Font Features for Charis SIL

When Charis SIL is used in applications that support Graphite, and that provide an appropriate user interface, various user-controllable font features are available that allow access to alternatively-designed glyphs that might be preferable for use in some contexts. In the Graphite version of OpenOffice 3.0[1] the font features can be turned on by choosing the font (ie Charis SIL), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the Uppercase eng alternate "Capital N with tail" is desired, the font selection would be "Charis SIL:1024=2". If you wish to apply two (or more) features, you can separate them with an "&". Thus, "Charis SIL:1024=2&1058=1" would apply "Capital N with tail" plus the "Small capitals" feature.

Some of these font features are also available in AAT applications on Mac OS X. A glyph palette is available for accessing the alternate glyphs in some applications such as Adobe InDesign.

Ideally the selection of these font features is done in application programs, but many applications do not yet support this functionality. In response to this lack of support for features, a program called TypeTuner[2] allows users to create derivative fonts with their own feature settings based on the needs of a local project or region.

In the table below, upper and lowercase pairs are shown (if they exist), even if the feature only affects one or the other. This is in order to see how the whole pair looks when a feature is applied. The following font features are available in Charis SIL:

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes[3]
Language specific					
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EAA U+1EAB U+1EAE U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EBE U+1EBF U+1EC0 U+1EC1 U+1EC2 U+1EC3 U+1EC4 U+1EC5 U+1ED0 U+1ED1 U+1ED2 U+1ED3 U+1ED4 U+1ED5 U+1ED6 U+1ED7)	1029	0=False	Ấấ Ầầ Ẩẩ Ẫẫ Ấấ Ằằ Ẳẳ Ẵẵ Ếế Ềề Ểể Ễễ Ốố Ồồ Ổổ Ỗỗ	ẤẤ ẦẦ ẨẨ ẪẪ ẤẤ ẰẰ ẲẲ ẴẴ ẾẾ ỀỀ ỂỂ ỄỄ ỐỐ ỒỒ ỔỔ ỖỖ	R, O
		1=True	Ấấ Ầầ Ẩẩ Ẫẫ Ấấ Ằằ Ẳẳ Ẵẵ Ếế Ềề Ểể Ễễ Ốố Ồồ Ổổ Ỗỗ	ẤẤ ẦẦ ẨẨ ẪẪ ẤẤ ẰẰ ẲẲ ẴẴ ẾẾ ỀỀ ỂỂ ỄỄ ỐỐ ỒỒ ỔỔ ỖỖ	
Romanian-style diacritics (U+015E U+015F U+0162 U+0163)	1041	0=False	Şş Ţţ	Şş Ţţ	R, O
		1=True	Şş Ţţ	Şş Ţţ	

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[1] http://scripts.sil.org/OOo_20_graphite

[2] http://scripts.sil.org/TypeTuner

[3] **TypeTuner legend: R**=glyphs are Reencoded (will work with dumb rendering); **O**=OpenType rules are activated; **G**=Graphite-only feature
(All features are available for Graphite applications.)

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Chinantec tones (U+02CB U+02C8 U+02C9 U+02CA)	1057	0=False	ˋ ˈ ˗ ˊ	Small capitals are not available as there is no uppercase equivalent	R
		1=True	ˋ ˈ ˗ ˊ		
Bridging diacritics (U+0308 – used with "L" and "l", U+0311, U+0361 and U+035F – used with "O", "o", "U" and "u".)	1052	0=False	Naso: L̈L Ïl L̈l Konai: ÔU Ôu ôu O͟U O͟u o͟u O͡U O͡u o͡u O͜U O͜u o͜u	Small capitals do not work properly	G
		1=True	Naso: L̈L Ïl L̈l Konai: ÔU Ôu ôu O͟U O͟u o͟u O͡U O͡u o͡u O͜U O͜u o͜u		
Cyrillic[4]					
Mongolian-style Cyrillic E (U+042D U+044D)	1027	0=False	Ээ	Ээ	R
		1=True	Ээ	Ээ	
Combining breve Cyrillic form (U+0306)	1028	0=False	anything with ̆ (Ӗӗ)	anything with ̆ (Ӗӗ)	R (no effect if data is NFC)
		1=True	anything with ̆ (Ӗӗ)	anything with ̆ (Ӗӗ)	
Cyrillic shha alternate (U+04BB)	1056	0=False	Һһ	Һһ	R
		1=True	Һһ	Һһ	

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[4] There are also Cyrillic characters affected by the "Slant italic specials", "Capital Ezh alternates", "Small capitals" and "Show deprecated PUA" features. Some languages may also use the "Modifier apostrophe alternates."

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Tone-related					
Tone numbers (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+712 U+A713 U+A714 U+A715 U+A716)	1026	0=False	˥ ˦ ˧ ˨ ˩ ꜒ ꜓ ꜔ ꜕ ꜖	Small capitals are not available as there is no uppercase equivalent	G
		1=True	5 4 3 2 1 5 4 3 2 1		
Hide tone contour staves (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+712 U+A713 U+A714 U+A715 U+A716)	1050	0=False	˥ ˦ ˧ ˨ ˩ ꜒ ꜓ ꜔ ꜕ ꜖ (⤩⤪)	Small capitals are not available as there is no uppercase equivalent	G
		1=True	˥ ˦ ˧ ˨ ˩ ꜒ ꜓ ꜔ ꜕ ꜖ (∧ ∧)		
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6 U+F1F7 U+F1F8 U+F1F9)	1062	0=Ligated	_ _ _ – – ‒ ‾ ‾ ‾ (⌣⌢)	Small capitals are not available as there is no uppercase equivalent	G
		1=Show tramlines	_ _ _ – – ‒ ‾ ‾ ‾ (⌣⌢)		
		2=Non-ligated	_ _ _ – – ‒ ‾ ‾ ‾ (⌣ ‾‾)		
		3=Show tramlines, non-ligated	_ _ _ – – ‒ ‾ ‾ ‾ (⌣ ‾‾)		
Miscellaneous					
Literacy alternates (U+0061 U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+0101 U+0103 U+0105 U+01CE U+01DF U+01E1 U+01FB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA1 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EB7 U+2C65 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21)	1032	0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ǎ Ǟǟ Ǡǡ Ǻǻ Ȁȁ Ȃâ Ȧȧ Ąą ả Ạạ Ảả Ấấ Ầầ Ẩẩ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ặặ Ⱥⱥ Gg Ĝĝ Ğğ Ġġ Ģģ Ǧǧ Ǵǵ Ᵹᵹ Ḡḡ	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ǎ Ǟǟ Ǡǡ Ǻǻ Ȁȁ Ȃâ Ȧȧ Ąą ả Ạạ Ảả Ấấ Ầầ Ẩẩ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ặặ Ⱥⱥ Gg Ĝĝ Ğğ Ġġ Ģģ Ǧǧ Ǵǵ Ᵹᵹ Ḡḡ	R
		1=True	Aɑ Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ǎ Ǟǟ Ǡǡ Ǻǻ Ȁȁ Ȃâ Ȧȧ Ąą ả Ạạ Ảả Ấấ Ầầ Ẩẩ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ặặ Ⱥɑ Gg Ĝĝ Ğğ Ġġ Ģģ Ǧǧ Ǵǵ Ᵹᵹ Ḡḡ	Aɑ Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ǎ Ǟǟ Ǡǡ Ǻǻ Ȁȁ Ȃâ Ȧȧ Ąą ả Ạạ Ảả Ấấ Ầầ Ẩẩ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ặặ Ⱥɑ Gg Ĝĝ Ğğ Ġġ Ģģ Ǧǧ Ǵǵ Ᵹᵹ Ḡḡ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Barred-bowl forms (U+0111 U+0180 U+01E5)	1031	0=False	Đđ Ƀƀ Gg	ĐĐ ɃɃ GG	R
		1=True	Đđ Ƀƀ Gg	ĐĐ ɃɃ GG	
Slant italic specials (U+0061 U+00E3 U+00E0 U+00E1 U+00E2 U+00E4 U+00E5 U+0101 U+0103 U+01CE U+01DF U+01E1 U+01FB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EA1 U+1EB7 U+2C65 U+0250 U+00E6 U+0066 U+1E1F U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+012B U+012D U+012F U+01D0 U+0209 U+020B U+1E2D U+1E2F U+1EC9 U+1ECB U+0131 U+006C U+013A U+1E37 U+1E39 U+1E3B U+1E3D U+0076 U+1E7D U+1E7F U+007A U+017A U+017C U+017E U+1E91 U+1E93 U+1E95 U+0493 U+04FB U+F327)	1053	0=False	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăă Ăă Ā̃ā̃ Ā̄ā̄ Ấấ Ằã Ấâ Ȧȧ Ąą ả Ảả Ấấ Ằằ Ắẳ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ạạ Ặặ Ɐɐ ʋ Ææ Ff Ḟḟ Ii Ìì Íí Îî Ïï Ĩĩ Īī Ĭĭ Įį Ǐǐ Ỉỉ Îî Ịị Ḯḯ Ỉỉ Ịị Ịị Ll Ĺĺ Ḷḷ Ḹḹ Ḽḽ Ḻḻ Vv Ṽṽ Vᶌ Zz Źź Żż Žž Ẑẑ Ẓẓ Ẕẕ Ғғ Ҕҕ Ҕ̡ҕ	AA ÃÃ ÀÀ ÁÁ ÂÂ ÄÄ ÅÅ ĀĀ ĂĂ ĂĂ ĀĀ ĀĀ ẤẤ ẰẰ ÂÂ ȦȦ ĄĄ ả ẢẢ ẤẤ ẰẰ ẮẮ ẪẪ ẬẬ ẮẮ ẰẰ ẲẲ ẴẴ ẠẠ ẶẶ ⱭⱭ ʌ ÆÆ FF ḞḞ II ÌÌ ÍÍ ÎÎ ÏÏ ĨĨ ĪĪ ĬĬ ĮĮ ǏǏ ỈỈ ÎÎ ỊỊ ḮḮ ỈỈ ỊỊ II LL ĹĹ ḶḶ ḸḸ ḼḼ ḺḺ VV ṼṼ VᶌᶌV ZZ ŹŹ ŻŻ ŽŽ ẐẐ ẒẒ ẔẔ ҒҒ ҔҔ ҔҔ	R
		1=True	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăă Ăă Ā̃ā̃ Ā̄ā̄ Ấấ Ằã Ấâ Ȧȧ Ąą ả Ảả Ấấ Ằằ Ắẳ Ẫẫ Ậậ Ắắ Ằằ Ẳẳ Ẵẵ Ạạ Ặặ Ɐɐ ʋ Ææ Ff Ḟḟ Ii Ìì Íí Îî Ïï Ĩĩ Īī Ĭĭ Įį Ǐǐ Ỉỉ Îî Ịị Ḯḯ Ỉỉ Ịị Ịị Ll Ĺĺ Ḷḷ Ḹḹ Ḽḽ Ḻḻ Vv Ṽṽ Vᶌ Zz Źź Żż Žž Ẑẑ Ẓẓ Ẕẕ Ғғ Ҕҕ Ҕ̡ҕ	AA ÃÃ ÀÀ ÁÁ ÂÂ ÄÄ ÅÅ ĀĀ ĂĂ ĂĂ ĀĀ ĀĀ ẤẤ ẰẰ ÂÂ ȦȦ ĄĄ ả ẢẢ ẤẤ ẰẰ ẮẮ ẪẪ ẬẬ ẮẮ ẰẰ ẲẲ ẴẴ ẠẠ ẶẶ ⱭⱭ ʌ ÆÆ FF ḞḞ II ÌÌ ÍÍ ÎÎ ÏÏ ĨĨ ĪĪ ĬĬ ĮĮ ǏǏ ỈỈ ÎÎ ỊỊ ḮḮ ỈỈ ỊỊ II LL ĹĹ ḶḶ ḸḸ ḼḼ ḺḺ VV ṼṼ VᶌᶌV ZZ ŹŹ ŻŻ ŽŽ ẐẐ ẒẒ ẔẔ ҒҒ ҔҔ ҔҔ	
Non-European caron alternates (U+0165 U+010F U+013D U+013E)	1063	0=False	Ťť Ďď Ľľ	Ťť Ďď Ľľ	R
		1=True	Ťť Ďď Ľľ	Ťť Ďď Ľľ	
Ogonek alternate (U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED)	1043	0=Curved	anything with ̨ (Ąą Ęę Įį Ųų Ǫǫ Ǭǭ)	anything with ̨ (ĄĄ ĘĘ ĮĮ ŲŲ ǪǪ ǬǬ)	R
		1=Straight	anything with ̨ (Ąą Ęę Įį Ųų Ǫǫ Ǭǭ)	anything with ̨ (ĄĄ ĘĘ ĮĮ ŲŲ ǪǪ ǬǬ)	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Capital B-hook alternate (U+0181)	1064	0=False	Ƃɓ	Ƃʙ	R
		1=True	Ɓɓ	Ɓʙ	
Rams horn alternates (U+0264)	1025	0=Small bowl	ɤ	Small capitals are not available as there is no uppercase equivalent	R
		1=Large bowl	ɤ		
		2=Small gamma	ɤ		
Capital H-stroke alternate (U+0126)	1038	0=Horizontal stroke	Ħħ	Ħʜ	R
		1=Vertical stroke	Ħħ	Ħʜ	
J stroke hook alternate (U+0284)	1049	0=No serif	ʄ	Small capitals are not available as there is no uppercase equivalent	R
		1=Top serif	ʄ		
Uppercase Eng alternates (U+014A)	1024	0= Large eng with descender	Ŋŋ	Ŋŋ	R
		1=Large eng on baseline	Ŋŋ	Ŋɴ	
		2=Capital N with tail	Ŋŋ	Ŋɴ	
		3=Large eng with short stem	Ŋŋ	Ŋɴ	
Capital N-left-hook alternate (U+019D)	1035	0=Uppercase style	Ɲɲ	Ɲɴ	R
		1=Lowercase style	Ɲɲ	Ɲɲ	
Open o alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	1059	0=Bottom serif	Ɔɔ ᴐ ᵓ ⱷ	Ɔɔ ᴐ ᵓ ⱷ	R
		1=Top serif	Ɔɔ ᴐ ᵓ ⱷ	Ɔɔ ᴐ ᵓ ⱷ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Small p-hook alternate (U+01A5)	1040	0=Left hook	Pƥ	Pᴘ	R
		1=Right hook	Pƥ	Pᴘ	
Capital R-tail alternate (U+2C64)	1039	0=Uppercase style	Rɼ	Rʀ	R
		1=Lowercase style	ɼɼ	ɼɼ	
Capital T-hook alternate (U+01AC)	1037	0=Left hook	Tƭ	Tᴛ	R
		1=Right hook	Tƭ	Tᴛ	
V-hook alternates (U+01B2 U+028B)	1033	0=Curved	Ʋʋ	Ʋʋ	R
		1=Straight left	Ʋʋ	Ʋʋ	
		2=Straight left high hook	Ʋʋ	Ʋʋ	
Capital Y-hook alternate (U+01B3)	1034	1=Right hook	Yƴ	Yʏ	R
		0=Left hook	Yƴ	Yʏ	
Small ezh-curl alternate (U+0293)	1036	0=Small bowl	ʓ	Small capitals are not available as there is no uppercase equivalent	
		1=Large bowl	ʓ		
Capital Ezh alternates (U+01B7 U+04E0)	1042	0=Normal	Ʒʒ Ӡӡ	Ʒʒ Ӡӡ	R
		1=Reversed sigma	Ʒʒ Ӡӡ	Ʒʒ Ӡӡ	
OU alternates (U+0222 U+0223)	1045	0=Closed	Ȣȣ	Ȣȣ	R
		1=Open	Ȣȣ	Ȣȣ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	1044	0=Small	ʼ Ꞌꞌ	Small capitals are not available	R
		1=Large	ʼ Ꞌꞌ		
Modifier colon alternate (U+A789)	1047	0=Tight	꞉	Small capitals are not available as there is no uppercase equivalent	R
		1=Wide	꞉		
Empty set alternates (U+2205)	1046	0=Circle	∅	Small capitals are not available as there is no uppercase equivalent	R
		1=Zero	Ø		
Show invisible characters (U+00AD U+034F U+200B U+200C U+200D U+200E U+200F U+202A U+202B U+202C U+202D U+202E U+2060 U+2061 U+2062 U+2063 U+FE00 U+FE01 U+FE02 U+FE03 U+FE04 U+FE05 U+FE06 U+FE07 U+FE08 U+FE09 U+FE0A U+FE0B U+FE0C U+FE0D U+FE0E U+FE0F U+FEFF)	1030	0=False		Small capitals are not available as there is no uppercase equivalent	R
		1=True	[invisible character glyphs shown: CGJ, ZWNJ, ZWJ, LRM, RLM, LRE, RLE, PDF, LRO, RLO, VS8, VS7, VS6, VS5, VS4, VS3, VS2, VS1, X, F(), VS16, VS15, VS14, VS13, VS12, VS11, VS10, VS9, ZWNBSP]		
Diacritic selection	1051	0=False 1=True	Allows independent selection of diacritics (rather than the base **plus** diacritic).		G
Small capitals	1058	0=False 1=True	a b c d e f g h i j k l m n o p q r s t u v w x y z à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ø ù ú û ü ý þ ÿ ā ă ą ć ĉ ċ č ď đ ē ĕ ė ę ě ĝ ğ ġ ĥ ħ ĩ ī ĭ ı ij ĵ ķ ĺ ļ ľ l· ł ń ņ ň ŋ ō ŏ ő œ ŕ ŗ ř ŝ ş š ţ ť ŧ ũ ū ŭ ů ű ų ŵ ŷ ź ż ž ƀ Ƅ b ƈ ɗ ƒ ƕ ƙ ł ŋ ơ ƣ β ƨ ƒ ƴ z ƹ ƽ ƿ Dž dž Lj lj Nj nj ǎ ǐ ǒ ǔ ǖ ǘ ǚ ǜ ə ǟ ǡ ǣ g ǧ ǩ ǫ ǭ ǯ Dz dz ǵ ǹ ǻ ǽ ǿ ȁ ȃ ȅ ȇ ȉ ȋ ȍ ȏ ȑ ȓ ȕ ȗ ş ţ ȝ ȟ	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ð Ñ Ò Ó Ô Õ Ö Ø Ù Ú Û Ü Ý Þ Ÿ Ā Ă Ą Ć Ĉ Ċ Č Ď Đ Ē Ĕ Ė Ę Ě Ĝ Ğ Ġ Ĥ Ħ Ĩ Ī Ĭ Į I IJ Ĵ Ķ Ĺ Ļ Ľ L· Ł Ń Ņ Ň Ŋ Ō Ŏ Ő Œ Ŕ Ŗ Ř Ŝ Ş Š Ţ Ť Ŧ Ũ Ū Ŭ Ů Ű Ų Ŵ Ŷ Ź Ż Ž Ƀ Ƅ b Ƈ Ɗ Ƒ Ƕ Ƙ Ł Ŋ Ơ Ƣ Ρ Ƨ Ƽ Ƭ Ƴ Z Ƹ Ƽ Ƿ DŽ DŽ LJ LJ NJ NJ Ǎ Ǐ Ǒ Ǔ Ǖ Ǘ Ǚ Ǜ Ə Ǟ Ǡ Ǣ G Ǧ Ǩ Ǫ Ǭ Ǯ DZ DZ Ǵ Ǹ Ǻ Ǽ Ǿ Ȁ Ȃ Ȅ Ȇ Ȉ Ȋ Ȍ Ȏ Ȑ Ȓ Ȕ Ȗ Ş Ţ Ȝ Ȟ	R

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
			ȣ z ȧ ȩ ȫ ȭ ȯ ȱ ȳ ȼ ɀ ɇ ɉ ɋ ɍ ɏ ɐ ɓ ɔ ɗ ə ɛ ɠ ɣ ɨ ɩ ł ɯ ɰ ɲ ɵ ɽ ʁ ʃ ʈ ʉ ʊ ʌ ʒ ⱳ ⱥ b̄ ƀ b̲ ć d́ ḋ ḓ d̄ è é ę ě f̄ ḡ h́ ḣ ḧ ḩ ḥ í k̄ ḱ ḵ l̀ l̄ ḻ ĺ ḿ ṁ m̄ ṅ ņ ṉ ṋ ő ȍ ȏ ȯ ő ṕ ṗ ŕ ȑ ȓ ṟ ṡ ś š ṣ ṭ t̄ ṯ ṱ ṳ ụ ʉ ű ü ṽ v̄ ẁ ẃ ẅ ẇ ẉ ẋ ẍ ẏ ẑ ẓ ẕ ą å á à å ã â á ā ä à ȧ ã ă ę é ē é è ê ê ị ị ọ ó ô ố ô õ ộ ớ ờ ở ỡ ợ ụ ủ ứ ừ ử ữ ự ỳ ỵ ỷ ỹ ʭ ƅ ɤ ł ⱥ ɽ ħ ķ z ⱳ ƕ ɦ ʧ ɛ ꝗ ꝗ ꜳ ꜵ ꝁ ꝏ ' а б в г д е ж з и й к л м н о п р с т у ф х ц ч ш щ ъ ы ь э ю я ѐ ё ђ ѓ є ѕ і ї ј љ њ ћ ќ ѝ ў џ ѡ ѳ ѵ ѝ ъ р г ғ ҕ ж з қ к ҡ ң н ҥ ѡ ҫ ү ұ ҳ ҵ ҷ ҹ һ е ҽ ҿ ӂ ӄ л ҥ ҷ м ӏ ӑ ӓ ӕ ӗ ә ӛ ӝ ӟ ӡ ӣ ӥ ӧ ө ӫ ӭ ӯ ӱ ӳ ӵ ӷ ӹ ғ х ꙁ ꙃ ꙗ ꙟ ꙣ ꙭ ꙮ � ꙅ є лх ꙸ ꙥ ꙉ q w к љ њ	ȣ z ȧ ȩ ȫ ȭ ȯ ȱ ȳ ȼ ʔ ɇ ɉ ɋ ɍ ꓥ ɑ ʙ ɔ c ə ɛ ɢ ʏ ɪ ɪ ł ᴡ ᴎ ɴ ɵ ʀ ʀ Σ ᴛ ʊ ʊ ᴜ ᴧ ʒ ᴘ ᴀ ʙ̄ ʙ̲ ᴄ́ ᴅ́ ᴅ̇ ᴅ̣ ᴅ̲ ᴅ̄ ᴇ̀ ᴇ́ ᴇ̧ ᴇ̌ ꜰ̄ ɢ̄ ʜ́ ʜ̇ ʜ̈ ʜ̧ ʜ̲ ɪ́ ᴋ̄ ᴋ́ ᴋ̲ ʟ̀ ʟ̄ ʟ̲ ʟ́ ᴍ́ ᴍ̇ ᴍ̄ ɴ̇ ɴ̧ ɴ̲ ɴ̣ ᴏ́ ᴏ̋ ᴏ̑ ᴏ̇ ᴏ̋ ᴘ́ ᴘ̇ ʀ́ ʀ̑ ʀ̄ ʀ̲ ꜱ̇ ꜱ́ ꜱ̌ ꜱ̣ ᴛ̇ ᴛ́ ᴛ̲ ᴛ̧ ᴜ̇ ᴜ̣ ᴜ̨ ᴜ̋ ᴜ̈ ᴠ̃ ᴠ̄ ᴡ̀ ᴡ́ ᴡ̈ ᴡ̇ ᴡ̣ ᴄ̇ ᴄ̈ ʏ́ ᴢ̂ ᴢ̣ ᴢ̲ ᴀ̨ ᴀ̊ ᴀ́ ᴀ̀ ᴀ̊ ᴀ̃ ᴀ̂ ᴀ́ ᴀ̄ ᴀ̈ ᴀ̀ ᴀ̇ ᴀ̃ ᴀ̆ ᴇ̨ ᴇ̇ ᴇ̄ ᴇ́ ᴇ̀ ᴇ̂ ᴇ̂ ɪ̇ ɪ̣ ᴏ̣ ᴏ́ ᴏ̂ ᴏ̂ ᴏ̃ ᴏ̣ ᴏ́ ᴏ̀ ᴏ̉ ᴏ̃ ᴏ̧ ᴜ̣ ᴜ̉ ᴜ̋ ᴜ̀ ᴜ̉ ᴜ̃ ᴜ̣ ʏ̀ ʏ̣ ʏ̉ ʏ̃ ʟʟ 6 ʏ ł ᴧ ᴦ ħ ᴋ ᴢ ᴡ ꜰ ʜ ꝛ ɛ ꝗ ꝗ ᴀᴀ ᴀᴏ ᴋ ᴏᴏ ' А Б В Г Д Е Ж З И Й К Л М Н О П Р С Т У Ф Х Ц Ч Ш Щ Ъ Ы Ь Э Ю Я Ѐ Ё Ђ Ѓ Є Ѕ І Ї Ј Љ Њ Ћ Ќ Ѝ Ў Џ Ѡ Ѳ Ѵ Ѝ Ъ Р Г Ғ Ҕ Ж З Қ К Ҡ Ң Н Ҥ Ѡ Ҫ Ү Ұ Ҳ Ҵ Ҷ Ҹ Һ Е Ҽ Ҿ Ӂ Ӄ Л Ҥ Ҷ М Ӏ Ӑ Ӓ Ӕ Ӗ Ә Ӛ Ӝ Ӟ Ӡ Ӣ Ӥ Ӧ Ө Ӫ Ӭ Ӯ Ӱ Ӳ Ӵ Ӷ Ӹ Ғ Х Ꙁ Ꙃ Ꙗ Ꙟ Ꙣ Ꙭ � Ꙅ Є ЛХ Ꙥ Ꙉ Q W К Љ Њ	
Show deprecated PUA	1077	0=None	∣ ∣ ◌̦ ◌̋ ◌̑ ◌̂ ◌̌ ◌̃ ◌͡ ◌̧ ◌̃ ᵐ ⁿ ŋ ᴣ ` ´ ˊ ˋ ¯ ˷ ↑ ↓ ! ! ¡ ɒ c ꜰ ᵷ ᵻ ɪ ᴊ ⌇ ᶒ ʃ ᵾ ᵿ ᴜ ᵚ ᴧ ᴢ ᴢ ᴣ ᴄ ð ᴗ ᴊ ᴊ ᴌ ᵯ ᵰ ᵰ ᴎ ᶈ ᶋ ᵵ ᴠ ᴢ̧ ? θ ʟ ᵻ ᵿ ⌐ ├ ┤ └ ⌐ ┤ ┤ ⌐ ├ · ┤ ┤ ⌐ ┤ · ⌐ · ⌐ ⌐ ᵓ ᵹ ᵌ ᵊ ᵌ ᵌ ˋ ^ ˇ : = ɑ ʙ ȼ đ ǂ ł ᴘ q Q ꜰ ʀ ʀ ʃ ᴜ ᴧ ꙡ ᴡ ᴢ ' ʔ ł ȼ ᴇ̌ ħ ʜ ᵬ ᵭ ꝼ ᵷ ᵬ ᴌ ᵯ ᵰ ᵽ ᵲ ꜱ ꙅ ᵿ ᴠ ᴢ ᴀ ᴄ ᴇ ᴇ̧ ᴣ ᵊ ị ᵌ ᴜ ᵾ ᴔ ᶂ ᶋ ł ʏ ʏ ɛ ꝗ ƀ đ f ꜳ ɴ ᴘ ʀ ꜰ s ᴢ ɪ ᴜ ꜱ ʒ ħ ᴍ ᴘ ᴊ ᴠ v j ᴊ ᴋ ᴋ z z ' ᴦ ɣ ᴌ л ᴋ x ᴋ x ᴇ ɛ	Small capitals are available for a limited set: ȼ ᴌ ᴘ ꝗ ꝗ ʀʀ ᴡᴡ ' ʔ ᴇ̌ʜ ʜ ʏʏ ɛ ꝗ ʜ ᴊᴊ ᴋᴋ ᴢᴢ ᴦᴦ ᴊᴊ ᴋᴋ ᴋᴋ ɛɛ	R

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
		1=Through Unicode 4.0		Small capitals do not work properly with this feature	
		2=Through Unicode 4.1			
		3=Through Unicode 5.0			

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
		4=Through Unicode 5.1	*(glyph sample display)*		
Other feature interactions					
Vietnamese-style diacritics + Literacy alternates	1029 + 1032	True	Ấấ Ầà Ẩẩ Ẫã Ấấ Ằà Ẳẳ Ẵẵ Ếế Ềè Ểể Ễễ Ốố Ồò Ổổ Ỗỗ	ẤẤ ẦÀ ẨẨ ẪÃ ẤẤ ẰÀ ẲẲ ẴÃ ẾẾ ỀÈ ỂỂ ỄỄ ỐỐ ỒÒ ỔỔ ỖỖ	R
Vietnamese-style diacritics + Slant italic specials	1029 + 1053	True	*Ấấ Ầà Ẩẩ Ẫã Ấấ Ằà Ẳẳ Ếế Ềè Ểể Ễễ Ốố Ồò Ổổ Ỗỗ*	*ẤẤ ẦÀ ẨẨ ẪÃ ẤẤ ẰÀ ẲẲ ẴÃ ẾẾ ỀÈ ỂỂ ỄỄ ỐỐ ỒÒ ỔỔ ỖỖ*	R
Vietnamese-style diacritics + Literacy alternates + Slant italic specials (Literacy alternates take precedent over Slant italic specials)	1029 + 1032 + 1053	True	*Ấấ Ầà Ẩẩ Ẫã Ấấ Ằà Ẳẳ Ẵẵ Ếế Ềè Ểể Ễễ Ốố Ồò Ổổ Ỗỗ*	*ẤẤ ẦÀ ẨẨ ẪÃ ẤẤ ẰÀ ẲẲ ẴÃ ẾẾ ỀÈ ỂỂ ỄỄ ỐỐ ỒÒ ỔỔ ỖỖ*	R
Literacy alternates + Slant italic specials (Literacy alternates take precedent over Slant italic specials)	1032 + 1053	True	*Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ǎǎ Ā̆ā̆ Ā̄ā̄ Ấấ Ằà Ââ Ȧȧ Ąą ̇ Ạạ Ảả Ấấ Àà Ẩẩ Ẫã Ậậ Ấấ Ằà Ẳẳ Ẵã Ặặ Ꞵ Gg Ĝĝ Ğğ Ġġ Ģģ Ǧǧ Ǵǵ Ꝿ Ḡḡ*	*AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ǍǍ Ā̆Ā̆ Ā̄Ā̄ ẤẤ ẰÀ ÂÂ ȦȦ ĄĄ ̇ ẠẠ ẢẢ ẤẤ ẦÀ ẨẨ ẪÃ ẬẬ ẤẤ ẦÀ ẲẲ ẴÃ ẶẶ Ꞵ GG ĜĜ ĞĞ ĠĠ ĢĢ ǦǦ ǴǴ Ꝿ ḠḠ*	R