92	ॐ 11BA2	ॐ 11BB2	ॐ 11BC2	ॐ 11BD2	
3	ॐ 11B93	ॐ 11BA3	ॐ 11BB3	ॐ 11BC3	ॐ 11BD3	
4	ॐ 11B94	ॐ 11BA4	ॐ 11BB4	ॐ 11BC4		
5	ॐ 11B95	ॐ 11BA5	ॐ 11BB5	ॐ 11BC5		
6	ॐ 11B96	ॐ 11BA6	ॐ 11BB6	ॐ 11BC6		
7	ॐ 11B97	ॐ 11BA7	ॐ 11BB7	ॐ 11BC7		
8		ॐ 11BA8	ॐ 11BB8			
9		ॐ 11BA9	ॐ 11BB9			
A	ॐ 11B9A	ॐ 11BAA	ॐ 11BBA	ॐ 11BCA		
B	ॐ 11B9B	ॐ 11BAB	ॐ 11BBB	ॐ 11BCB		
C	ॐ 11B9C	ॐ 11BAC	ॐ 11BBC	ॐ 11BCC		
D	ॐ 11B9D	ॐ 11BAD	ॐ 11BBD	ॐ 11BCD		
E	ॐ 11B9E	ॐ 11BAE	ॐ 11BBE	ॐ 11BCE		
F	ॐ 11B9F	ॐ 11BAF	ॐ 11BBF	ॐ 11BCF		

**Independent vowels**

11B90	अ	NANDINAGARI LETTER A
11B91	आ	NANDINAGARI LETTER AA
11B92	इ	NANDINAGARI LETTER I
11B93	ई	NANDINAGARI LETTER II
11B94	उ	NANDINAGARI LETTER U
11B95	ऊ	NANDINAGARI LETTER UU
11B96	ऋ	NANDINAGARI LETTER VOCALIC R
11B97	ॠ	NANDINAGARI LETTER VOCALIC RR
11B98	◻	<reserved>
11B99	◻	<reserved>
11B9A	ए	NANDINAGARI LETTER E
11B9B	ऐ	NANDINAGARI LETTER AI
11B9C	ऌ	NANDINAGARI LETTER O
11B9D	ॡ	NANDINAGARI LETTER AU

**Consonants**

11B9E	क	NANDINAGARI LETTER KA
11B9F	ख	NANDINAGARI LETTER KHA
11BA0	ग	NANDINAGARI LETTER GA
11BA1	घ	NANDINAGARI LETTER GHA
11BA2	ङ	NANDINAGARI LETTER NGA
11BA3	च	NANDINAGARI LETTER CA
11BA4	छ	NANDINAGARI LETTER CHA
11BA5	ज	NANDINAGARI LETTER JA
11BA6	झ	NANDINAGARI LETTER JHA
11BA7	ञ	NANDINAGARI LETTER NYA
11BA8	ट	NANDINAGARI LETTER TTA
11BA9	ठ	NANDINAGARI LETTER TTHA
11BAA	ड	NANDINAGARI LETTER DDA
11BAB	ड्ह	NANDINAGARI LETTER DDHA
11BAC	ण	NANDINAGARI LETTER NNA
11BAD	त	NANDINAGARI LETTER TA
11BAE	थ	NANDINAGARI LETTER THA
11BAF	द	NANDINAGARI LETTER DA
11BB0	ध	NANDINAGARI LETTER DHA
11BB1	न	NANDINAGARI LETTER NA
11BB2	प	NANDINAGARI LETTER PA
11BB3	फ	NANDINAGARI LETTER PHA
11BB4	ब	NANDINAGARI LETTER BA
11BB5	भ	NANDINAGARI LETTER BHA
11BB6	म	NANDINAGARI LETTER MA
11BB7	य	NANDINAGARI LETTER YA
11BB8	र	NANDINAGARI LETTER RA
11BB9	ल	NANDINAGARI LETTER LA
11BBA	व	NANDINAGARI LETTER VA
11BBB	श	NANDINAGARI LETTER SHA
11BBC	ष	NANDINAGARI LETTER SSA
11BBD	स	NANDINAGARI LETTER SA
11BBE	ह	NANDINAGARI LETTER HA
11BBF	ळ	NANDINAGARI LETTER LLA
11BC0	ॠ	NANDINAGARI LETTER RRA

**Dependent vowel signs**

11BC1	◌ा	NANDINAGARI VOWEL SIGN AA
11BC2	◌ि	NANDINAGARI VOWEL SIGN I
11BC3	◌ी	NANDINAGARI VOWEL SIGN II
11BC4	◌ु	NANDINAGARI VOWEL SIGN U
11BC5	◌ू	NANDINAGARI VOWEL SIGN UU
11BC6	◌ृ	NANDINAGARI VOWEL SIGN VOCALIC R
11BC7	◌ॠ	NANDINAGARI VOWEL SIGN VOCALIC RR
11BC8	◻	<reserved>

11BC9 ◻ &lt;reserved&gt;

11BCA	◌े	NANDINAGARI VOWEL SIGN E
11BCB	◌ै	NANDINAGARI VOWEL SIGN AI
11BCC	◌ो	NANDINAGARI VOWEL SIGN O
11BCD	◌ॡ	NANDINAGARI VOWEL SIGN AU

**Various signs**

11BCE	◌◌	NANDINAGARI SIGN ANUSVARA
11BCF	◌ः	NANDINAGARI SIGN VISARGA
11BD0	◌्	NANDINAGARI SIGN VIRAMA

**Additional sign**

11BD1	◌ः	NANDINAGARI SIGN AVAGRAHA
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**Auspicious sign**

11BD2	◌ॐ	NANDINAGARI SIGN SIDDHAM
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**Punctuation**

11BD3	—	NANDINAGARI HEADSTROKE
		• used as a spacing or filler mark

	11FC	11FD	11FE	11FF
0	ஊ 11FC0	உ 11FD0	ஓ 11FE0	஠ 11FF0
1	ஊ 11FC1	உ 11FD1	ஓ 11FE1	஡ 11FF1
2	ஊ 11FC2	உ 11FD2	ஓ 11FE2	
3	ஊ 11FC3	உ 11FD3	ஓ 11FE3	
4	ஊ 11FC4	உ 11FD4	ஓ 11FE4	
5	ஊ 11FC5	உ 11FD5	ஓ 11FE5	
6	ஊ 11FC6	உ 11FD6	ஓ 11FE6	
7	ஊ 11FC7	உ 11FD7	ஓ 11FE7	
8	ஊ 11FC8	உ 11FD8	ஓ 11FE8	
9	ஊ 11FC9	உ 11FD9	ஓ 11FE9	
A	ஊ 11FCA	உ 11FDA	ஓ 11FEA	
B	ஊ 11FCB	உ 11FDB	ஓ 11FEB	
C	ஊ 11FCC	உ 11FDC	ஓ 11FEC	
D	ஊ 11FCD	உ 11FDD	ஓ 11FED	
E	ஊ 11FCE	உ 11FDE	ஓ 11FEE	
F	ஊ 11FCF	உ 11FDF	ஓ 11FEF	஡ 11FFF

**Fractions**

11FC0	ஒகூ	TAMIL FRACTION ONE THREE-HUNDRED-AND-TWENTIETH = munthiri
11FC1	ஓ	TAMIL FRACTION ONE ONE-HUNDRED-AND-SIXTIETH = araikkaani
11FC2	ஔ	TAMIL FRACTION ONE EIGHTIETH = kaani
11FC3	ஔ	TAMIL FRACTION ONE SIXTY-FOURTH = kaal viisam
11FC4	ஔ	TAMIL FRACTION ONE FORTIETH = arai maa
11FC5	ஔ	TAMIL FRACTION ONE THIRTY-SECOND = arai viisam
11FC6	ஔ	TAMIL FRACTION THREE EIGHTIETHS = mukkaani
11FC7	ஔ	TAMIL FRACTION THREE SIXTY-FOURTHS = mukkaal viisam
11FC8	ஔ	TAMIL FRACTION ONE TWENTIETH = maa
11FC9	ஔ	TAMIL FRACTION ONE SIXTEENTH-1 = viisam/maakaani
11FCA	ஔ	TAMIL FRACTION ONE SIXTEENTH-2 = viisam/maakaani • alternate representation
11FCB	ஔ	TAMIL FRACTION ONE TENTH = irumaa
11FCC	ஔ	TAMIL FRACTION ONE EIGHTH = araikkaal
11FCD	ஔ	TAMIL FRACTION THREE TWENTIETHS = mummaa
11FCE	ஔ	TAMIL FRACTION THREE SIXTEENTHS = muuviisam/mummaamukkaani
11FCF	ஔ	TAMIL FRACTION ONE FIFTH = naangu maa
11FD0	ஔ	TAMIL FRACTION ONE QUARTER = kaal
11FD1	ஔ	TAMIL FRACTION ONE HALF-1 = arai
11FD2	ஔ	TAMIL FRACTION ONE HALF-2 = arai • alternate representation
11FD3	ஔ	TAMIL FRACTION THREE QUARTERS = mukkaal
11FD4	ஔ	TAMIL FRACTION DOWNSCALING FACTOR KIIZH • when prefixed to a fraction, reduces its value by a factor of 1/320

**Measures of grain**

11FD5	ஔ	TAMIL SIGN NEL • one grain of paddy
11FD6	ஔ	TAMIL SIGN CEVITU • equals 360 nel
11FD7	ஔ	TAMIL SIGN AAZHAAKKU • equals 5 cevitu
11FD8	ஔ	TAMIL SIGN UZHAAKKU • equals 2 aazhaakku • for the measure uri which equals 2 uzhaakku, use the sequence 0B89 உ 0BB0 ர 0BBF டி

11FD9	ஔ	TAMIL SIGN MUUVUZHAKKU • equals 3 uzhaakku • for the measure naazhi/padi which equals 2 uri, use 0BF3 உ → 0BF3 உ tamil day sign
11FDA	ஔ	TAMIL SIGN KURUNI = marakkaal • equals 8 naazhi/padi → 0B99 ஔ tamil letter nga
11FDB	ஔ	TAMIL SIGN PATHAKKU • equals 2 kuruni/marakkaal
11FDC	ஔ	TAMIL SIGN MUKKURUNI • equals 3 kuruni/marakkaal • for the measure thuuni which equals 2 pathakku, use 0BA4 த → 0BA4 த tamil letter ta • for the measure kalam which equals 3 thuuni, use 0BB3 ஔ → 0BB3 ஔ tamil letter lla

**Old currency symbols**

11FDD	ஔ	TAMIL SIGN KAACU • small currency unit
11FDE	ஔ	TAMIL SIGN PANAM
11FDF	ஔ	TAMIL SIGN PON • gold coin
11FE0	ஔ	TAMIL SIGN VARAAKAN • gold coin bearing boar insignia

**Symbols of weight, length and area**

11FE1	ஔ	TAMIL SIGN PAARAM • approximately equals 500 pounds (227 kg)
11FE2	ஔ	TAMIL SIGN KUZHI • equals 1 square kol where 1 kol is approximately 11 feet
11FE3	ஔ	TAMIL SIGN VELI • equals 2000 kuzhi

**Agricultural symbols**

11FE4	ஔ	TAMIL WET CULTIVATION SIGN = nansey
11FE5	ஔ	TAMIL DRY CULTIVATION SIGN = punsey
11FE6	ஔ	TAMIL LAND SIGN = nilam • not to be confused with the rupee sign → 0BF9 ஔ-tamil rupee sign
11FE7	ஔ	TAMIL SALT PAN SIGN = uppalam

**Clerical symbols**

11FE8	ஔ	TAMIL TRADITIONAL CREDIT SIGN = varavu → 0BF7 ஔ tamil credit sign
11FE9	ஔ	TAMIL TRADITIONAL NUMBER SIGN = enn → 0BFA ஔ tamil number sign
11FEA	ஔ	TAMIL CURRENT SIGN = naalathu
11FEB	ஔ	TAMIL AND ODD SIGN = silvaanam/sillarai
11FEC	ஔ	TAMIL SPENT SIGN = poga
11FED	ஔ	TAMIL TOTAL SIGN = aaga



1343	
0	13430
1	13431
2	13432
3	13433
4	13434
5	13435
6	
7	13437
8	13438
9	
A	
B	
C	
D	
E	
F	

**Joiners**

*Used to render Egyptian hieroglyphic quadrats*

- 13430 EGYPTIAN HIEROGLYPH VERTICAL JOINER  
= sign separator: subordination (Manuel de Codage)
- 13431 EGYPTIAN HIEROGLYPH HORIZONTAL JOINER  
= sign separator: juxtaposition (Manuel de Codage)

**Insertion controls**

- 13432 EGYPTIAN HIEROGLYPH INSERT TOP START
- 13433 EGYPTIAN HIEROGLYPH INSERT BOTTOM START
- 13434 EGYPTIAN HIEROGLYPH INSERT TOP END
- 13435 EGYPTIAN HIEROGLYPH INSERT BOTTOM END

























































**Segment delimiters**

- 13437 EGYPTIAN HIEROGLYPH SEGMENT START
- 13438 EGYPTIAN HIEROGLYPH SEGMENT END

	1B13	1B14	1B15	1B16
0			み 1B150	
1			ゑ 1B151	
2	こ 1B132		を 1B152	
3				
4				キ 1B164
5			コ 1B155	エ 1B165
6				ヲ 1B166
7				ン 1B167
8				
9				
A				
B				
C				
D				
E				
F				

**Historic small kanas**

*The annotation under the reserved code points will be removed before publication.*

1B130		<reserved>	• for hiragana letter small ki
1B131		<reserved>	• for hiragana letter small ku
1B132		こ HIRAGANA LETTER SMALL KO	
1B133		<reserved>	• for hiragana letter small sa
1B134		<reserved>	• for hiragana letter small si
1B135		<reserved>	• for hiragana letter small su
1B136		<reserved>	• for hiragana letter small se
1B137		<reserved>	• for hiragana letter small so
1B138		<reserved>	• for hiragana letter small ta
1B139		<reserved>	• for hiragana letter small ti
1B13A		<reserved>	• for hiragana letter small te
1B13B		<reserved>	• for hiragana letter small to
1B13C		<reserved>	• for hiragana letter small na
1B13D		<reserved>	• for hiragana letter small ni
1B13E		<reserved>	• for hiragana letter small nu
1B13F		<reserved>	• for hiragana letter small ne
1B140		<reserved>	• for hiragana letter small no
1B141		<reserved>	• for hiragana letter small ha
1B142		<reserved>	• for hiragana letter small hi
1B143		<reserved>	• for hiragana letter small hu
1B144		<reserved>	• for hiragana letter small he
1B145		<reserved>	• for hiragana letter small ho
1B146		<reserved>	• for hiragana letter small ma
1B147		<reserved>	• for hiragana letter small mi
1B148		<reserved>	• for hiragana letter small mu
1B149		<reserved>	• for hiragana letter small me
1B14A		<reserved>	• for hiragana letter small mo
1B14B		<reserved>	• for hiragana letter small ra
1B14C		<reserved>	• for hiragana letter small ri
1B14D		<reserved>	• for hiragana letter small ru
1B14E		<reserved>	• for hiragana letter small re
1B14F		<reserved>	• for hiragana letter small ro
1B150		ゐ HIRAGANA LETTER SMALL WI	
1B151		ゑ HIRAGANA LETTER SMALL WE	
1B152		を HIRAGANA LETTER SMALL WO	
1B153		<reserved>	• for hiragana letter small n
1B154		<reserved>	• for katakana letter small ki
1B155		コ KATAKANA LETTER SMALL KO	
1B156		<reserved>	• for katakana letter small sa
1B157		<reserved>	• for katakana letter small se
1B158		<reserved>	• for katakana letter small so
1B159		<reserved>	• for katakana letter small ta
1B15A		<reserved>	• for katakana letter small ti
1B15B		<reserved>	• for katakana letter small te
1B15C		<reserved>	• for katakana letter small na
1B15D		<reserved>	• for katakana letter small ni
1B15E		<reserved>	• for katakana letter small ne
1B15F		<reserved>	• for katakana letter small no
1B160		<reserved>	• for katakana letter small ma
1B161		<reserved>	• for katakana letter small mi
1B162		<reserved>	• for katakana letter small me
1B163		<reserved>	• for katakana letter small mo
1B164		キ KATAKANA LETTER SMALL WI	
1B165		エ KATAKANA LETTER SMALL WE	
1B166		ヲ KATAKANA LETTER SMALL WO	
1B167		ン KATAKANA LETTER SMALL N	



	1E10	1E11	1E12	1E13	1E14
0	𐌆 1E100	𐌇 1E110	𐌈 1E120	𐌉 1E130	𐌐 1E140
1	𐌑 1E101	𐌒 1E111	𐌓 1E121	𐌔 1E131	𐌕 1E141
2	𐌖 1E102	𐌗 1E112	𐌘 1E122	𐌙 1E132	𐌚 1E142
3	𐌛 1E103	𐌜 1E113	𐌝 1E123	𐌞 1E133	𐌟 1E143
4	𐌢 1E104	𐌣 1E114	𐌤 1E124	𐌥 1E134	𐌦 1E144
5	𐌧 1E105	𐌨 1E115	𐌩 1E125	𐌪 1E135	𐌫 1E145
6	𐌰 1E106	𐌱 1E116	𐌲 1E126	𐌳 1E136	𐌴 1E146
7	𐌷 1E107	𐌸 1E117	𐌹 1E127	𐌺 1E137	𐌻 1E147
8	𐌾 1E108	𐌿 1E118	𐍀 1E128	𐍁 1E138	𐍂 1E148
9	𐍅 1E109	𐍆 1E119	𐍇 1E129	𐍈 1E139	𐍉 1E149
A	𐍊 1E10A	𐍋 1E11A	𐍌 1E12A	𐍍 1E13A	
B	𐍐 1E10B	𐍑 1E11B	𐍒 1E12B	𐍓 1E13B	
C	𐍖 1E10C	𐍗 1E11C	𐍘 1E12C	𐍙 1E13C	
D	𐍚 1E10D	𐍛 1E11D		𐍜 1E13D	
E	𐍞 1E10E	𐍟 1E11E			𐍠 1E14E
F	𐍢 1E10F	𐍣 1E11F			𐍤 1E14F

The Nyiakeng Puachue Hmong script (Nyiak Kees Puaj Txwm in RPA orthography) is also known as Pa Dao (Paj Ntaub) and Chervang script (Txawj Vaag).

### Consonant onsets

1E100	𐄀	NYIAKENG PUACHUE HMONG LETTER MA → 05DE 𐄀 hebrew letter mem
1E101	𐄁	NYIAKENG PUACHUE HMONG LETTER TSA
1E102	𐄂	NYIAKENG PUACHUE HMONG LETTER NTA
1E103	𐄃	NYIAKENG PUACHUE HMONG LETTER TA → 05D8 𐄃 hebrew letter tet
1E104	𐄄	NYIAKENG PUACHUE HMONG LETTER HA
1E105	𐄅	NYIAKENG PUACHUE HMONG LETTER NA
1E106	𐄆	NYIAKENG PUACHUE HMONG LETTER XA
1E107	𐄇	NYIAKENG PUACHUE HMONG LETTER NKA
1E108	𐄈	NYIAKENG PUACHUE HMONG LETTER CA
1E109	𐄉	NYIAKENG PUACHUE HMONG LETTER LA
1E10A	𐄊	NYIAKENG PUACHUE HMONG LETTER SA → 05E9 𐄊 hebrew letter shin
1E10B	𐄋	NYIAKENG PUACHUE HMONG LETTER ZA
1E10C	𐄌	NYIAKENG PUACHUE HMONG LETTER NCA
1E10D	𐄍	NYIAKENG PUACHUE HMONG LETTER NTA
1E10E	𐄎	NYIAKENG PUACHUE HMONG LETTER KA → 05DB 𐄎 hebrew letter kaf
1E10F	𐄏	NYIAKENG PUACHUE HMONG LETTER DA
1E110	𐄐	NYIAKENG PUACHUE HMONG LETTER NYA
1E111	𐄑	NYIAKENG PUACHUE HMONG LETTER NRA
1E112	𐄒	NYIAKENG PUACHUE HMONG LETTER VA
1E113	𐄓	NYIAKENG PUACHUE HMONG LETTER NTXA
1E114	𐄔	NYIAKENG PUACHUE HMONG LETTER TXA
1E115	𐄕	NYIAKENG PUACHUE HMONG LETTER FA
1E116	𐄖	NYIAKENG PUACHUE HMONG LETTER RA
1E117	𐄗	NYIAKENG PUACHUE HMONG LETTER QA → 05E7 𐄗 hebrew letter qof
1E118	𐄘	NYIAKENG PUACHUE HMONG LETTER YA
1E119	𐄙	NYIAKENG PUACHUE HMONG LETTER NQA
1E11A	𐄚	NYIAKENG PUACHUE HMONG LETTER PA → 05E4 𐄚 hebrew letter pe
1E11B	𐄛	NYIAKENG PUACHUE HMONG LETTER XYA
1E11C	𐄜	NYIAKENG PUACHUE HMONG LETTER NPA
1E11D	𐄝	NYIAKENG PUACHUE HMONG LETTER DLA
1E11E	𐄞	NYIAKENG PUACHUE HMONG LETTER NPLA
1E11F	𐄟	NYIAKENG PUACHUE HMONG LETTER HAH • also used for a vowel o
1E120	𐄠	NYIAKENG PUACHUE HMONG LETTER MLA
1E121	𐄡	NYIAKENG PUACHUE HMONG LETTER PLA
1E122	𐄢	NYIAKENG PUACHUE HMONG LETTER GA
1E123	𐄣	NYIAKENG PUACHUE HMONG LETTER RRA • also used for a diphthong ai

### Vowel rimes

1E124	𐄤	NYIAKENG PUACHUE HMONG LETTER A
1E125	𐄥	NYIAKENG PUACHUE HMONG LETTER AA
1E126	𐄦	NYIAKENG PUACHUE HMONG LETTER I
1E127	𐄧	NYIAKENG PUACHUE HMONG LETTER U
1E128	𐄨	NYIAKENG PUACHUE HMONG LETTER O
1E129	𐄩	NYIAKENG PUACHUE HMONG LETTER OO
1E12A	𐄪	NYIAKENG PUACHUE HMONG LETTER E
1E12B	𐄫	NYIAKENG PUACHUE HMONG LETTER EE
1E12C	𐄬	NYIAKENG PUACHUE HMONG LETTER W

### Tone marks

1E130	◌̄	NYIAKENG PUACHUE HMONG TONE-B = som thwb = RPA -b high-level tone
1E131	◌̇	NYIAKENG PUACHUE HMONG TONE-M = som thwm = RPA -m low-glottalized tone
1E132	◌̆	NYIAKENG PUACHUE HMONG TONE-J = som thwj = RPA -j high-falling tone
1E133	◌̈	NYIAKENG PUACHUE HMONG TONE-V = som thwv = RPA -v mid-rising tone
1E134	◌̈́	NYIAKENG PUACHUE HMONG TONE-S = som thws = RPA -s low-level tone
1E135	◌̆̄	NYIAKENG PUACHUE HMONG TONE-G = som thwg = RPA -g falling-breathy tone
1E136	◌̇̄	NYIAKENG PUACHUE HMONG TONE-D = som thwd = RPA -d low-rising tone

### Determinatives

Used as a determinative to indicate homophones referring to the corresponding categories

1E137	𐄭	NYIAKENG PUACHUE HMONG SIGN FOR PERSON = oov
1E138	𐄮	NYIAKENG PUACHUE HMONG SIGN FOR THING = pes
1E139	𐄯	NYIAKENG PUACHUE HMONG SIGN FOR LOCATION = khab theeab
1E13A	𐄰	NYIAKENG PUACHUE HMONG SIGN FOR ANIMAL = khuam luas
1E13B	𐄱	NYIAKENG PUACHUE HMONG SIGN FOR INVERTEBRATE = poos

### Punctuation

1E13C	𐄲	NYIAKENG PUACHUE HMONG SIGN XW XW → 0E46 𐄲 thai character maiyamok → 0EC6 𐄲 lao ko la • indicates repetition of a short word or syllable • indicates repetition of a whole phrase or sentence when preceded by a space
1E13D	𐄳	NYIAKENG PUACHUE HMONG SYLLABLE LENGTHENER = khu saim

### Digits

1E140	0	NYIAKENG PUACHUE HMONG DIGIT ZERO
1E141	1	NYIAKENG PUACHUE HMONG DIGIT ONE
1E142	2	NYIAKENG PUACHUE HMONG DIGIT TWO
1E143	3	NYIAKENG PUACHUE HMONG DIGIT THREE
1E144	4	NYIAKENG PUACHUE HMONG DIGIT FOUR
1E145	5	NYIAKENG PUACHUE HMONG DIGIT FIVE
1E146	6	NYIAKENG PUACHUE HMONG DIGIT SIX
1E147	7	NYIAKENG PUACHUE HMONG DIGIT SEVEN
1E148	8	NYIAKENG PUACHUE HMONG DIGIT EIGHT
1E149	9	NYIAKENG PUACHUE HMONG DIGIT NINE

**Symbols**

1E14E	𐄀	NYIAKENG PUACHUE HMONG LOGOGRAM NYAJ
		<ul style="list-style-type: none"><li>• used to represent the word for money or currency</li></ul>
1E14F	𐄁	NYIAKENG PUACHUE HMONG CIRCLED CA
		→ 1E108 𐄀 nyiakeng puachue hmong letter ca
		<ul style="list-style-type: none"><li>• used to indicate ownership</li></ul>

	1F10	1F11	1F12	1F13	1F14	1F15	1F16	1F17	1F18	1F19	1F1A	1F1B	1F1C	1F1D	1F1E	1F1F
0	<b>0.</b> 1F100	<b>(A)</b> 1F110	<b>(Q)</b> 1F120	<b>A</b> 1F130	<b>Q</b> 1F140	<b>A</b> 1F150	<b>Q</b> 1F160	<b>A</b> 1F170	<b>Q</b> 1F180	<b>DJ</b> 1F190	<b>5.1</b> 1F1A0					<b>K</b> 1F1F0
1	<b>0,</b> 1F101	<b>(B)</b> 1F111	<b>(R)</b> 1F121	<b>B</b> 1F131	<b>R</b> 1F141	<b>B</b> 1F151	<b>R</b> 1F161	<b>B</b> 1F171	<b>R</b> 1F181	<b>CL</b> 1F191	<b>7.1</b> 1F1A1					<b>L</b> 1F1F1
2	<b>1,</b> 1F102	<b>(C)</b> 1F112	<b>(S)</b> 1F122	<b>C</b> 1F132	<b>S</b> 1F142	<b>C</b> 1F152	<b>S</b> 1F162	<b>C</b> 1F172	<b>S</b> 1F182	<b>COOL</b> 1F192	<b>22.2</b> 1F1A2					<b>M</b> 1F1F2
3	<b>2,</b> 1F103	<b>(D)</b> 1F113	<b>(T)</b> 1F123	<b>D</b> 1F133	<b>T</b> 1F143	<b>D</b> 1F153	<b>T</b> 1F163	<b>D</b> 1F173	<b>T</b> 1F183	<b>FREE</b> 1F193	<b>60P</b> 1F1A3					<b>N</b> 1F1F3
4	<b>3,</b> 1F104	<b>(E)</b> 1F114	<b>(U)</b> 1F124	<b>E</b> 1F134	<b>U</b> 1F144	<b>E</b> 1F154	<b>U</b> 1F164	<b>E</b> 1F174	<b>U</b> 1F184	<b>ID</b> 1F194	<b>120P</b> 1F1A4					<b>O</b> 1F1F4
5	<b>4,</b> 1F105	<b>(F)</b> 1F115	<b>(V)</b> 1F125	<b>F</b> 1F135	<b>V</b> 1F145	<b>F</b> 1F155	<b>V</b> 1F165	<b>F</b> 1F175	<b>V</b> 1F185	<b>NEW</b> 1F195	<b>d</b> 1F1A5					<b>P</b> 1F1F5
6	<b>5,</b> 1F106	<b>(G)</b> 1F116	<b>(W)</b> 1F126	<b>G</b> 1F136	<b>W</b> 1F146	<b>G</b> 1F156	<b>W</b> 1F166	<b>G</b> 1F176	<b>W</b> 1F186	<b>NG</b> 1F196	<b>HC</b> 1F1A6				<b>A</b> 1F1E6	<b>Q</b> 1F1F6
7	<b>6,</b> 1F107	<b>(H)</b> 1F117	<b>(X)</b> 1F127	<b>H</b> 1F137	<b>X</b> 1F147	<b>H</b> 1F157	<b>X</b> 1F167	<b>H</b> 1F177	<b>X</b> 1F187	<b>OK</b> 1F197	<b>HDR</b> 1F1A7				<b>B</b> 1F1E7	<b>R</b> 1F1F7
8	<b>7,</b> 1F108	<b>(I)</b> 1F118	<b>(Y)</b> 1F128	<b>I</b> 1F138	<b>Y</b> 1F148	<b>I</b> 1F158	<b>Y</b> 1F168	<b>I</b> 1F178	<b>Y</b> 1F188	<b>SOS</b> 1F198	<b>Hi-Res</b> 1F1A8				<b>C</b> 1F1E8	<b>S</b> 1F1F8
9	<b>8,</b> 1F109	<b>(J)</b> 1F119	<b>(Z)</b> 1F129	<b>J</b> 1F139	<b>Z</b> 1F149	<b>J</b> 1F159	<b>Z</b> 1F169	<b>J</b> 1F179	<b>Z</b> 1F189	<b>UP!</b> 1F199	<b>Loss less</b> 1F1A9				<b>D</b> 1F1E9	<b>T</b> 1F1F9
A	<b>9,</b> 1F10A	<b>(K)</b> 1F11A	<b>(S)</b> 1F12A	<b>K</b> 1F13A	<b>HV</b> 1F14A	<b>K</b> 1F15A	<b>MC</b> 1F16A	<b>K</b> 1F17A	<b>R</b> 1F18A	<b>VS</b> 1F19A	<b>SHV</b> 1F1AA				<b>E</b> 1F1EA	<b>U</b> 1F1FA
B	<b>⓪</b> 1F10B	<b>(L)</b> 1F11B	<b>(C)</b> 1F12B	<b>L</b> 1F13B	<b>MV</b> 1F14B	<b>L</b> 1F15B	<b>MD</b> 1F16B	<b>L</b> 1F17B	<b>IC</b> 1F18B	<b>3D</b> 1F19B	<b>UHD</b> 1F1AB				<b>F</b> 1F1EB	<b>V</b> 1F1FB
C	<b>⓪</b> 1F10C	<b>(M)</b> 1F11C	<b>(R)</b> 1F12C	<b>M</b> 1F13C	<b>SD</b> 1F14C	<b>M</b> 1F15C	<b>MR</b> 1F16C	<b>M</b> 1F17C	<b>PA</b> 1F18C	<b>2nd Scr</b> 1F19C	<b>VOD</b> 1F1AC				<b>G</b> 1F1EC	<b>W</b> 1F1FC
D		<b>(N)</b> 1F11D	<b>(CD)</b> 1F12D	<b>N</b> 1F13D	<b>SS</b> 1F14D	<b>N</b> 1F15D		<b>N</b> 1F17D	<b>SA</b> 1F18D	<b>2K</b> 1F19D					<b>H</b> 1F1ED	<b>X</b> 1F1FD
E		<b>(O)</b> 1F11E	<b>(Wz)</b> 1F12E	<b>O</b> 1F13E	<b>PPV</b> 1F14E	<b>O</b> 1F15E		<b>O</b> 1F17E	<b>AB</b> 1F18E	<b>4K</b> 1F19E					<b>I</b> 1F1EE	<b>Y</b> 1F1FE
F		<b>(P)</b> 1F11F	<b>(C)</b> 1F12F	<b>P</b> 1F13F	<b>WC</b> 1F14F	<b>P</b> 1F15F		<b>P</b> 1F17F	<b>WC</b> 1F18F	<b>8K</b> 1F19F					<b>J</b> 1F1EF	<b>Z</b> 1F1FF

**Number with full stop**

*This symbol completes the set of numbers with full stop starting at 2488.*

1F100 **0**, DIGIT ZERO FULL STOP  
≈ 0030 **0** 002E .

**Numbers with comma**

1F101 **0**, DIGIT ZERO COMMA

≈ 0030 **0** 002C ,

1F102 **1**, DIGIT ONE COMMA

≈ 0031 **1** 002C ,

1F103 **2**, DIGIT TWO COMMA

≈ 0032 **2** 002C ,

1F104 **3**, DIGIT THREE COMMA

≈ 0033 **3** 002C ,

1F105 **4**, DIGIT FOUR COMMA

≈ 0034 **4** 002C ,

1F106 **5**, DIGIT FIVE COMMA

≈ 0035 **5** 002C ,

1F107 **6**, DIGIT SIX COMMA

≈ 0036 **6** 002C ,

1F108 **7**, DIGIT SEVEN COMMA

≈ 0037 **7** 002C ,

1F109 **8**, DIGIT EIGHT COMMA

≈ 0038 **8** 002C ,

1F10A **9**, DIGIT NINE COMMA

≈ 0039 **9** 002C ,

**Circled sans-serif digits**

*These digits complement the sans-serif digit sets in the Dingbat block ranges 2780-2789 and 278A-2793.*

1F10B **⓪** DINGBAT CIRCLED SANS-SERIF DIGIT ZERO

1F10C **Ⓛ** DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ZERO

**Parenthesized Latin letters**

*This set provides uppercase versions of the set starting at 249C. Parenthesized Latin letters do not have case mappings.*

1F110 **(A)** PARENTHESIZED LATIN CAPITAL LETTER A  
≈ 0028 ( 0041 **A** 0029 )

1F111 **(B)** PARENTHESIZED LATIN CAPITAL LETTER B  
≈ 0028 ( 0042 **B** 0029 )

1F112 **(C)** PARENTHESIZED LATIN CAPITAL LETTER C  
≈ 0028 ( 0043 **C** 0029 )

1F113 **(D)** PARENTHESIZED LATIN CAPITAL LETTER D  
≈ 0028 ( 0044 **D** 0029 )

1F114 **(E)** PARENTHESIZED LATIN CAPITAL LETTER E  
≈ 0028 ( 0045 **E** 0029 )

1F115 **(F)** PARENTHESIZED LATIN CAPITAL LETTER F  
≈ 0028 ( 0046 **F** 0029 )

1F116 **(G)** PARENTHESIZED LATIN CAPITAL LETTER G  
≈ 0028 ( 0047 **G** 0029 )

1F117 **(H)** PARENTHESIZED LATIN CAPITAL LETTER H  
≈ 0028 ( 0048 **H** 0029 )

1F118 **(I)** PARENTHESIZED LATIN CAPITAL LETTER I  
≈ 0028 ( 0049 **I** 0029 )

1F119 **(J)** PARENTHESIZED LATIN CAPITAL LETTER J  
≈ 0028 ( 004A **J** 0029 )

1F11A **(K)** PARENTHESIZED LATIN CAPITAL LETTER K  
≈ 0028 ( 004B **K** 0029 )

1F11B **(L)** PARENTHESIZED LATIN CAPITAL LETTER L  
≈ 0028 ( 004C **L** 0029 )

1F11C **(M)** PARENTHESIZED LATIN CAPITAL LETTER M  
≈ 0028 ( 004D **M** 0029 )

1F11D **(N)** PARENTHESIZED LATIN CAPITAL LETTER N  
≈ 0028 ( 004E **N** 0029 )

1F11E **(O)** PARENTHESIZED LATIN CAPITAL LETTER O  
≈ 0028 ( 004F **O** 0029 )

1F11F **(P)** PARENTHESIZED LATIN CAPITAL LETTER P  
≈ 0028 ( 0050 **P** 0029 )

1F120 **(Q)** PARENTHESIZED LATIN CAPITAL LETTER Q  
≈ 0028 ( 0051 **Q** 0029 )

1F121 **(R)** PARENTHESIZED LATIN CAPITAL LETTER R  
≈ 0028 ( 0052 **R** 0029 )

1F122 **(S)** PARENTHESIZED LATIN CAPITAL LETTER S  
≈ 0028 ( 0053 **S** 0029 )

1F123 **(T)** PARENTHESIZED LATIN CAPITAL LETTER T  
≈ 0028 ( 0054 **T** 0029 )

1F124 **(U)** PARENTHESIZED LATIN CAPITAL LETTER U  
≈ 0028 ( 0055 **U** 0029 )

1F125 **(V)** PARENTHESIZED LATIN CAPITAL LETTER V  
≈ 0028 ( 0056 **V** 0029 )

1F126 **(W)** PARENTHESIZED LATIN CAPITAL LETTER W  
≈ 0028 ( 0057 **W** 0029 )

1F127 **(X)** PARENTHESIZED LATIN CAPITAL LETTER X  
≈ 0028 ( 0058 **X** 0029 )

1F128 **(Y)** PARENTHESIZED LATIN CAPITAL LETTER Y  
≈ 0028 ( 0059 **Y** 0029 )

1F129 **(Z)** PARENTHESIZED LATIN CAPITAL LETTER Z  
≈ 0028 ( 005A **Z** 0029 )

**Latin letter with tortoise shell brackets**

1F12A **[S]** TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S

- used in baseball scoring
- ≈ 3014 ( 0053 **S** 3015 )

**Circled italic Latin letters**

1F12B **©** CIRCLED ITALIC LATIN CAPITAL LETTER C  
= compact disc, single disc record  
≈ <circle> 0043 **C**

1F12C **®** CIRCLED ITALIC LATIN CAPITAL LETTER R  
= disc record  
≈ <circle> 0052 **R**

**Circled Latin letter sequences**

1F12D **Ⓒ** CIRCLED CD  
→ 33C5 cd square cd  
≈ <circle> 0043 **C** 0044 **D**

1F12E **Ⓜ** CIRCLED WZ  
• from the German term “Warenzeichen”  
• indicate a trademarked term without making a legal claim of trademark status  
• decomposition is anomalous, as the usual glyph shows a capital W and a small z  
→ 2122 <sup>TM</sup> trade mark sign  
≈ <circle> 0057 **W** 005A **Z**

**Circled Latin letter**

1F12F **©** COPYLEFT SYMBOL  
→ 00A9 **©** copyright sign  
→ 2183 **↺** roman numeral reversed one hundred






**Squared Latin letters**

1F130 **Ⓐ** SQUARED LATIN CAPITAL LETTER A  
= Anreisetag (day of arrival)  
≈ <square> 0041 **A**

- 1F131 **B** SQUARED LATIN CAPITAL LETTER B  
= bank  
= b-mode stereo compression broadcasting service (ARIB STD B24)  
≈ <square> 0042 **B**
- 1F132 **C** SQUARED LATIN CAPITAL LETTER C  
≈ <square> 0043 **C**
- 1F133 **D** SQUARED LATIN CAPITAL LETTER D  
≈ <square> 0044 **D**
- 1F134 **E** SQUARED LATIN CAPITAL LETTER E  
≈ <square> 0045 **E**
- 1F135 **F** SQUARED LATIN CAPITAL LETTER F  
≈ <square> 0046 **F**
- 1F136 **G** SQUARED LATIN CAPITAL LETTER G  
≈ <square> 0047 **G**
- 1F137 **H** SQUARED LATIN CAPITAL LETTER H  
≈ <square> 0048 **H**
- 1F138 **I** SQUARED LATIN CAPITAL LETTER I  
≈ <square> 0049 **I**
- 1F139 **J** SQUARED LATIN CAPITAL LETTER J  
≈ <square> 004A **J**
- 1F13A **K** SQUARED LATIN CAPITAL LETTER K  
≈ <square> 004B **K**
- 1F13B **L** SQUARED LATIN CAPITAL LETTER L  
≈ <square> 004C **L**
- 1F13C **M** SQUARED LATIN CAPITAL LETTER M  
≈ <square> 004D **M**
- 1F13D **N** SQUARED LATIN CAPITAL LETTER N  
= news (ARIB STD B24)  
≈ <square> 004E **N**
- 1F13E **O** SQUARED LATIN CAPITAL LETTER O  
≈ <square> 004F **O**
- 1F13F **P** SQUARED LATIN CAPITAL LETTER P  
= progressive broadcasting (ARIB STD B24)  
≈ <square> 0050 **P**
- 1F140 **Q** SQUARED LATIN CAPITAL LETTER Q  
≈ <square> 0051 **Q**
- 1F141 **R** SQUARED LATIN CAPITAL LETTER R  
≈ <square> 0052 **R**
- 1F142 **S** SQUARED LATIN CAPITAL LETTER S  
= stereo broadcasting service (ARIB STD B24)  
≈ <square> 0053 **S**
- 1F143 **T** SQUARED LATIN CAPITAL LETTER T  
= tobacconist  
≈ <square> 0054 **T**
- 1F144 **U** SQUARED LATIN CAPITAL LETTER U  
≈ <square> 0055 **U**
- 1F145 **V** SQUARED LATIN CAPITAL LETTER V  
≈ <square> 0056 **V**
- 1F146 **W** SQUARED LATIN CAPITAL LETTER W  
= wide-format 16:9 broadcasting service (ARIB STD B24)  
≈ <square> 0057 **W**
- 1F147 **X** SQUARED LATIN CAPITAL LETTER X  
≈ <square> 0058 **X**
- 1F148 **Y** SQUARED LATIN CAPITAL LETTER Y  
≈ <square> 0059 **Y**
- 1F149 **Z** SQUARED LATIN CAPITAL LETTER Z  
≈ <square> 005A **Z**
- 1F14A **HV** SQUARED HV  
= hdtv  
≈ <square> 0048 **H** 0056 **V**

- 1F14B **MV** SQUARED MV  
= multi-view television  
≈ <square> 004D **M** 0056 **V**
- 1F14C **SD** SQUARED SD  
= sdtv  
≈ <square> 0053 **S** 0044 **D**
- 1F14D **SS** SQUARED SS  
= surround stereo broadcasting service  
≈ <square> 0053 **S** 0053 **S**
- 1F14E **PPV** SQUARED PPV  
= pay-per-view  
≈ <square> 0050 **P** 0050 **P** 0056 **V**
- 1F14F **WC** SQUARED WC  
= water closet, public toilet  
≈ <square> 0057 **W** 0043 **C**

**White on black circled Latin letters**

- 1F150 **A** NEGATIVE CIRCLED LATIN CAPITAL LETTER A  
= airport
- 1F151 **B** NEGATIVE CIRCLED LATIN CAPITAL LETTER B
- 1F152 **C** NEGATIVE CIRCLED LATIN CAPITAL LETTER C
- 1F153 **D** NEGATIVE CIRCLED LATIN CAPITAL LETTER D
- 1F154 **E** NEGATIVE CIRCLED LATIN CAPITAL LETTER E
- 1F155 **F** NEGATIVE CIRCLED LATIN CAPITAL LETTER F  
= ferry
- 1F156 **G** NEGATIVE CIRCLED LATIN CAPITAL LETTER G
- 1F157 **H** NEGATIVE CIRCLED LATIN CAPITAL LETTER H  
= hotel (ARIB STD B24)
- 1F158 **I** NEGATIVE CIRCLED LATIN CAPITAL LETTER I
- 1F159 **J** NEGATIVE CIRCLED LATIN CAPITAL LETTER J
- 1F15A **K** NEGATIVE CIRCLED LATIN CAPITAL LETTER K  
= Kurort (spa)  
→ 2668  hot springs
- 1F15B **L** NEGATIVE CIRCLED LATIN CAPITAL LETTER L  
= light rail  
→ 1F688  light rail
- 1F15C **M** NEGATIVE CIRCLED LATIN CAPITAL LETTER M  
= metro  
→ 1F687  metro
- 1F15D **N** NEGATIVE CIRCLED LATIN CAPITAL LETTER N
- 1F15E **O** NEGATIVE CIRCLED LATIN CAPITAL LETTER O
- 1F15F **P** NEGATIVE CIRCLED LATIN CAPITAL LETTER P  
= parking space (ARIB STD B24)
- 1F160 **Q** NEGATIVE CIRCLED LATIN CAPITAL LETTER Q
- 1F161 **R** NEGATIVE CIRCLED LATIN CAPITAL LETTER R  
= Raststätte (rest stop)
- 1F162 **S** NEGATIVE CIRCLED LATIN CAPITAL LETTER S  
= Stadtbahn (metropolitan railway)
- 1F163 **T** NEGATIVE CIRCLED LATIN CAPITAL LETTER T  
= Tankstelle (petrol station)  
→ 26FD  fuel pump
- 1F164 **U** NEGATIVE CIRCLED LATIN CAPITAL LETTER U  
= underground rail  
→ 1F687  metro
- 1F165 **V** NEGATIVE CIRCLED LATIN CAPITAL LETTER V
- 1F166 **W** NEGATIVE CIRCLED LATIN CAPITAL LETTER W
- 1F167 **X** NEGATIVE CIRCLED LATIN CAPITAL LETTER X
- 1F168 **Y** NEGATIVE CIRCLED LATIN CAPITAL LETTER Y
- 1F169 **Z** NEGATIVE CIRCLED LATIN CAPITAL LETTER Z

**Raised squared Latin sequences**

- 1F16A <sup>MC</sup> **RAISED MC SIGN**  
= marque de commerce  
• used in Canada  
→ 2122 <sup>TM</sup> trade mark sign  
≈ <sup> 004D **M** 0043 **C**
- 1F16B <sup>MD</sup> **RAISED MD SIGN**  
= marque déposée  
• used in Canada  
→ 00AE <sup>®</sup> registered sign  
≈ <sup> 004D **M** 0044 **D**
- 1F16C <sup>MR</sup> **RAISED MR SIGN**  
= marca registrada  
• used primarily in Spanish and Portuguese speaking communities to indicate a registered trademark  
≈ <sup> 004D **M** 0052 **R**

**White on black squared Latin letters**

*The square edges may be slightly rounded.*

- 1F170 **A** **NEGATIVE SQUARED LATIN CAPITAL LETTER A**  
= blood type A
- 1F171 **B** **NEGATIVE SQUARED LATIN CAPITAL LETTER B**  
= blood type B
- 1F172 **C** **NEGATIVE SQUARED LATIN CAPITAL LETTER C**  
= centre, city centre
- 1F173 **D** **NEGATIVE SQUARED LATIN CAPITAL LETTER D**
- 1F174 **E** **NEGATIVE SQUARED LATIN CAPITAL LETTER E**
- 1F175 **F** **NEGATIVE SQUARED LATIN CAPITAL LETTER F**  
= Feuerwache (fire department)
- 1F176 **G** **NEGATIVE SQUARED LATIN CAPITAL LETTER G**
- 1F177 **H** **NEGATIVE SQUARED LATIN CAPITAL LETTER H**  
= Haltestelle (bus stop)  
→ 1F68F <sup>♀</sup> bus stop
- 1F178 **I** **NEGATIVE SQUARED LATIN CAPITAL LETTER I**
- 1F179 **J** **NEGATIVE SQUARED LATIN CAPITAL LETTER J**  
= junction (ARIB STD B24)
- 1F17A **K** **NEGATIVE SQUARED LATIN CAPITAL LETTER K**
- 1F17B **L** **NEGATIVE SQUARED LATIN CAPITAL LETTER L**  
= leisure center (ARIB STD B24)
- 1F17C **M** **NEGATIVE SQUARED LATIN CAPITAL LETTER M**  
= museum, cultural center (ARIB STD B24)
- 1F17D **N** **NEGATIVE SQUARED LATIN CAPITAL LETTER N**
- 1F17E **O** **NEGATIVE SQUARED LATIN CAPITAL LETTER O**  
= blood type O
- 1F17F **P** **NEGATIVE SQUARED LATIN CAPITAL LETTER P**  
= parking space empty-full (ARIB STD B24)
- 1F180 **Q** **NEGATIVE SQUARED LATIN CAPITAL LETTER Q**
- 1F181 **R** **NEGATIVE SQUARED LATIN CAPITAL LETTER R**
- 1F182 **S** **NEGATIVE SQUARED LATIN CAPITAL LETTER S**
- 1F183 **T** **NEGATIVE SQUARED LATIN CAPITAL LETTER T**
- 1F184 **U** **NEGATIVE SQUARED LATIN CAPITAL LETTER U**
- 1F185 **V** **NEGATIVE SQUARED LATIN CAPITAL LETTER V**
- 1F186 **W** **NEGATIVE SQUARED LATIN CAPITAL LETTER W**
- 1F187 **X** **NEGATIVE SQUARED LATIN CAPITAL LETTER X**
- 1F188 **Y** **NEGATIVE SQUARED LATIN CAPITAL LETTER Y**
- 1F189 **Z** **NEGATIVE SQUARED LATIN CAPITAL LETTER Z**
- 1F18A **⌘** **CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P**  
= parking space closed
- 1F18B **IC** **NEGATIVE SQUARED IC**  
= interchange, ramp
- 1F18C **PA** **NEGATIVE SQUARED PA**  
= parking area

- 1F18D **SA** **NEGATIVE SQUARED SA**  
= service area
- 1F18E **AB** **NEGATIVE SQUARED AB**  
= blood type AB
- 1F18F **WC** **NEGATIVE SQUARED WC**  
= water closet, public toilet

**Squared Latin letter sequences**

- 1F190 **DJ** **SQUARE DJ**  
= disc jockey  
≈ <square> 0044 **D** 004A **J**
- 1F191 **CL** **SQUARED CL**  
= clear
- 1F192 **COOL** **SQUARED COOL**
- 1F193 **FREE** **SQUARED FREE**  
= free postage
- 1F194 **ID** **SQUARED ID**  
= identification, ID
- 1F195 **NEW** **SQUARED NEW**
- 1F196 **NG** **SQUARED NG**  
= no good
- 1F197 **OK** **SQUARED OK**
- 1F198 **SOS** **SQUARED SOS**  
= search, hunt for missing person
- 1F199 **UPI** **SQUARED UP WITH EXCLAMATION MARK**  
= new information, update
- 1F19A **VS** **SQUARED VS**  
= versus

**Squared Latin letter sequences from ARIB STD B62**















































































































- 1F19B **3D** **SQUARED THREE D**
- 1F19C **2SP** **SQUARED SECOND SCREEN**
- 1F19D **2K** **SQUARED TWO K**
- 1F19E **4K** **SQUARED FOUR K**
- 1F19F **8K** **SQUARED EIGHT K**
- 1F1A0 **5.1** **SQUARED FIVE POINT ONE**  
• denotes 5.1-channel surround sound
- 1F1A1 **7.1** **SQUARED SEVEN POINT ONE**  
• denotes 7.1-channel surround sound
- 1F1A2 **22.2** **SQUARED TWENTY-TWO POINT TWO**  
• denotes 22.2-channel surround sound
- 1F1A3 **60P** **SQUARED SIXTY P**  
• denotes 60Hz frame rate with progressive scanning
- 1F1A4 **120P** **SQUARED ONE HUNDRED TWENTY P**  
• denotes 120Hz frame rate with progressive scanning
- 1F1A5 **d** **SQUARED LATIN SMALL LETTER D**  
= data
- 1F1A6 **HC** **SQUARED HC**  
= hybrid cast
- 1F1A7 **HDR** **SQUARED HDR**  
= high dynamic range
- 1F1A8 **Hi-Res** **SQUARED HI-RES**  
= high resolution
- 1F1A9 **Lossless** **SQUARED LOSSLESS**
- 1F1AA **SHV** **SQUARED SHV**  
= super high vision
- 1F1AB **UHD** **SQUARED UHD**  
= ultra-high definition
- 1F1AC **VOD** **SQUARED VOD**  
= video on demand

**Regional indicator symbols**

*These characters can be used in pairs to represent regional codes. In some emoji implementations, certain pairs may be recognized and displayed by alternate means; for instance, an implementation might recognize F + R and display this combination with a symbol representing the flag of France.*








1F1E6	<b>A</b>	REGIONAL INDICATOR SYMBOL LETTER A
1F1E7	<b>B</b>	REGIONAL INDICATOR SYMBOL LETTER B
1F1E8	<b>C</b>	REGIONAL INDICATOR SYMBOL LETTER C
1F1E9	<b>D</b>	REGIONAL INDICATOR SYMBOL LETTER D
1F1EA	<b>E</b>	REGIONAL INDICATOR SYMBOL LETTER E
1F1EB	<b>F</b>	REGIONAL INDICATOR SYMBOL LETTER F
1F1EC	<b>G</b>	REGIONAL INDICATOR SYMBOL LETTER G
1F1ED	<b>H</b>	REGIONAL INDICATOR SYMBOL LETTER H
1F1EE	<b>I</b>	REGIONAL INDICATOR SYMBOL LETTER I
1F1EF	<b>J</b>	REGIONAL INDICATOR SYMBOL LETTER J
1F1F0	<b>K</b>	REGIONAL INDICATOR SYMBOL LETTER K
1F1F1	<b>L</b>	REGIONAL INDICATOR SYMBOL LETTER L
1F1F2	<b>M</b>	REGIONAL INDICATOR SYMBOL LETTER M
1F1F3	<b>N</b>	REGIONAL INDICATOR SYMBOL LETTER N
1F1F4	<b>O</b>	REGIONAL INDICATOR SYMBOL LETTER O
1F1F5	<b>P</b>	REGIONAL INDICATOR SYMBOL LETTER P
1F1F6	<b>Q</b>	REGIONAL INDICATOR SYMBOL LETTER Q
1F1F7	<b>R</b>	REGIONAL INDICATOR SYMBOL LETTER R
1F1F8	<b>S</b>	REGIONAL INDICATOR SYMBOL LETTER S
1F1F9	<b>T</b>	REGIONAL INDICATOR SYMBOL LETTER T
1F1FA	<b>U</b>	REGIONAL INDICATOR SYMBOL LETTER U
1F1FB	<b>V</b>	REGIONAL INDICATOR SYMBOL LETTER V
1F1FC	<b>W</b>	REGIONAL INDICATOR SYMBOL LETTER W
1F1FD	<b>X</b>	REGIONAL INDICATOR SYMBOL LETTER X
1F1FE	<b>Y</b>	REGIONAL INDICATOR SYMBOL LETTER Y
1F1FF	<b>Z</b>	REGIONAL INDICATOR SYMBOL LETTER Z



	1FA0	1FA1	1FA2	1FA3	1FA4	1FA5	1FA6
0	 1FA00	 1FA10	 1FA20	 1FA30	 1FA40	 1FA50	 1FA60
1	 1FA01	 1FA11	 1FA21	 1FA31	 1FA41	 1FA51	 1FA61
2	 1FA02	 1FA12	 1FA22	 1FA32	 1FA42	 1FA52	 1FA62
3	 1FA03	 1FA13	 1FA23	 1FA33	 1FA43	 1FA53	 1FA63
4	 1FA04	 1FA14	 1FA24	 1FA34	 1FA44		 1FA64
5	 1FA05	 1FA15	 1FA25	 1FA35	 1FA45		 1FA65
6	 1FA06	 1FA16	 1FA26	 1FA36	 1FA46		 1FA66
7	 1FA07	 1FA17	 1FA27	 1FA37	 1FA47		 1FA67
8	 1FA08	 1FA18	 1FA28	 1FA38	 1FA48		 1FA68
9	 1FA09	 1FA19	 1FA29	 1FA39	 1FA49		 1FA69
A	 1FA0A	 1FA1A	 1FA2A	 1FA3A	 1FA4A		 1FA6A
B	 1FA0B	 1FA1B	 1FA2B	 1FA3B	 1FA4B		 1FA6B
C	 1FA0C	 1FA1C	 1FA2C	 1FA3C	 1FA4C		 1FA6C
D	 1FA0D	 1FA1D	 1FA2D	 1FA3D	 1FA4D		 1FA6D
E	 1FA0E	 1FA1E	 1FA2E	 1FA3E	 1FA4E		
F	 1FA0F	 1FA1F	 1FA2F	 1FA3F	 1FA4F		

*These characters are used to represent the pieces of a variety of heterodox chess games.*



















#### Vertical chess symbols

1FA00		NEUTRAL CHESS KING → 2654  white chess king
1FA01		NEUTRAL CHESS QUEEN
1FA02		NEUTRAL CHESS ROOK
1FA03		NEUTRAL CHESS BISHOP
1FA04		NEUTRAL CHESS KNIGHT
1FA05		NEUTRAL CHESS PAWN




#### Chess symbols rotated 45 degrees

1FA06		WHITE CHESS KNIGHT ROTATED FORTY-FIVE DEGREES
1FA07		BLACK CHESS KNIGHT ROTATED FORTY-FIVE DEGREES
1FA08		NEUTRAL CHESS KNIGHT ROTATED FORTYFIVE DEGREES


#### Chess symbols rotated 90 degrees













1FA09		WHITE CHESS KING ROTATED NINETY DEGREES
1FA0A		WHITE CHESS QUEEN ROTATED NINETY DEGREES
1FA0B		WHITE CHESS ROOK ROTATED NINETY DEGREES
1FA0C		WHITE CHESS BISHOP ROTATED NINETY DEGREES
1FA0D		WHITE CHESS KNIGHT ROTATED NINETY DEGREES
1FA0E		WHITE CHESS PAWN ROTATED NINETY DEGREES
1FA0F		BLACK CHESS KING ROTATED NINETY DEGREES
1FA10		BLACK CHESS QUEEN ROTATED NINETY DEGREES
1FA11		BLACK CHESS ROOK ROTATED NINETY DEGREES
1FA12		BLACK CHESS BISHOP ROTATED NINETY DEGREES
1FA13		BLACK CHESS KNIGHT ROTATED NINETY DEGREES
1FA14		BLACK CHESS PAWN ROTATED NINETY DEGREES
1FA15		NEUTRAL CHESS KING ROTATED NINETY DEGREES
1FA16		NEUTRAL CHESS QUEEN ROTATED NINETY DEGREES
1FA17		NEUTRAL CHESS ROOK ROTATED NINETY DEGREES
1FA18		NEUTRAL CHESS BISHOP ROTATED NINETY DEGREES
1FA19		NEUTRAL CHESS KNIGHT ROTATED NINETY DEGREES
1FA1A		NEUTRAL CHESS PAWN ROTATED NINETY DEGREES

#### Chess symbols rotated 135 degrees




1FA1B		WHITE CHESS KNIGHT ROTATED ONE HUNDRED THIRTY-FIVE DEGREES
1FA1C		BLACK CHESS KNIGHT ROTATED ONE HUNDRED THIRTY-FIVE DEGREES
1FA1D		NEUTRAL CHESS KNIGHT ROTATED ONE HUNDRED THIRTY-FIVE DEGREES

#### Chess symbols rotated 180 degrees

















1FA1E		WHITE CHESS TURNED KING
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1FA1F		WHITE CHESS TURNED QUEEN = white grasshopper
1FA20		WHITE CHESS TURNED ROOK
1FA21		WHITE CHESS TURNED BISHOP
1FA22		WHITE CHESS TURNED KNIGHT = white knightrider
1FA23		WHITE CHESS TURNED PAWN
1FA24		BLACK CHESS TURNED KING
1FA25		BLACK CHESS TURNED QUEEN = black grasshopper
1FA26		BLACK CHESS TURNED ROOK
1FA27		BLACK CHESS TURNED BISHOP
1FA28		BLACK CHESS TURNED KNIGHT = black knightrider
1FA29		BLACK CHESS TURNED PAWN
1FA2A		NEUTRAL CHESS TURNED KING
1FA2B		NEUTRAL CHESS TURNED QUEEN = neutral grasshopper
1FA2C		NEUTRAL CHESS TURNED ROOK
1FA2D		NEUTRAL CHESS TURNED BISHOP
1FA2E		NEUTRAL CHESS TURNED KNIGHT = neutral knightrider
1FA2F		NEUTRAL CHESS TURNED PAWN


#### Chess symbols rotated 225 degrees

1FA30		WHITE CHESS KNIGHT ROTATED TWO HUNDRED TWENTY-FIVE DEGREES
1FA31		BLACK CHESS KNIGHT ROTATED TWO HUNDRED TWENTY-FIVE DEGREES
1FA32		NEUTRAL CHESS KNIGHT ROTATED TWO HUNDRED TWENTY-FIVE DEGREES

#### Chess symbols rotated 270 degrees


1FA33		WHITE CHESS KING ROTATED TWO HUNDRED SEVENTY DEGREES
1FA34		WHITE CHESS QUEEN ROTATED TWO HUNDRED SEVENTY DEGREES
1FA35		WHITE CHESS ROOK ROTATED TWO HUNDRED SEVENTY DEGREES
1FA36		WHITE CHESS BISHOP ROTATED TWO HUNDRED SEVENTY DEGREES
1FA37		WHITE CHESS KNIGHT ROTATED TWO HUNDRED SEVENTY DEGREES
1FA38		WHITE CHESS PAWN ROTATED TWO HUNDRED SEVENTY DEGREES
1FA39		BLACK CHESS KING ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3A		BLACK CHESS QUEEN ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3B		BLACK CHESS ROOK ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3C		BLACK CHESS BISHOP ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3D		BLACK CHESS KNIGHT ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3E		BLACK CHESS PAWN ROTATED TWO HUNDRED SEVENTY DEGREES
1FA3F		NEUTRAL CHESS KING ROTATED TWO HUNDRED SEVENTY DEGREES
1FA40		NEUTRAL CHESS QUEEN ROTATED TWO HUNDRED SEVENTY DEGREES
1FA41		NEUTRAL CHESS ROOK ROTATED TWO HUNDRED SEVENTY DEGREES
1FA42		NEUTRAL CHESS BISHOP ROTATED TWO HUNDRED SEVENTY DEGREES


1FA43  NEUTRAL CHESS KNIGHT ROTATED TWO HUNDRED SEVENTY DEGREES

1FA44  NEUTRAL CHESS PAWN ROTATED TWO HUNDRED SEVENTY DEGREES


#### Chess symbols rotated 315 degrees


1FA45  WHITE CHESS KNIGHT ROTATED THREE HUNDRED FIFTEEN DEGREES


1FA46  BLACK CHESS KNIGHT ROTATED THREE HUNDRED FIFTEEN DEGREES

1FA47  NEUTRAL CHESS KNIGHT ROTATED THREE HUNDRED FIFTEEN DEGREES


#### Chess equihoppers


1FA48  WHITE CHESS EQUIHOPPER


1FA49  BLACK CHESS EQUIHOPPER


1FA4A  NEUTRAL CHESS EQUIHOPPER


#### Chess equihoppers rotated 90 degrees

1FA4B  WHITE CHESS EQUIHOPPER ROTATED NINETY DEGREES


→ 231B  hourglass


→ 23F3  hourglass with flowing sand


1FA4C  BLACK CHESS EQUIHOPPER ROTATED NINETY DEGREES


1FA4D  NEUTRAL CHESS EQUIHOPPER ROTATED NINETY DEGREES


#### Hybrid chess symbols


1FA4E  WHITE CHESS KNIGHT-QUEEN  
= amazon, terror, omnipotent queen, superqueen

1FA4F  WHITE CHESS KNIGHT-ROOK  
= chancellor, marshall, empress


1FA50  WHITE CHESS KNIGHT-BISHOP  
= cardinal, princess  
• may have the form of a mitre or biretta


1FA51  BLACK CHESS KNIGHT-QUEEN


1FA52  BLACK CHESS KNIGHT-ROOK

1FA53  BLACK CHESS KNIGHT-BISHOP


#### Xiangqi symbols


1FA60  RED XIANGQI GENERAL  
= hóng shuài  
• design typically shows 5E25 帥 or 5E05 帅  
• design sometimes shows 5C07 將 (Yuan dynasty)


1FA61  RED XIANGQI MANDARIN  
= hóng shì  
• design typically shows 4ED5 仕  
• design sometimes shows 58EB 士

1FA62  RED XIANGQI ELEPHANT  
= hóng xiàng  
• design typically shows 76F8 相  
• design sometimes shows 8C61 象 (Yuan dynasty)

1FA63  RED XIANGQI HORSE  
= hóng mǎ  
• design typically shows 99AC 馬 or 9A6C 马  
• design sometimes shows 508C 傜

1FA64  RED XIANGQI CHARIOT  
= hóng jū  
• design typically shows 8ECA 車 or 8F66 车  
• design sometimes shows 4FE5 俚


1FA65  RED XIANGQI CANNON  
= hóng pào  
• design typically shows 70AE 炮 or 792E 礮  
• design sometimes shows 7832 砲  
• design sometimes shows 5352 卒 (Ming dynasty)


1FA66  RED XIANGQI SOLDIER  
= hóng bīng  
• design typically shows 5175 兵  
• design sometimes shows 5352 卒 (Yuan and Ming dynasties)

1FA67  BLACK XIANGQI GENERAL  
= hēi jiāng  
• design typically shows 5C07 將 or 5C06 将


1FA68  BLACK XIANGQI MANDARIN  
= hēi shì  
• design typically shows 58EB 士

1FA69  BLACK XIANGQI ELEPHANT  
= hēi xiàng  
• design typically shows 8C61 象

1FA6A  BLACK XIANGQI HORSE  
= hēi mǎ  
• design typically shows 99AC 馬 or 9A6C 马

1FA6B  BLACK XIANGQI CHARIOT  
= hēi jū  
• design typically shows 8ECA 車 or 8F66 车

1FA6C  BLACK XIANGQI CANNON  
= hēi pào  
• design typically shows 7832 砲  
• design sometimes shows 70AE 炮

1FA6D  BLACK XIANGQI SOLDIER  
= hēi zú  
• design typically shows 5352 卒  
• design sometimes shows 5175 兵 (Yuan and Ming dynasties)