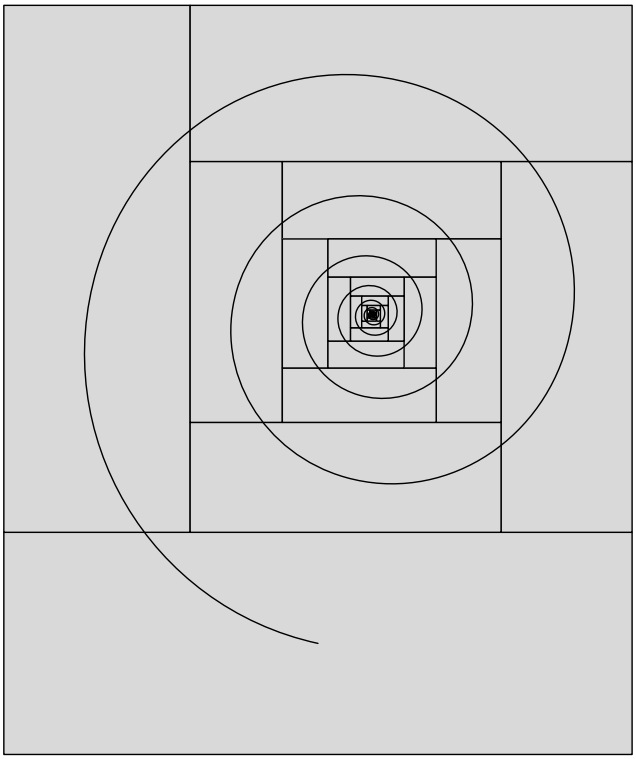
B. Jackowski, J. M. Nowacki, et al.



TEX Gyre Adventor

THE TECHNICAL DOCUMENTATION OF THE FONT

Welcome to the TEX Gyre Project

The text below is a slightly modified small excerpt from the article "The New Font Project: TEX Gyre" by Hans Hagen, NTG, Jerzy Ludwichowski, GUST, and Volker RW Schaa, DANTE e.V. (http://www.gust.org.pl/projects/e-foundry/tex-gyre/tb87hagen-gyre.pdf). The article was written in 2006. It presents in detail the origin and scope of the TEX Gyre Project, as well as the then existing plans for its future.

The TEX Gyre Project is a brainchild of Hans Hagen, triggered mainly by the very good reception of the Latin Modern (LM) font project by the TEX community.

The aim is to prepare a set of families of fonts, where each font comprises a broad repertoire of Latin diacritical characters, based on the freely available good quality fonts distributed with Ghostscript. The main transformation will be an "LM-ization" of the fonts, i.e., providing as many diacritical characters per font as were prepared for the Latin Modern font package (ca. 400 diacritical characters, total—nearly 1200) with the aim to cover all European languages as well as some non-European ones (Vietnamese, Navajo).

The idea was suggested by the pdfTEX development team. Their proposal triggered a lively discussion by an informal group of representatives of several TEX user groups—notably Karl Berry (TUG), Hans Hagen (NTG), Jerzy Ludwichowski (GUST), Volker RW Schaa (DANTE)—who suggested that we should approach this project as a research, technical and implementation team, and promised their help in taking care of promotion, integration, supervising and financing.

Since the character sets provided are to be (almost) identical, such "LM-ized" fonts should work with all the TEX packages that the LM fonts work with, which will ease their integration and adoption. The results will be distributed, like the LM fonts, in the form of PostScript Type 1 fonts, OpenType fonts, MetaType1 sources and the supporting TEX machinery.

We emphasize that the preparing of fonts in the OpenType format is an important aspect of the project. OpenType fonts are becoming more and more popular, they are Unicode-based, can be used on various platforms and claim to be a replacement for Type 1 and TrueType fonts. Moreover, Type 1 fonts were declared obsolete by Adobe a few years ago.

Since the TFM format is restricted to 256 distinct character widths, it will still be necessary to prepare multiple metric and encoding files for each font. We look forward to an extended TFM format which will lift this restriction and, in conjunction with Open-Type, simplify delivery and usage of fonts with TEX. We especially look forward to assistance from pdfTEX users, because the pdfTEX team is working on the implementation on the support for OpenType fonts.

An important consideration from Hans Hagen: "In the end, even Ghostscript will benefit, so I can even imagine those fonts ending up in the Ghostscript distribution."

A coverage note

As was said before, the TEX Gyre project, following the Latin Modern project, aims at providing a rich collection of diacritical characters in the attempt to cover as many Latin-based scripts as possible. To our knowledge, the repertoire of characters covers all European languages as well as some other Latin-based alphabets such as Vietnamese and Navajo. We have frequently used the information presented by Michael Everson at the "The Alphabets of Europe" (http://www.evertype.com/alphabets/) web site. If you know about European languages that are not covered completely or if some glyphs have apparently wrong shapes—please let us know.

Although we provide Greek glyphs, it should be stressed that they bear only a provisional character. That said, we hope to be able to improve the situation in one of the later stages of development.

OpenType Layout features found in TEX Gyre Adventor

script = 'DFLT'
language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

script = 'cyrl'
language = <default>
features = 'liga' 'size'

script = 'latn'
language = 'AZE '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'CRT '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'MOL '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'locl' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'NLD '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'PLK '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'ROM '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'locl' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = 'TRK '
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = 'aalt' 'c2sc' 'ccmp' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'smcp' 'ss01' 'ss02' 'ss03' 'ss04' 'ss10' 'tnum' 'zero' 'cpsp' 'kern' 'mark' 'mkmk' 'size'

language = <default>
features = ’aalt’ ’c2sc’ ’ccmp’ ’dlig’ ’frac’ ’liga’ ’lnum’ ’onum’ ’pnum’ ’salt’ ’smcp’ ’ss01’ ’ss02’ ’ss03’ ’ss04’ ’ss10’ ’tnum’ ’zero’ ’cpsp’ ’kern’ ’mark’ ’mkmk’ ’size’

language = <default>
features = ’aalt’ ’c2sc’ ’ccmp’ ’dlig’ ’frac’ ’liga’ ’lnum’ ’onum’ ’pnum’ ’salt’ ’smcp’ ’ss01’ ’ss02’ ’ss03’ ’ss04’ ’ss10’ ’tnum’ ’zero’ ’cpsp’ ’kern’ ’mark’ ’mkmk’ ’size’

language = <default>
features = ’aalt’ ’c2sc’ ’ccmp’ ’dlig’ ’frac’ ’liga’ ’lnum’ ’onum’ ’pnum’ ’salt’ ’smcp’ ’ss01’ ’ss02’ ’ss03’ ’ss04’ ’ss10’ ’tnum’ ’zero’ ’cpsp’ ’kern’ ’mark’ ’mkmk’ ’size’

CS (CS TUG), ‘cs-’
EC (Cork aka T1), ‘ec-’
L7x (Lithuanian), ‘l7x-’
RM (‘‘regular math’’), ‘rm-’
QX (GUST), ‘qx-’
T5 (Vietnamese), ‘t5-’
TEX’n’ANSI, (aka LY1 aka Y&Y), ‘texnansi-’
TS1 (text companion), ‘ts1-’.

All encodings listed above but TS1 have a small caps companion variant, marked with posfix ‘-sc’.

Supported Unicode Blocks

0020--007F Basic Latin
00A0--00FF Latin-1 Supplement
0100--017F Latin Extended-A
0180--024F Latin Extended-B
0250--02AF IPA Extensions
02B0--02FF Spacing Modifier Letters
0300--036F Combining Diacritical Marks
0370--03FF Greek and Coptic
0E00--0E7F Thai
1E00--1EFF Latin Extended Additional
2000--206F General Punctuation
20A0--20CF Currency Symbols
20D0--20FF Combining Diacritical Marks for Symbols
2100--214F Letterlike Symbols
2190--21FF Arrows
2200--22FF Mathematical Operators
2300--23FF Miscellaneous Technical
2400--243F Control Pictures
2500--257F Box Drawing
2580--259F Block Elements
25A0--25FF Geometric Shapes
2600--26FF Miscellaneous Symbols
2700--27BF Dingbats
27F0--27FF Supplemental Arrows-A
2900--297F Supplemental Arrows-B
3000--303F CJK Symbols and Punctuation
E000--F8FF Private Use Area
FB00--FB4F Alphabetic Presentation Forms

Supported Windows Code Pages

IBM775 (Baltic -- DOS)
IBM852 (Central European, Latin 2 -- DOS)
IBM857 (Turkish -- DOS)

```
IBM860 (Portuguese -- DOS)
IBM861 (Icelandic -- DOS)
IBM863 (French Canadian -- DOS)
IBM865 (Nordic -- DOS)
Windows-1250 (Central European -- Windows)
Windows-1252 (Western European, Latin 1 -- Windows)
Windows-1254 (Turkish -- Windows)
Windows-1257 (Baltic -- Windows)
Windows-1258 (Vietnamese -- Windows)
Macintosh (Western European -- Mac)
```

TEX Gyre Adventor Families

"TeX Gyre Adventor" -> 0369µ OThamburgefionst

"TeX Gyre Adventor/B" -> **0369µ OThamburgefionst**

"TeX Gyre Adventor/BI" -> ***0369µ OThamburgefionst***

"TeX Gyre Adventor:+smcp" -> 0369µ OTHAMBURGEFIONST

"TeX Gyre Adventor/I:+smcp" -> *0369µ OTHAMBURGEFIONST*

"TeX Gyre Adventor/B:+smcp" -> **0369µ OTHAMBURGEFIONST**

"TeX Gyre Adventor/BI:+smcp" -> ***0369µ OTHAMBURGEFIONST***

Examples of the OTF features of TEX Gyre Adventor

"TeX Gyre Adventor:-cpsp" / "WARSZAWA VAT" -> WARSZAWA VAT

"TeX Gyre Adventor:+cpsp" / "WARSZAWA VAT" -> WARSZAWA VAT

"TeX Gyre Adventor:-kern" / "WARSZAWA VAT" -> WARSZAWA VAT

"TeX Gyre Adventor:+kern" / "WARSZAWA VAT" -> WARSZAWA VAT

"TeX Gyre Adventor:+c2sc" / "1234 ABC abcflffi" -> 1234 ABC abcflffi

"TeX Gyre Adventor:+tnum" / "0123456789 ABC abc" -> 0123456789 ABC abc

"TeX Gyre Adventor:+pnum" / "0123456789 ABC abc" -> 0123456789 ABC abc

"TeX Gyre Adventor:+onum" / "0123456789 ABC abc" -> 0123456789 ABC abc

"TeX Gyre Adventor:+zero" / "01234 ABC abc" -> 01234 ABC abc

"TeX Gyre Adventor:+frac" / "01/23/4 ABC abc" -> 01⁄23⁄4 ABC abc

"TeX Gyre Adventor/I:-ss10" / "a=f(x)+g[y]-{z}" -> *a=f(x)+g[y]−{z}*

"TeX Gyre Adventor/I:+ss10" / "a=f(x)+g[y]-{z}" -> *a=f(x)+g[y]−{z}*

"TeX Gyre Adventor:-salt" / "Ī ī ε π φ ϴ ¶ ® ©" -> Ī ī ε π φ ϴ ¶ ® ©

"TeX Gyre Adventor:+salt" / "Ī ī ε π φ ϴ ¶ ® ©" -> Ī ī ϵ ϖ ϕ ϑ ¶ ® ©

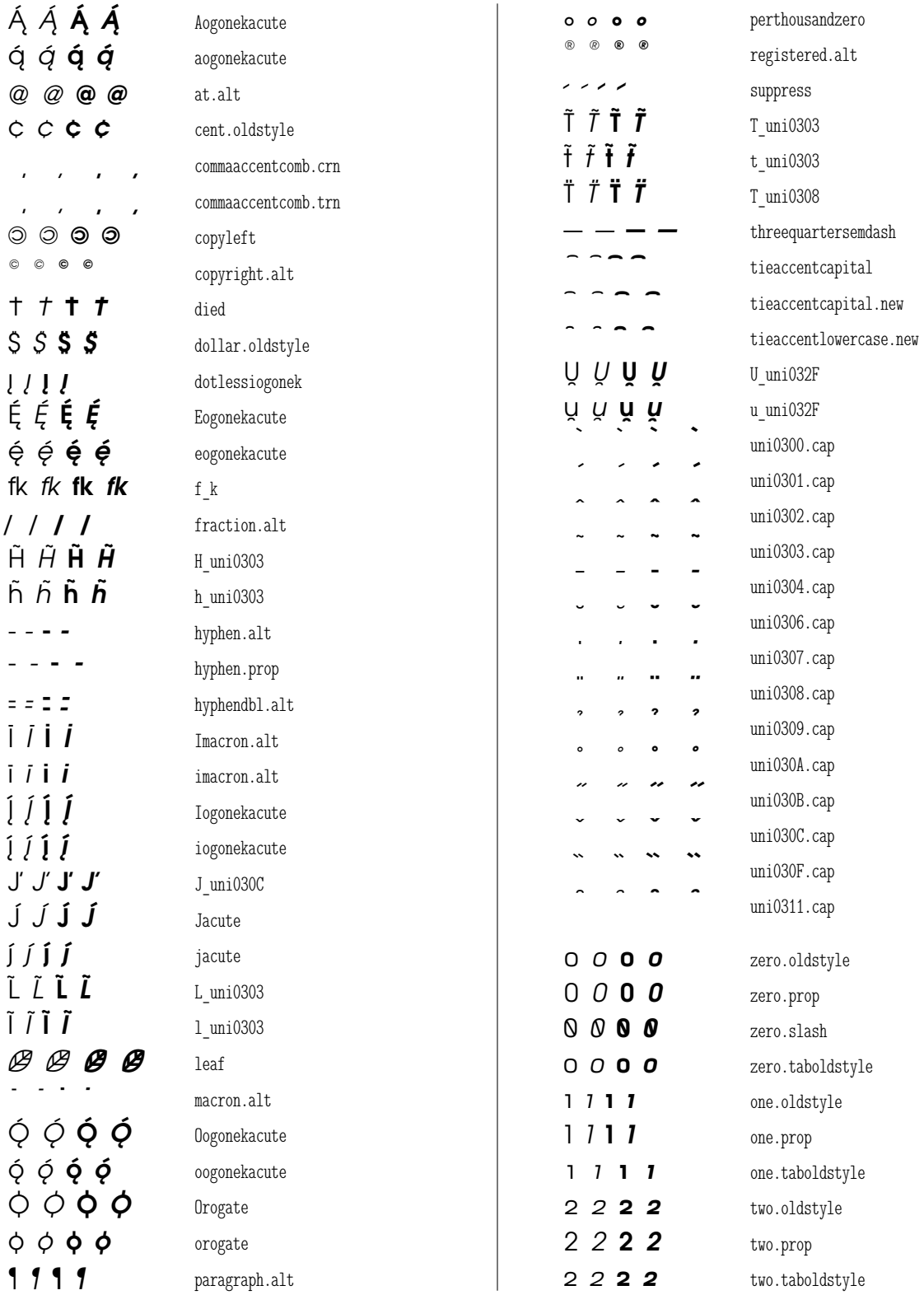
"TeX Gyre Adventor" / "\char"015E \char"015F" -> Ş ş

"TeX Gyre Adventor:language=ROM,+locl" / "\char"015E \char"015F" -> Ş ş

The repertoire of glyphs of TEX Gyre Adventor (OTF)

Each subcolumn contains: unicode number (if present, i.e., starting from the section no. 1, "Standard low unicodes 0020 . . 007E), glyphs from the OTF files in all variants, the OTF name or the OTF name placed above the Type 1 name (if they differ). The OTF names of glyphs present in the Type 1 files but missing (for various reasons) from the respective OTF files are marked with three dashes, ---. Their forms are not shown. This situation should not be confused with the situation when the relevant glyphs are just blank (invisible) characters, e.g., glyphs 2000 . . 200D.

0. No unicodes



3 *3* **3** ***3*** three.oldstyle
3 *3* **3** ***3*** three.prop
3 *3* **3** ***3*** three.taboldstyle
4 *4* **4** ***4*** four.oldstyle
4 *4* **4** ***4*** four.prop
4 *4* **4** ***4*** four.taboldstyle
5 *5* **5** ***5*** five.oldstyle
5 *5* **5** ***5*** five.prop
5 *5* **5** ***5*** five.taboldstyle
6 *6* **6** ***6*** six.oldstyle
6 *6* **6** ***6*** six.prop
6 *6* **6** ***6*** six.taboldstyle
7 *7* **7** ***7*** seven.oldstyle
7 *7* **7** ***7*** seven.prop
7 *7* **7** ***7*** seven.taboldstyle
8 *8* **8** ***8*** eight.oldstyle
8 *8* **8** ***8*** eight.prop
8 *8* **8** ***8*** eight.taboldstyle
9 *9* **9** ***9*** nine.oldstyle
9 *9* **9** ***9*** nine.prop
9 *9* **9** ***9*** nine.taboldstyle

A *A* **A** ***A*** a.sc
Á *Á* **Á** ***Á*** aacute.sc
Ă *Ă* **Ă** ***Ă*** abreve.sc
Ắ *Ắ* **Ắ** ***Ắ*** abreveacute.sc
Ặ *Ặ* **Ặ** ***Ặ*** abrevedotbelow.sc
Ằ *Ằ* **Ằ** ***Ằ*** abrevegrave.sc
Ẳ *Ẳ* **Ẳ** ***Ẳ*** abrevehookabove.sc
Ẵ *Ẵ* **Ẵ** ***Ẵ*** abrevetilde.sc
Ǎ *Ǎ* **Ǎ** ***Ǎ*** acaron.sc
Â *Â* **Â** ***Â*** acircumflex.sc
Ấ *Ấ* **Ấ** ***Ấ*** acircumflexacute.sc
Ậ *Ậ* **Ậ** ***Ậ*** acircumflexdotbelow.sc
Ầ *Ầ* **Ầ** ***Ầ*** acircumflexgrave.sc
Ẩ *Ẩ* **Ẩ** ***Ẩ*** acircumflexhookabove.sc
Ẫ *Ẫ* **Ẫ** ***Ẫ*** acircumflextilde.sc
Ȁ *Ȁ* **Ȁ** ***Ȁ*** adblgrave.sc
Ä *Ä* **Ä** ***Ä*** adieresis.sc
Ạ *Ạ* **Ạ** ***Ạ*** adotbelow.sc
Æ *Æ* **Æ** ***Æ*** ae.sc
Ǽ *Ǽ* **Ǽ** ***Ǽ*** aeacute.sc
À *À* **À** ***À*** agrave.sc
Ả *Ả* **Ả** ***Ả*** ahookabove.sc
Ā *Ā* **Ā** ***Ā*** amacron.sc

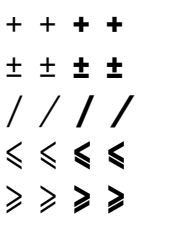
Ą *Ą* **Ą** ***Ą*** aogonek.sc
Ą́ *Ą́* **Ą́** ***Ą́*** aogonekacute.sc
Å *Å* **Å** ***Å*** aring.sc
Ǻ *Ǻ* **Ǻ** ***Ǻ*** aringacute.sc
Ã *Ã* **Ã** ***Ã*** atilde.sc
B *B* **B** ***B*** b.sc
C *C* **C** ***C*** c.sc
Ć *Ć* **Ć** ***Ć*** cacute.sc
Č *Č* **Č** ***Č*** ccaron.sc
Ç *Ç* **Ç** ***Ç*** ccedilla.sc
Ĉ *Ĉ* **Ĉ** ***Ĉ*** ccircumflex.sc
Ċ *Ċ* **Ċ** ***Ċ*** cdotaccent.sc
D *D* **D** ***D*** d.sc
Ď *Ď* **Ď** ***Ď*** dcaron.sc
Đ *Đ* **Đ** ***Đ*** dcroat.sc
Ḍ *Ḍ* **Ḍ** ***Ḍ*** ddotbelow.sc
Ḏ *Ḏ* **Ḏ** ***Ḏ*** dlinebelow.sc
I *I* **I** ***I*** dotlessi.sc
J *J* **J** ***J*** dotlessj.sc
E *E* **E** ***E*** e.sc
É *É* **É** ***É*** eacute.sc
Ĕ *Ĕ* **Ĕ** ***Ĕ*** ebreve.sc
Ě *Ě* **Ě** ***Ě*** ecaron.sc
Ê *Ê* **Ê** ***Ê*** ecircumflex.sc
Ế *Ế* **Ế** ***Ế*** ecircumflexacute.sc
Ệ *Ệ* **Ệ** ***Ệ*** ecircumflexdotbelow.sc
Ề *Ề* **Ề** ***Ề*** ecircumflexgrave.sc
Ể *Ể* **Ể** ***Ể*** ecircumflexhookabove.sc
Ễ *Ễ* **Ễ** ***Ễ*** ecircumflextilde.sc
Ȅ *Ȅ* **Ȅ** ***Ȅ*** edblgrave.sc
Ë *Ë* **Ë** ***Ë*** edieresis.sc
Ė *Ė* **Ė** ***Ė*** edotaccent.sc
Ẹ *Ẹ* **Ẹ** ***Ẹ*** edotbelow.sc
È *È* **È** ***È*** egrave.sc
Ẻ *Ẻ* **Ẻ** ***Ẻ*** ehookabove.sc
Ē *Ē* **Ē** ***Ē*** emacron.sc
Ŋ *Ŋ* **Ŋ** ***Ŋ*** eng.sc
Ę *Ę* **Ę** ***Ę*** eogonek.sc
Ę́ *Ę́* **Ę́** ***Ę́*** eogonekacute.sc
Ǝ *Ǝ* **Ǝ** ***Ǝ*** ereversed.sc
Ð *Ð* **Ð** ***Ð*** eth.sc
Ẽ *Ẽ* **Ẽ** ***Ẽ*** etilde.sc
Ǝ *Ǝ* **Ǝ** ***Ǝ*** eturned.sc
F *F* **F** ***F*** f.sc

Ɠ Ɠ **Ɠ** ***Ɠ*** g.sc
Ǵ Ǵ **Ǵ** ***Ǵ*** gacute.sc
Ğ Ğ **Ğ** ***Ğ*** gbreve.sc
Ǧ Ǧ **Ǧ** ***Ǧ*** gcaron.sc
Ĝ Ĝ **Ĝ** ***Ĝ*** gcircumflex.sc
Ģ Ģ **Ģ** ***Ģ*** gcommaaccent.sc
Ġ Ġ **Ġ** ***Ġ*** gdotaccent.sc
SS *SS* **SS** ***SS*** germandbls.sc
H *H* **H** ***H*** h.sc
H̃ *H̃* **H̃** ***H̃*** h_uni0303.sc
Ħ *Ħ* **Ħ** ***Ħ*** hbar.sc
Ḫ *Ḫ* **Ḫ** ***Ḫ*** hbrevebelow.sc
Ĥ *Ĥ* **Ĥ** ***Ĥ*** hcircumflex.sc
Ḧ *Ḧ* **Ḧ** ***Ḧ*** hdieresis.sc
Ḥ *Ḥ* **Ḥ** ***Ḥ*** hdotbelow.sc
I *I* **I** ***I*** i.sc
Í *Í* **Í** ***Í*** iacute.sc
Ĭ *Ĭ* **Ĭ** ***Ĭ*** ibreve.sc
Ǐ *Ǐ* **Ǐ** ***Ǐ*** icaron.sc
Î *Î* **Î** ***Î*** icircumflex.sc
Ȉ *Ȉ* **Ȉ** ***Ȉ*** idblgrave.sc
Ï *Ï* **Ï** ***Ï*** idieresis.sc
Ḯ *Ḯ* **Ḯ** ***Ḯ*** idieresisacute.sc
İ *İ* **İ** ***İ*** idotaccent.sc
Ị *Ị* **Ị** ***Ị*** idotbelow.sc
Ì *Ì* **Ì** ***Ì*** igrave.sc
Ỉ *Ỉ* **Ỉ** ***Ỉ*** ihookabove.sc
Ī *Ī* **Ī** ***Ī*** imacron.alt.sc
Ī *Ī* **Ī** ***Ī*** imacron.sc
Į *Į* **Į** ***Į*** iogonek.sc
Į́ *Į́* **Į́** ***Į́*** iogonekacute.sc
Ĩ *Ĩ* **Ĩ** ***Ĩ*** itilde.sc
J *J* **J** ***J*** j.sc
J́ *J́* **J́** ***J́*** jacute.sc
J̌ *J̌* **J̌** ***J̌*** jcaron.sc
Ĵ *Ĵ* **Ĵ** ***Ĵ*** jcircumflex.sc
K *K* **K** ***K*** k.sc
Ķ *Ķ* **Ķ** ***Ķ*** kcommaaccent.sc
L *L* **L** ***L*** l.sc
L̃ *L̃* **L̃** ***L̃*** l_uni0303.sc
Ĺ *Ĺ* **Ĺ** ***Ĺ*** lacute.sc
Ľ *Ľ* **Ľ** ***Ľ*** lcaron.sc
Ļ *Ļ* **Ļ** ***Ļ*** lcommaaccent.sc
Ŀ *Ŀ* **Ŀ** ***Ŀ*** ldot.sc
Ḷ *Ḷ* **Ḷ** ***Ḷ*** ldotbelow.sc
Ḹ *Ḹ* **Ḹ** ***Ḹ*** ldotbelowmacron.sc
Ł *Ł* **Ł** ***Ł*** lslash.sc
M *M* **M** ***M*** m.sc
Ṃ *Ṃ* **Ṃ** ***Ṃ*** mdotbelow.sc
N *N* **N** ***N*** n.sc
Ń *Ń* **Ń** ***Ń*** nacute.sc
Ň *Ň* **Ň** ***Ň*** ncaron.sc
Ņ *Ņ* **Ņ** ***Ņ*** ncommaaccent.sc
Ṅ *Ṅ* **Ṅ** ***Ṅ*** ndotaccent.sc
Ṇ *Ṇ* **Ṇ** ***Ṇ*** ndotbelow.sc
Ñ *Ñ* **Ñ** ***Ñ*** ntilde.sc
O *O* **O** ***O*** o.sc
Ó *Ó* **Ó** ***Ó*** oacute.sc
Ŏ *Ŏ* **Ŏ** ***Ŏ*** obreve.sc
Ǒ *Ǒ* **Ǒ** ***Ǒ*** ocaron.sc
Ô *Ô* **Ô** ***Ô*** ocircumflex.sc
Ố *Ố* **Ố** ***Ố*** ocircumflexacute.sc
Ộ *Ộ* **Ộ** ***Ộ*** ocircumflexdotbelow.sc
Ồ *Ồ* **Ồ** ***Ồ*** ocircumflexgrave.sc
Ổ *Ổ* **Ổ** ***Ổ*** ocircumflexhookabove.sc
Ỗ *Ỗ* **Ỗ** ***Ỗ*** ocircumflextilde.sc
Ȍ *Ȍ* **Ȍ** ***Ȍ*** odblgrave.sc
Ö *Ö* **Ö** ***Ö*** odieresis.sc
Ọ *Ọ* **Ọ** ***Ọ*** odotbelow.sc
Œ *Œ* **Œ** ***Œ*** oe.sc
Ò *Ò* **Ò** ***Ò*** ograve.sc
Ỏ *Ỏ* **Ỏ** ***Ỏ*** ohookabove.sc
Ơ *Ơ* **Ơ** ***Ơ*** ohorn.sc
Ớ *Ớ* **Ớ** ***Ớ*** ohornacute.sc
Ợ *Ợ* **Ợ** ***Ợ*** ohorndotbelow.sc
Ờ *Ờ* **Ờ** ***Ờ*** ohorngrave.sc
Ở *Ở* **Ở** ***Ở*** ohornhookabove.sc
Ỡ *Ỡ* **Ỡ** ***Ỡ*** ohorntilde.sc
Ő *Ő* **Ő** ***Ő*** ohungarumlaut.sc
Ō *Ō* **Ō** ***Ō*** omacron.sc
Ǫ *Ǫ* **Ǫ** ***Ǫ*** oogonek.sc
Ǫ́ *Ǫ́* **Ǫ́** ***Ǫ́*** oogonekacute.sc
Ǫ̇ *Ǫ̇* **Ǫ̇** ***Ǫ̇*** orogate.sc
Ø *Ø* **Ø** ***Ø*** oslash.sc
Ǿ *Ǿ* **Ǿ** ***Ǿ*** oslashacute.sc
Õ *Õ* **Õ** ***Õ*** otilde.sc
P *P* **P** ***P*** p.sc
Q *Q* **Q** ***Q*** q.sc
R *R* **R** ***R*** r.sc

Ŕ Ŕ **Ŕ** ***Ŕ*** racute.sc
Ř Ř **Ř** ***Ř*** rcaron.sc
Ŗ Ŗ **Ŗ** ***Ŗ*** rcommaaccent.sc
Ȑ Ȑ **Ȑ** ***Ȑ*** rdblgrave.sc
Ṙ Ṙ **Ṙ** ***Ṙ*** rdotaccent.sc
Ṛ Ṛ **Ṛ** ***Ṛ*** rdotbelow.sc
Ṝ Ṝ **Ṝ** ***Ṝ*** rdotbelowmacron.sc
S S **S** ***S*** s.sc
Ś Ś **Ś** ***Ś*** sacute.sc
Š Š **Š** ***Š*** scaron.sc
Ş Ş **Ş** ***Ş*** scedilla.sc
Ŝ Ŝ **Ŝ** ***Ŝ*** scircumflex.sc
Ṣ Ṣ **Ṣ** ***Ṣ*** sdotbelow.sc
T T **T** ***T*** t.sc
T̃ T̃ **T̃** ***T̃*** t_uni0303.sc
Ť Ť **Ť** ***Ť*** tcaron.sc
Ţ Ţ **Ţ** ***Ţ*** tcedilla.sc
T̈ T̈ **T̈** ***T̈*** tdieresis.sc
Ṭ Ṭ **Ṭ** ***Ṭ*** tdotbelow.sc
Þ Þ **Þ** ***Þ*** thorn.sc
T̲ T̲ **T̲** ***T̲*** tlinebelow.sc
U U **U** ***U*** u.sc
Ú Ú **Ú** ***Ú*** uacute.sc
Ŭ Ŭ **Ŭ** ***Ŭ*** ubreve.sc
U̬ U̬ **U̬** ***U̬*** ubrevebelowinverted.sc
Ǔ Ǔ **Ǔ** ***Ǔ*** ucaron.sc
Û Û **Û** ***Û*** ucircumflex.sc
Ȕ Ȕ **Ȕ** ***Ȕ*** udblgrave.sc
Ü Ü **Ü** ***Ü*** udieresis.sc
Ű Ű **Ű** ***Ű*** udieresisacute.sc
Ǖ Ǖ **Ǖ** ***Ǖ*** udieresiscaron.sc
Ǜ Ǜ **Ǜ** ***Ǜ*** udieresisgrave.sc
Ụ Ụ **Ụ** ***Ụ*** udotbelow.sc
Ù Ù **Ù** ***Ù*** ugrave.sc
Ủ Ủ **Ủ** ***Ủ*** uhookabove.sc
Ư Ư **Ư** ***Ư*** uhorn.sc
Ứ Ứ **Ứ** ***Ứ*** uhornacute.sc
Ự Ự **Ự** ***Ự*** uhorndotbelow.sc
Ừ Ừ **Ừ** ***Ừ*** uhorngrave.sc
Ử Ử **Ử** ***Ử*** uhornhookabove.sc
Ữ Ữ **Ữ** ***Ữ*** uhorntilde.sc
Ő Ő **Ő** ***Ő*** uhungarumlaut.sc
Ū Ū **Ū** ***Ū*** umacron.sc
Ų Ų **Ų** ***Ų*** uogonek.sc

Ů Ů **Ů** ***Ů*** uring.sc
Ũ Ũ **Ũ** ***Ũ*** utilde.sc
V V **V** ***V*** v.sc
W W **W** ***W*** w.sc
Ẃ Ẃ **Ẃ** ***Ẃ*** wacute.sc
Ŵ Ŵ **Ŵ** ***Ŵ*** wcircumflex.sc
Ẅ Ẅ **Ẅ** ***Ẅ*** wdieresis.sc
Ẁ Ẁ **Ẁ** ***Ẁ*** wgrave.sc
X X **X** ***X*** x.sc
Y Y **Y** ***Y*** y.sc
Ý Ý **Ý** ***Ý*** yacute.sc
Ŷ Ŷ **Ŷ** ***Ŷ*** ycircumflex.sc
Ÿ Ÿ **Ÿ** ***Ÿ*** ydieresis.sc
Ỵ Ỵ **Ỵ** ***Ỵ*** ydotbelow.sc
Ỳ Ỳ **Ỳ** ***Ỳ*** ygrave.sc
Ỷ Ỷ **Ỷ** ***Ỷ*** yhookabove.sc
Ỹ Ỹ **Ỹ** ***Ỹ*** ytilde.sc
Z Z **Z** ***Z*** z.sc
Ź Ź **Ź** ***Ź*** zacute.sc
Ž Ž **Ž** ***Ž*** zcaron.sc
Ż Ż **Ż** ***Ż*** zdotaccent.sc
Ẓ Ẓ **Ẓ** ***Ẓ*** zdotbelow.sc

≈ ≈ **≈** **≈** approxequal.mt
* * **•** **•** asterisk.mt
\ \ **** **** backslash.mt
| | **|** **|** bar.mt
{ *{* **{** ***{*** braceleft.mt
} *}* **}** ***}*** braceright.mt
[*[* **[** ***[*** bracketleft.mt
] *]* **]** ***]*** bracketright.mt
‖ ‖ **‖** **‖** dblverticalbar.mt
÷ ÷ **÷** **÷** divide.mt
= = **=** **=** equal.mt
> > **>** **>** greater.mt
≥ ≥ **≥** **≥** greaterequal.mt
< < **<** **<** less.mt
≤ ≤ **≤** **≤** lessequal.mt
¬ ¬ **¬** **¬** logicalnot.mt
− − **−** **−** minus.mt
∓ ∓ **∓** **∓** minusplus.mt
× × **×** **×** multiply.mt
≠ ≠ **≠** **≠** notequal.mt
(*(* **(** ***(*** parenleft.mt
) *)* **)** ***)*** parenright.mt



plus.mt

plusminus.mt

slash.mt

uni2A7D.mt

uni2A7E.mt

asciitilde.low
tildelow

emdash.alt
twelveudash

i_j.sc
ij.sc

S_S
Germandbls

star.alt
born

uni0219.sc
scommaaccent.sc

uni021B.sc
tcommaaccent.sc

---
hookabove

---
dotbelow

---
acute.cap

---
acute.dup

---
acute.ts1

AE.dup

---
ae.dup

---
breve.cap

---
breve.cyr

---
breve.cyrcap

---
breve.ts1

---
caron.cap

---
caron.ts1

---
cedilla.dup

---
circumflex.cap

---
circumflex.cyr

---
circumflex.cyrcap

---
circumflex.dup

---
cwm

---
cwmascender

---
cwmcapital

---
dblgrave.ts1

---
dieresis.cap

---
dieresis.dup

---
dieresis.ts1

---
dotaccent.cap

---
dotlessj.dup

Gcedilla

---
gcedilla

---
germandbls.dup

---
grave.cap

---
grave.ts1

---
hungarumlaut.cap

---
hungarumlaut.ts1

---
hyphen.dup

Kcedilla

---
kcedilla

Lcedilla

---
lcedilla

---
lscript

---
macron.cap

---
macron.cap.alt

---
macron.dup

---
macron.ts1

Ncedilla

---
ncedilla

OE.dup

---
oe.dup

Oslash.dup

---
oslash.dup

---
quotedblbase.ts1

---
quoteleft.dup

---
quoteright.dup

---
quotesinglbase.ts1

---
quotesingle.ts1

Rcedilla

---
rcedilla

---
ring.cap

---
space_uni0309.cap

---
space_uni030A_uni0301
---
space_uni030A_uni0301.cap
---
space_uni030F
---
space_uni030F.cap
---
space_uni031B
---
space_uni0326
---
space_uni0331
---
tilde.cap
---
tilde.dup

1. Standard low unicodes 0020 .. 007E

0020 space
0021 ! *!* **!** ***!*** exclam
0022 " " " " quotedbl
0023 # # # # numbersign
0024 $ *$* **$** ***$*** dollar
0025 % % % % percent
0026 & *&* **&** ***&*** ampersand
0027 ' ' ' ' quotesingle
0028 ((((parenleft
0029)))) parenright
002A * * * * asterisk
002B + + + + plus
002C , , , , comma
002D - - - - hyphen
002E . . . . period
002F / / / / slash
0030 0 *0* **0** ***0*** zero
0031 1 *1* **1** ***1*** one
0032 2 *2* **2** ***2*** two
0033 3 *3* **3** ***3*** three
0034 4 *4* **4** ***4*** four
0035 5 *5* **5** ***5*** five
0036 6 *6* **6** ***6*** six
0037 7 *7* **7** ***7*** seven
0038 8 *8* **8** ***8*** eight
0039 9 *9* **9** ***9*** nine
003A : *:* **:** ***:*** colon
003B ; *;* **;** ***;*** semicolon
003C < < **<** **<** less
003D = = **=** **=** equal
003E > > **>** **>** greater
003F ? *?* **?** ***?*** question
0040 @ @ @ @ at
0041 A *A* **A** ***A*** A
0042 B *B* **B** ***B*** B
0043 C *C* **C** ***C*** C
0044 D *D* **D** ***D*** D
0045 E *E* **E** ***E*** E
0046 F *F* **F** ***F*** F
0047 G *G* **G** ***G*** G
0048 H *H* **H** ***H*** H
0049 I *I* **I** ***I*** I
004A J *J* **J** ***J*** J
004B K *K* **K** ***K*** K
004C L *L* **L** ***L*** L
004D M *M* **M** ***M*** M
004E N *N* **N** ***N*** N
004F O *O* **O** ***O*** O
0050 P *P* **P** ***P*** P
0051 Q *Q* **Q** ***Q*** Q
0052 R *R* **R** ***R*** R
0053 S *S* **S** ***S*** S
0054 T *T* **T** ***T*** T
0055 U *U* **U** ***U*** U
0056 V *V* **V** ***V*** V
0057 W *W* **W** ***W*** W
0058 X *X* **X** ***X*** X
0059 Y *Y* **Y** ***Y*** Y
005A Z *Z* **Z** ***Z*** Z
005B [[**[** **[** bracketleft
005C \ \ **** **** backslash
005D]] **]** **]** bracketright
005E ^ ^ **^** **^** asciicircum
005F _ _ _ _ underscore
0060 ` ` ` ` grave
0061 a *a* **a** ***a*** a
0062 b *b* **b** ***b*** b
0063 c *c* **c** ***c*** c
0064 d *d* **d** ***d*** d
0065 e *e* **e** ***e*** e
0066 f *f* **f** ***f*** f

0067	g *g* **g** ***g***	g
0068	h *h* **h** ***h***	h
0069	i *i* **i** ***i***	i
006A	j *j* **j** ***j***	j
006B	k *k* **k** ***k***	k
006C	l *l* **l** ***l***	l
006D	m *m* **m** ***m***	m
006E	n *n* **n** ***n***	n
006F	o *o* **o** ***o***	o
0070	p *p* **p** ***p***	p
0071	q *q* **q** ***q***	q
0072	r *r* **r** ***r***	r
0073	s *s* **s** ***s***	s
0074	t *t* **t** ***t***	t
0075	u *u* **u** ***u***	u
0076	v *v* **v** ***v***	v
0077	w *w* **w** ***w***	w
0078	x *x* **x** ***x***	x
0079	y *y* **y** ***y***	y
007A	z *z* **z** ***z***	z
007B	{ { **{** **{**	braceleft
007C	| | **|** **|**	bar
007D	} } **}** **}**	braceright
007E	~ ~ ~ ~	asciitilde

2. Standard high unicodes FB00 .. FEFF

FB00	ff *ff* **ff** ***ff***	f_f ff
FB01	fi *fi* **fi** ***fi***	f_i fi
FB02	fl *fl* **fl** ***fl***	f_l fl
FB03	ffi *ffi* **ffi** ***ffi***	f_f_i ffi
FB04	ffl *ffl* **ffl** ***ffl***	f_f_l ffl
FEFF		uniFEFF

3. Standard other unicodes 0080 .. 1D7FF

00A0		uni00A0 nbspace
00A1	¡ *¡* **¡** ***¡***	exclamdown
00A2	¢ *¢* **¢** ***¢***	cent
00A3	£ *£* **£** ***£***	sterling
00A4	¤ *¤* **¤** ***¤***	currency
00A5	¥ *¥* **¥** ***¥***	yen
00A6	¦ *¦* **¦** ***¦***	brokenbar
00A7	§ *§* **§** ***§***	section
00A8	¨ *¨* **¨** ***¨***	dieresis
00A9	© *©* **©** ***©***	copyright
00AA	ª *ª* **ª** ***ª***	ordfeminine
00AB	« *«* **«** ***«***	guillemotleft
00AC	¬ *¬* **¬** ***¬***	logicalnot
00AD	- *-* **-** ***-***	uni00AD
00AE	® *®* **®** ***®***	registered
00AF	¯ *¯* **¯** ***¯***	macron
00B0	° *°* **°** ***°***	degree
00B1	± *±* **±** ***±***	plusminus
00B2	2 *2* **2** ***2***	two.superior
00B3	3 *3* **3** ***3***	three.superior
00B4	´ *´* **´** ***´***	acute
00B5	µ *µ* **µ** ***µ***	uni00B5
00B6	¶ *¶* **¶** ***¶***	paragraph
00B7	· *·* **·** ***·***	periodcentered
00B8	¸ *¸* **¸** ***¸***	cedilla
00B9	1 *1* **1** ***1***	one.superior
00BA	º *º* **º** ***º***	ordmasculine
00BB	» *»* **»** ***»***	guillemotright
00BC	¼ *¼* **¼** ***¼***	onequarter
00BD	½ *½* **½** ***½***	onehalf
00BE	¾ *¾* **¾** ***¾***	threequarters
00BF	¿ *¿* **¿** ***¿***	questiondown
00C0	À *À* **À** ***À***	Agrave
00C1	Á *Á* **Á** ***Á***	Aacute
00C2	Â *Â* **Â** ***Â***	Acircumflex
00C3	Ã *Ã* **Ã** ***Ã***	Atilde
00C4	Ä *Ä* **Ä** ***Ä***	Adieresis
00C5	Å *Å* **Å** ***Å***	Aring
00C6	Æ *Æ* **Æ** ***Æ***	AE
00C7	Ç *Ç* **Ç** ***Ç***	Ccedilla
00C8	È *È* **È** ***È***	Egrave
00C9	É *É* **É** ***É***	Eacute
00CA	Ê *Ê* **Ê** ***Ê***	Ecircumflex
00CB	Ë *Ë* **Ë** ***Ë***	Edieresis
00CC	Ì *Ì* **Ì** ***Ì***	Igrave
00CD	Í *Í* **Í** ***Í***	Iacute

00CE Î Î Î Î Icircumflex
00CF Ï Ï Ï Ï Idieresis
00D0 Ð Ð Ð Ð Eth
00D1 Ñ Ñ Ñ Ñ Ntilde
00D2 Ò Ò Ò Ò Ograve
00D3 Ó Ó Ó Ó Oacute
00D4 Ô Ô Ô Ô Ocircumflex
00D5 Õ Õ Õ Õ Otilde
00D6 Ö Ö Ö Ö Odieresis
00D7 × × × × multiply
00D8 Ø Ø Ø Ø Oslash
00D9 Ù Ù Ù Ù Ugrave
00DA Ú Ú Ú Ú Uacute
00DB Û Û Û Û Ucircumflex
00DC Ü Ü Ü Ü Udieresis
00DD Ý Ý Ý Ý Yacute
00DE Þ Þ Þ Þ Thorn
00DF ß ß ß ß germandbls
00E0 à à à à agrave
00E1 á á á á aacute
00E2 â â â â acircumflex
00E3 ã ã ã ã atilde
00E4 ä ä ä ä adieresis
00E5 å å å å aring
00E6 æ æ æ æ ae
00E7 ç ç ç ç ccedilla
00E8 è è è è egrave
00E9 é é é é eacute
00EA ê ê ê ê ecircumflex
00EB ë ë ë ë edieresis
00EC ì ì ì ì igrave
00ED í í í í iacute
00EE î î î î icircumflex
00EF ï ï ï ï idieresis
00F0 ð ð ð ð eth
00F1 ñ ñ ñ ñ ntilde
00F2 ò ò ò ò ograve
00F3 ó ó ó ó oacute
00F4 ô ô ô ô ocircumflex
00F5 õ õ õ õ otilde
00F6 ö ö ö ö odieresis
00F7 ÷ ÷ ÷ ÷ divide
00F8 ø ø ø ø oslash
00F9 ù ù ù ù ugrave
00FA ú ú ú ú uacute
00FB û û û û ucircumflex
00FC ü ü ü ü udieresis
00FD ý ý ý ý yacute
00FE þ þ þ þ thorn
00FF ÿ ÿ ÿ ÿ ydieresis
0100 Ā Ā Ā Ā Amacron
0101 ā ā ā ā amacron
0102 Ă Ă Ă Ă Abreve
0103 ă ă ă ă abreve
0104 Ą Ą Ą Ą Aogonek
0105 ą ą ą ą aogonek
0106 Ć Ć Ć Ć Cacute
0107 ć ć ć ć cacute
0108 Ĉ Ĉ Ĉ Ĉ Ccircumflex
0109 ĉ ĉ ĉ ĉ ccircumflex
010A Ċ Ċ Ċ Ċ Cdotaccent
010B ċ ċ ċ ċ cdotaccent
010C Č Č Č Č Ccaron
010D č č č č ccaron
010E Ď Ď Ď Ď Dcaron
010F ď ď ď ď dcaron
0110 Đ Đ Đ Đ Dcroat
0111 đ đ đ đ dcroat
0112 Ē Ē Ē Ē Emacron
0113 ē ē ē ē emacron
0114 Ĕ Ĕ Ĕ Ĕ Ebreve
0115 ĕ ĕ ĕ ĕ ebreve
0116 Ė Ė Ė Ė Edotaccent
0117 ė ė ė ė edotaccent
0118 Ę Ę Ę Ę Eogonek
0119 ę ę ę ę eogonek
011A Ě Ě Ě Ě Ecaron
011B ě ě ě ě ecaron
011C Ĝ Ĝ Ĝ Ĝ Gcircumflex
011D ĝ ĝ ĝ ĝ gcircumflex
011E Ğ Ğ Ğ Ğ Gbreve
011F ğ ğ ğ ğ gbreve
0120 Ġ Ġ Ġ Ġ Gdotaccent
0121 ġ ġ ġ ġ gdotaccent
0122 Ģ Ģ Ģ Ģ Gcommaaccent
0123 ģ ģ ģ ģ gcommaaccent
0124 Ĥ Ĥ Ĥ Ĥ Hcircumflex
0125 ĥ ĥ ĥ ĥ hcircumflex
0126 Ħ Ħ Ħ Ħ Hbar

0127 ħ *ħ* **ħ** ***ħ*** hbar
0128 Ĩ *Ĩ* **Ĩ** ***Ĩ*** Itilde
0129 ĩ *ĩ* **ĩ** ***ĩ*** itilde
012A Ī *Ī* **Ī** ***Ī*** Imacron
012B ī *ī* **ī** ***ī*** imacron
012C Ĭ *Ĭ* **Ĭ** ***Ĭ*** Ibreve
012D ĭ *ĭ* **ĭ** ***ĭ*** ibreve
012E Į *Į* **Į** ***Į*** Iogonek
012F į *į* **į** ***į*** iogonek
0130 İ *İ* **İ** ***İ*** Idotaccent
0131 ı *ı* **ı** ***ı*** dotlessi
0132 IJ *IJ* **IJ** ***IJ*** I_J IJ
0133 ij *ij* **ij** ***ij*** i_j ij
0134 Ĵ *Ĵ* **Ĵ** ***Ĵ*** Jcircumflex
0135 ĵ *ĵ* **ĵ** ***ĵ*** jcircumflex
0136 Ķ *Ķ* **Ķ** ***Ķ*** Kcommaaccent
0137 ķ *ķ* **ķ** ***ķ*** kcommaaccent
0139 Ĺ *Ĺ* **Ĺ** ***Ĺ*** Lacute
013A ĺ *ĺ* **ĺ** ***ĺ*** lacute
013B Ļ *Ļ* **Ļ** ***Ļ*** Lcommaaccent
013C ļ *ļ* **ļ** ***ļ*** lcommaaccent
013D Ľ *Ľ* **Ľ** ***Ľ*** Lcaron
013E ľ *ľ* **ľ** ***ľ*** lcaron
013F Ŀ *Ŀ* **Ŀ** ***Ŀ*** Ldot
0140 ŀ *ŀ* **ŀ** ***ŀ*** ldot
0141 Ł *Ł* **Ł** ***Ł*** Lslash
0142 ł *ł* **ł** ***ł*** lslash
0143 Ń *Ń* **Ń** ***Ń*** Nacute
0144 ń *ń* **ń** ***ń*** nacute
0145 Ņ *Ņ* **Ņ** ***Ņ*** Ncommaaccent
0146 ņ *ņ* **ņ** ***ņ*** ncommaaccent
0147 Ň *Ň* **Ň** ***Ň*** Ncaron
0148 ň *ň* **ň** ***ň*** ncaron
014A Ŋ *Ŋ* **Ŋ** ***Ŋ*** Eng
014B ŋ *ŋ* **ŋ** ***ŋ*** eng
014C Ō *Ō* **Ō** ***Ō*** Omacron
014D ō *ō* **ō** ***ō*** omacron
014E Ŏ *Ŏ* **Ŏ** ***Ŏ*** Obreve
014F ŏ *ŏ* **ŏ** ***ŏ*** obreve
0150 Ő *Ő* **Ő** ***Ő*** Ohungarumlaut
0151 ő *ő* **ő** ***ő*** ohungarumlaut
0152 Œ *Œ* **Œ** ***Œ*** OE
0153 œ *œ* **œ** ***œ*** oe
0154 Ŕ *Ŕ* **Ŕ** ***Ŕ*** Racute
0155 ŕ *ŕ* **ŕ** ***ŕ*** racute
0156 Ŗ *Ŗ* **Ŗ** ***Ŗ*** Rcommaaccent
0157 ŗ *ŗ* **ŗ** ***ŗ*** rcommaaccent
0158 Ř *Ř* **Ř** ***Ř*** Rcaron
0159 ř *ř* **ř** ***ř*** rcaron
015A Ś *Ś* **Ś** ***Ś*** Sacute
015B ś *ś* **ś** ***ś*** sacute
015C Ŝ *Ŝ* **Ŝ** ***Ŝ*** Scircumflex
015D ŝ *ŝ* **ŝ** ***ŝ*** scircumflex
015E Ş *Ş* **Ş** ***Ş*** Scedilla
015F ş *ş* **ş** ***ş*** scedilla
0160 Š *Š* **Š** ***Š*** Scaron
0161 š *š* **š** ***š*** scaron
0162 Ţ *Ţ* **Ţ** ***Ţ*** Tcedilla
0163 ţ *ţ* **ţ** ***ţ*** tcedilla
0164 Ť *Ť* **Ť** ***Ť*** Tcaron
0165 ť *ť* **ť** ***ť*** tcaron
0168 Ũ *Ũ* **Ũ** ***Ũ*** Utilde
0169 ũ *ũ* **ũ** ***ũ*** utilde
016A Ū *Ū* **Ū** ***Ū*** Umacron
016B ū *ū* **ū** ***ū*** umacron
016C Ŭ *Ŭ* **Ŭ** ***Ŭ*** Ubreve
016D ŭ *ŭ* **ŭ** ***ŭ*** ubreve
016E Ů *Ů* **Ů** ***Ů*** Uring
016F ů *ů* **ů** ***ů*** uring
0170 Ű *Ű* **Ű** ***Ű*** Uhungarumlaut
0171 ű *ű* **ű** ***ű*** uhungarumlaut
0172 Ų *Ų* **Ų** ***Ų*** Uogonek
0173 ų *ų* **ų** ***ų*** uogonek
0174 Ŵ *Ŵ* **Ŵ** ***Ŵ*** Wcircumflex
0175 ŵ *ŵ* **ŵ** ***ŵ*** wcircumflex
0176 Ŷ *Ŷ* **Ŷ** ***Ŷ*** Ycircumflex
0177 ŷ *ŷ* **ŷ** ***ŷ*** ycircumflex
0178 Ÿ *Ÿ* **Ÿ** ***Ÿ*** Ydieresis
0179 Ź *Ź* **Ź** ***Ź*** Zacute
017A ź *ź* **ź** ***ź*** zacute
017B Ż *Ż* **Ż** ***Ż*** Zdotaccent
017C ż *ż* **ż** ***ż*** zdotaccent
017D Ž *Ž* **Ž** ***Ž*** Zcaron
017E ž *ž* **ž** ***ž*** zcaron
017F ſ *ſ* **ſ** ***ſ*** longs
018E Ǝ *Ǝ* **Ǝ** ***Ǝ*** Ereversed
0192 ƒ *ƒ* **ƒ** ***ƒ*** florin
01A0 Ơ *Ơ* **Ơ** ***Ơ*** Ohorn

01A1 ơ ơ **ơ** ***ơ*** ohorn
01AF Ư Ư **Ư** ***Ư*** Uhorn
01B0 ư ư **ư** ***ư*** uhorn
01CD Ǎ Ǎ **Ǎ** ***Ǎ*** Acaron
01CE ǎ ǎ **ǎ** ***ǎ*** acaron
01CF Ǐ Ǐ **Ǐ** ***Ǐ*** Icaron
01D0 ǐ ǐ **ǐ** ***ǐ*** icaron
01D1 Ǒ Ǒ **Ǒ** ***Ǒ*** Ocaron
01D2 ǒ ǒ **ǒ** ***ǒ*** ocaron
01D3 Ǔ Ǔ **Ǔ** ***Ǔ*** Ucaron
01D4 ǔ ǔ **ǔ** ***ǔ*** ucaron
01D7 Ǘ Ǘ **Ǘ** ***Ǘ*** Udieresisacute
01D8 ǘ ǘ **ǘ** ***ǘ*** udieresisacute
01D9 Ǚ Ǚ **Ǚ** ***Ǚ*** Udieresiscaron
01DA ǚ ǚ **ǚ** ***ǚ*** udieresiscaron
01DB Ǜ Ǜ **Ǜ** ***Ǜ*** Udieresisgrave
01DC ǜ ǜ **ǜ** ***ǜ*** udieresisgrave
01DD ə ə **ə** ***ə*** eturned
01E6 Ǧ Ǧ **Ǧ** ***Ǧ*** Gcaron
01E7 ǧ ǧ **ǧ** ***ǧ*** gcaron
01EA Ǫ Ǫ **Ǫ** ***Ǫ*** Oogonek
01EB ǫ ǫ **ǫ** ***ǫ*** oogonek
01F0 ǰ ǰ **ǰ** ***ǰ*** jcaron
01F4 Ǵ Ǵ **Ǵ** ***Ǵ*** Gacute
01F5 ǵ ǵ **ǵ** ***ǵ*** gacute
01FA Ǻ Ǻ **Ǻ** ***Ǻ*** Aringacute
01FB ǻ ǻ **ǻ** ***ǻ*** aringacute
01FC Ǽ Ǽ **Ǽ** ***Ǽ*** AEacute
01FD ǽ ǽ **ǽ** ***ǽ*** aeacute
01FE Ǿ Ǿ **Ǿ** ***Ǿ*** Oslashacute
01FF ǿ ǿ **ǿ** ***ǿ*** oslashacute
0200 Ȁ Ȁ **Ȁ** ***Ȁ*** Adblgrave
0201 ȁ ȁ **ȁ** ***ȁ*** adblgrave
0204 Ȅ Ȅ **Ȅ** ***Ȅ*** Edblgrave
0205 ȅ ȅ **ȅ** ***ȅ*** edblgrave
0208 Ȉ Ȉ **Ȉ** ***Ȉ*** Idblgrave
0209 ȉ ȉ **ȉ** ***ȉ*** idblgrave
020C Ȍ Ȍ **Ȍ** ***Ȍ*** Odblgrave
020D ȍ ȍ **ȍ** ***ȍ*** odblgrave
0210 Ȑ Ȑ **Ȑ** ***Ȑ*** Rdblgrave
0211 ȑ ȑ **ȑ** ***ȑ*** rdblgrave
0214 Ȕ Ȕ **Ȕ** ***Ȕ*** Udblgrave
0215 ȕ ȕ **ȕ** ***ȕ*** udblgrave
0218 Ș Ș **Ș** ***Ș*** uni0218 Scommaaccent
0219 ș ș **ș** ***ș*** uni0219 scommaaccent
021A Ț Ț **Ț** ***Ț*** uni021A Tcommaaccent
021B ț ț **ț** ***ț*** uni021B tcommaaccent
0237 ȷ ȷ **ȷ** ***ȷ*** dotlessj
0258 ɘ ɘ **ɘ** ***ɘ*** ereversed
0259 ə ə **ə** ***ə*** schwa
02BE ʾ ʾ **ʾ** ***ʾ*** ringhalfright
02BF ʿ ʿ **ʿ** ***ʿ*** ringhalfleft
02C6 ˆ ˆ **ˆ** ***ˆ*** circumflex
02C7 ˇ ˇ **ˇ** ***ˇ*** caron
02D8 ˘ ˘ **˘** ***˘*** breve
02D9 ˙ ˙ **˙** ***˙*** dotaccent
02DA ˚ ˚ **˚** ***˚*** ring
02DB ˛ ˛ **˛** ***˛*** ogonek
02DC ˜ ˜ **˜** ***˜*** tilde
02DD ˝ ˝ **˝** ***˝*** hungarumlaut
0300 ̀ ̀ **̀** ***̀*** uni0300
0301 ́ ́ **́** ***́*** uni0301
0302 ̂ ̂ **̂** ***̂*** circumflexcmb
0303 ̃ ̃ **̃** ***̃*** tildecmb
0304 ̄ ̄ **̄** ***̄*** uni0304
0305 ̅ ̅ **̅** ***̅*** overlinecmb
0306 ̆ ̆ **̆** ***̆*** brevecmb
0307 ̇ ̇ **̇** ***̇*** uni0307
0308 ̈ ̈ **̈** ***̈*** uni0308
0309 ̉ ̉ **̉** ***̉*** uni0309
030A ̊ ̊ **̊** ***̊*** uni030A
030B ̋ ̋ **̋** ***̋*** uni030B
030C ̌ ̌ **̌** ***̌*** caroncmb
030F ̏ ̏ **̏** ***̏*** uni030F
0311 ̑ ̑ **̑** ***̑*** breveinvertedcmb
0323 ̣ ̣ **̣** ***̣*** uni0323
0326 ̦ ̦ **̦** ***̦*** uni0326
0327 ̧ ̧ **̧** ***̧*** cedillacmb
0328 ̨ ̨ **̨** ***̨*** ogonekcomb
032C ̬ ̬ **̬** ***̬*** caronbelowcmb
032D ̭ ̭ **̭** ***̭*** circumflexbelowcmb
032E ̮ ̮ **̮** ***̮*** brevebelowcmb
032F ̯ ̯ **̯** ***̯*** breveinvertedbelowcmb
0330 ̰ ̰ **̰** ***̰*** tildebelowcmb
0331 ̱ ̱ **̱** ***̱*** uni0331
0332 ̲ ̲ **̲** ***̲*** lowlinecmb
0333 ̳ ̳ **̳** ***̳*** dbllowlinecmb
0338 ̸ ̸ **̸** ***̸*** uni0338

033F dbloverlinecmb

034D uni034D

0361 tieaccentlowercase

0391 Alpha

0392 Beta

0393 Gamma

0394 Delta

0395 Epsilon

0396 Zeta

0397 Eta

0398 Theta

0399 Iota

039A Kappa

039B Lambda

039C Mu

039D Nu

039E Xi

039F Omicron

03A0 Pi

03A1 Rho

03A3 Sigma

03A4 Tau

03A5 Upsilon

03A6 Phi

03A7 Chi

03A8 Psi

03A9 Omega

03B1 alpha

03B2 beta

03B3 gamma

03B4 delta

03B5 epsilon

03B6 zeta

03B7 eta

03B8 theta

03B9 iota

03BA kappa

03BB lambda

03BC mu

03BD nu

03BE xi

03BF omicron

03C0 pi

03C1 rho

03C2 uni03C2

03C3 sigma

03C4 tau

03C5 upsilon

03C6 phi

03C7 chi

03C8 psi

03C9 omega

03D1 uni03D1

03D5 uni03D5

03D6 uni03D6

03F0 uni03F0

03F1 uni03F1

03F4 uni03F4

03F5 uni03F5

0E3F bahtthai
baht

1E0C Ddotbelow

1E0D ddotbelow

1E0E Dlinebelow

1E0F dlinebelow

1E24 Hdotbelow

1E25 hdotbelow

1E26 Hdieresis

1E27 hdieresis

1E2A Hbrevebelow

1E2B hbrevebelow

1E2E Idieresisacute

1E2F idieresisacute

1E36 Ldotbelow

1E37 ldotbelow

1E38 Ldotbelowmacron

1E39 ldotbelowmacron

1E42 Mdotbelow

1E43 mdotbelow

1E44 Ndotaccent

1E45 ndotaccent

1E46 Ndotbelow

1E47 ndotbelow

1E58 Rdotaccent

1E59 rdotaccent

1E5A Rdotbelow

1E5B rdotbelow

1E5C Rdotbelowmacron

1E5D rdotbelowmacron

1E62 Ṣ *Ṣ* **Ṣ** ***Ṣ*** Sdotbelow
1E63 ṣ *ṣ* **ṣ** ***ṣ*** sdotbelow
1E6C Ṭ *Ṭ* **Ṭ** ***Ṭ*** Tdotbelow
1E6D ṭ *ṭ* **ṭ** ***ṭ*** tdotbelow
1E6E T̲ *T̲* **T̲** ***T̲*** Tlinebelow
1E6F t̲ *t̲* **t̲** ***t̲*** tlinebelow
1E80 Ẁ *Ẁ* **Ẁ** ***Ẁ*** Wgrave
1E81 ẁ *ẁ* **ẁ** ***ẁ*** wgrave
1E82 Ẃ *Ẃ* **Ẃ** ***Ẃ*** Wacute
1E83 ẃ *ẃ* **ẃ** ***ẃ*** wacute
1E84 Ẅ *Ẅ* **Ẅ** ***Ẅ*** Wdieresis
1E85 ẅ *ẅ* **ẅ** ***ẅ*** wdieresis
1E92 Ẓ *Ẓ* **Ẓ** ***Ẓ*** Zdotbelow
1E93 ẓ *ẓ* **ẓ** ***ẓ*** zdotbelow
1E97 ẗ *ẗ* **ẗ** ***ẗ*** tdieresis
1EA0 Ạ *Ạ* **Ạ** ***Ạ*** Adotbelow
1EA1 ạ *ạ* **ạ** ***ạ*** adotbelow
1EA2 Ả *Ả* **Ả** ***Ả*** Ahookabove
1EA3 ả *ả* **ả** ***ả*** ahookabove
1EA4 Ấ *Ấ* **Ấ** ***Ấ*** Acircumflexacute
1EA5 ấ *ấ* **ấ** ***ấ*** acircumflexacute
1EA6 Ầ *Ầ* **Ầ** ***Ầ*** Acircumflexgrave
1EA7 ầ *ầ* **ầ** ***ầ*** acircumflexgrave
1EA8 Ẩ *Ẩ* **Ẩ** ***Ẩ*** Acircumflexhookabove
1EA9 ẩ *ẩ* **ẩ** ***ẩ*** acircumflexhookabove
1EAA Ẫ *Ẫ* **Ẫ** ***Ẫ*** Acircumflextilde
1EAB ẫ *ẫ* **ẫ** ***ẫ*** acircumflextilde
1EAC Ậ *Ậ* **Ậ** ***Ậ*** Acircumflexdotbelow
1EAD ậ *ậ* **ậ** ***ậ*** acircumflexdotbelow
1EAE Ắ *Ắ* **Ắ** ***Ắ*** Abreveacute
1EAF ắ *ắ* **ắ** ***ắ*** abreveacute
1EB0 Ằ *Ằ* **Ằ** ***Ằ*** Abrevegrave
1EB1 ằ *ằ* **ằ** ***ằ*** abrevegrave
1EB2 Ẳ *Ẳ* **Ẳ** ***Ẳ*** Abrevehookabove
1EB3 ẳ *ẳ* **ẳ** ***ẳ*** abrevehookabove
1EB4 Ẵ *Ẵ* **Ẵ** ***Ẵ*** Abrevetilde
1EB5 ẵ *ẵ* **ẵ** ***ẵ*** abrevetilde
1EB6 Ặ *Ặ* **Ặ** ***Ặ*** Abrevedotbelow
1EB7 ặ *ặ* **ặ** ***ặ*** abrevedotbelow
1EB8 Ẹ *Ẹ* **Ẹ** ***Ẹ*** Edotbelow
1EB9 ẹ *ẹ* **ẹ** ***ẹ*** edotbelow
1EBA Ẻ *Ẻ* **Ẻ** ***Ẻ*** Ehookabove
1EBB ẻ *ẻ* **ẻ** ***ẻ*** ehookabove
1EBC Ẽ *Ẽ* **Ẽ** ***Ẽ*** Etilde
1EBD ẽ *ẽ* **ẽ** ***ẽ*** etilde
1EBE Ế *Ế* **Ế** ***Ế*** Ecircumflexacute
1EBF ế *ế* **ế** ***ế*** ecircumflexacute
1EC0 Ề *Ề* **Ề** ***Ề*** Ecircumflexgrave
1EC1 ề *ề* **ề** ***ề*** ecircumflexgrave
1EC2 Ể *Ể* **Ể** ***Ể*** Ecircumflexhookabove
1EC3 ể *ể* **ể** ***ể*** ecircumflexhookabove
1EC4 Ễ *Ễ* **Ễ** ***Ễ*** Ecircumflextilde
1EC5 ễ *ễ* **ễ** ***ễ*** ecircumflextilde
1EC6 Ệ *Ệ* **Ệ** ***Ệ*** Ecircumflexdotbelow
1EC7 ệ *ệ* **ệ** ***ệ*** ecircumflexdotbelow
1EC8 Ỉ *Ỉ* **Ỉ** ***Ỉ*** Ihookabove
1EC9 ỉ *ỉ* **ỉ** ***ỉ*** ihookabove
1ECA Ị *Ị* **Ị** ***Ị*** Idotbelow
1ECB ị *ị* **ị** ***ị*** idotbelow
1ECC Ọ *Ọ* **Ọ** ***Ọ*** Odotbelow
1ECD ọ *ọ* **ọ** ***ọ*** odotbelow
1ECE Ỏ *Ỏ* **Ỏ** ***Ỏ*** Ohookabove
1ECF ỏ *ỏ* **ỏ** ***ỏ*** ohookabove
1ED0 Ố *Ố* **Ố** ***Ố*** Ocircumflexacute
1ED1 ố *ố* **ố** ***ố*** ocircumflexacute
1ED2 Ồ *Ồ* **Ồ** ***Ồ*** Ocircumflexgrave
1ED3 ồ *ồ* **ồ** ***ồ*** ocircumflexgrave
1ED4 Ổ *Ổ* **Ổ** ***Ổ*** Ocircumflexhookabove
1ED5 ổ *ổ* **ổ** ***ổ*** ocircumflexhookabove
1ED6 Ỗ *Ỗ* **Ỗ** ***Ỗ*** Ocircumflextilde
1ED7 ỗ *ỗ* **ỗ** ***ỗ*** ocircumflextilde
1ED8 Ộ *Ộ* **Ộ** ***Ộ*** Ocircumflexdotbelow
1ED9 ộ *ộ* **ộ** ***ộ*** ocircumflexdotbelow
1EDA Ớ *Ớ* **Ớ** ***Ớ*** Ohornacute
1EDB ớ *ớ* **ớ** ***ớ*** ohornacute
1EDC Ờ *Ờ* **Ờ** ***Ờ*** Ohorngrave
1EDD ờ *ờ* **ờ** ***ờ*** ohorngrave
1EDE Ở *Ở* **Ở** ***Ở*** Ohornhookabove
1EDF ở *ở* **ở** ***ở*** ohornhookabove
1EE0 Ỡ *Ỡ* **Ỡ** ***Ỡ*** Ohorntilde
1EE1 ỡ *ỡ* **ỡ** ***ỡ*** ohorntilde
1EE2 Ợ *Ợ* **Ợ** ***Ợ*** Ohorndotbelow
1EE3 ợ *ợ* **ợ** ***ợ*** ohorndotbelow
1EE4 Ụ *Ụ* **Ụ** ***Ụ*** Udotbelow
1EE5 ụ *ụ* **ụ** ***ụ*** udotbelow
1EE6 Ủ *Ủ* **Ủ** ***Ủ*** Uhookabove
1EE7 ủ *ủ* **ủ** ***ủ*** uhookabove
1EE8 Ứ *Ứ* **Ứ** ***Ứ*** Uhornacute

1EE9 Ứ Ứ **Ứ** ***Ứ*** uhornacute
1EEA Ừ Ừ **Ừ** ***Ừ*** Uhorngrave
1EEB ừ ừ **ừ** ***ừ*** uhorngrave
1EEC Ử Ử **Ử** ***Ử*** Uhornhookabove
1EED ử ử **ử** ***ử*** uhornhookabove
1EEE Ữ Ữ **Ữ** ***Ữ*** Uhorntilde
1EEF ữ ữ **ữ** ***ữ*** uhorntilde
1EF0 Ự Ự **Ự** ***Ự*** Uhorndotbelow
1EF1 ự ự **ự** ***ự*** uhorndotbelow
1EF2 Ỳ Ỳ **Ỳ** ***Ỳ*** Ygrave
1EF3 ỳ ỳ **ỳ** ***ỳ*** ygrave
1EF4 Ỵ Ỵ **Ỵ** ***Ỵ*** Ydotbelow
1EF5 ỵ ỵ **ỵ** ***ỵ*** ydotbelow
1EF6 Ỷ Ỷ **Ỷ** ***Ỷ*** Yhookabove
1EF7 ỷ ỷ **ỷ** ***ỷ*** yhookabove
1EF8 Ỹ Ỹ **Ỹ** ***Ỹ*** Ytilde
1EF9 ỹ ỹ **ỹ** ***ỹ*** ytilde
2000 uni2000
2001 uni2001
2002 uni2002
2003 uni2003
2004 uni2004
2005 uni2005
2006 uni2006
2007 uni2007
2008 uni2008
2009 uni2009
200A uni200A
200B uni200B
200C uni200C
200D uni200D
2010 ‐ ‐ **‐** **‐** hyphentwo
2011 ‐ ‐ **‐** **‐** uni2011
2012 ‒ ‒ **‒** **‒** figuredash
2013 – – **–** **–** endash
2014 — — **—** **—** emdash
2015 ― ― **―** **―** uni2015
2016 ‖ ‖ **‖** **‖** dblverticalbar
2017 ‗ ‗ **‗** **‗** uni2017
2018 ‘ ‘ **‘** **‘** quoteleft
2019 ’ ’ **’** **’** quoteright
201A ‚ ‚ **‚** **‚** quotesinglbase
201C “ “ **“** **“** quotedblleft
201D ” ” **”** **”** quotedblright
201E „ „ **„** **„** quotedblbase
2020 † † **†** **†** dagger
2021 ‡ ‡ **‡** **‡** daggerdbl
2022 • • **•** **•** bullet
2026 … … **…** **…** ellipsis
202F uni202F
2030 ‰ ‰ **‰** **‰** perthousand
2031 ‱ ‱ **‱** **‱** permyriad
2032 ′ ′ **′** **′** minute
2033 ″ ″ **″** **″** uni2033
2034 ‴ ‴ **‴** **‴** uni2034
2035 ‵ ‵ **‵** **‵** primereversed
2036 ‶ ‶ **‶** **‶** uni2036
2037 ‷ ‷ **‷** **‷** uni2037
2039 ‹ ‹ **‹** **‹** guilsinglleft
203A › › **›** **›** guilsinglright
203B ※ ※ **※** **※** referencemark
203D ‽ ‽ **‽** **‽** uni203D interrobang
203F ‿ ‿ **‿** **‿** uni203F
2040 ⁀ ⁀ **⁀** **⁀** uni2040
2044 ⁄ ⁄ **⁄** **⁄** fraction
2045 ⁅ ⁅ **⁅** **⁅** uni2045 quillbracketleft
2046 ⁆ ⁆ **⁆** **⁆** uni2046 quillbracketright
2052 ⁒ ⁒ **⁒** **⁒** discount
2054 ⁔ ⁔ **⁔** **⁔** uni2054
2057 ⁗ ⁗ **⁗** **⁗** uni2057
205F uni205F
2060 uni2060
2061 ⁡ ⁡ **⁡** **⁡** uni2061
2062 uni2062
2063 uni2063
2064 uni2064
20A1 ₡ ₡ **₡** **₡** colonmonetary
20A4 ₤ ₤ **₤** **₤** lira
20A6 ₦ ₦ **₦** **₦** uni20A6 naira
20A9 ₩ ₩ **₩** **₩** won
20AB ₫ ₫ **₫** **₫** dong
20AC € € **€** **€** Euro
20B1 ₱ ₱ **₱** **₱** uni20B1 peso
20B2 ₲ ₲ **₲** **₲** uni20B2 guarani
20BD ₽ ₽ **₽** **₽** uni20BD
20BF ₿ ₿ **₿** **₿** uni20BF
20D0 ⃐ ⃐ **⃐** **⃐** uni20D0

20D1 uni20D1

20D2  uni20D2

20D3  uni20D3

20D4 uni20D4

20D5 uni20D5

20D6 uni20D6

20D7 uni20D7

20D8 uni20D8

20DB uni20DB

20DC uni20DC

20DD  uni20DD

20DE  uni20DE

20DF  uni20DF

20E1  uni20E1

20E4  uni20E4

20E5  uni20E5

20E6  uni20E6

20E8 uni20E8

20E9 uni20E9

20EA  uni20EA

20EB  uni20EB

20EC uni20EC

20ED uni20ED

20EE uni20EE

20EF uni20EF

20F0 uni20F0

2103 ℃ ℃ ℃ ℃ centigrade

2107 Ɛ Ɛ Ɛ Ɛ uni2107

2109 ℉ ℉ ℉ ℉ fahrenheit

210F ℏ ℏ ℏ ℏ uni210F

2113 ℓ ℓ ℓ ℓ litre ell

2116 № № № № numero

2117 ℗ ℗ ℗ ℗ published

2118 ℘ ℘ ℘ ℘ weierstrass

211E ℞ ℞ ℞ ℞ recipe

2120 SM SM SM SM servicemark

2122 TM TM TM TM trademark

2126 Ω Ω Ω Ω uni2126 ohm

2127 ℧ ℧ ℧ ℧ uni2127 mho

212A K K K K uni212A

212B Å Å Å Å uni212B

212E ℮ ℮ ℮ ℮ estimated

2135 ℵ ℵ ℵ ℵ aleph

2136 ב ב ב ב uni2136

2137 ג ג ג ג uni2137

2138 ד ד ד ד uni2138

2190 ← ← ← ← arrowleft

2191 ↑ ↑ ↑ ↑ arrowup

2192 → → → → arrowright

2193 ↓ ↓ ↓ ↓ arrowdown

2194 ↔ ↔ ↔ ↔ arrowboth

2195 ↕ ↕ ↕ ↕ arrowupdn

2196 ↖ ↖ ↖ ↖ uni2196

2197 ↗ ↗ ↗ ↗ uni2197

2198 ↘ ↘ ↘ ↘ uni2198

2199 ↙ ↙ ↙ ↙ uni2199

219A ↚ ↚ ↚ ↚ uni219A

219B ↛ ↛ ↛ ↛ uni219B

219C ↜ ↜ ↜ ↜ uni219C

219D ↝ ↝ ↝ ↝ uni219D

219E ↞ ↞ ↞ ↞ uni219E

219F ↟ ↟ ↟ ↟ uni219F

21A0 ↠ ↠ ↠ ↠ uni21A0

21A1 ↡ ↡ ↡ ↡ uni21A1

21A2 ↢ ↢ ↢ ↢ uni21A2

21A3 ↣ ↣ ↣ ↣ uni21A3

21A4 ↤ ↤ ↤ ↤ uni21A4

21A5 ↥ ↥ ↥ ↥ uni21A5

21A6 ↦ ↦ ↦ ↦ uni21A6

21A7 ↧ ↧ ↧ ↧ uni21A7

21A9 ↩ ↩ ↩ ↩ uni21A9

21AA ↪ ↪ ↪ ↪ uni21AA

21AB ↫ ↫ ↫ ↫ uni21AB

21AC ↬ ↬ ↬ ↬ uni21AC

21AD ↭ ↭ ↭ ↭ uni21AD

21AE ↮ ↮ ↮ ↮ uni21AE

21AF ↯ ↯ ↯ ↯ uni21AF

21B0 ↰ ↰ ↰ ↰ uni21B0

21B1 ↱ ↱ ↱ ↱ uni21B1

21B2 ↲ ↲ ↲ ↲ uni21B2

21B3 ↳ ↳ ↳ ↳ uni21B3

21B4 ↴ ↴ ↴ ↴ uni21B4

21B5 ↵ ↵ ↵ ↵ carriagereturn

21B6 ↶ ↶ ↶ ↶ uni21B6

21B7 ↷ ↷ ↷ ↷ uni21B7

21BA ↺ ↺ ↺ ↺ uni21BA

21BB ↻ ↻ ↻ ↻ uni21BB

21BC ↼ ↼ ↼ ↼ uni21BC

21BD ← ← ← ← uni21BD
21BE ↾ ↾ ↾ ↾ uni21BE
21BF ↿ ↿ ↿ ↿ uni21BF
21C0 ⇀ ⇀ ⇀ ⇀ uni21C0
21C1 ⇁ ⇁ ⇁ ⇁ uni21C1
21C2 ⇂ ⇂ ⇂ ⇂ uni21C2
21C3 ⇃ ⇃ ⇃ ⇃ uni21C3
21C4 ⇄ ⇄ ⇄ ⇄ uni21C4
21C5 ⇅ ⇅ ⇅ ⇅ uni21C5
21C6 ⇆ ⇆ ⇆ ⇆ uni21C6
21C7 ⇇ ⇇ ⇇ ⇇ uni21C7
21C8 ⇈ ⇈ ⇈ ⇈ uni21C8
21C9 ⇉ ⇉ ⇉ ⇉ uni21C9
21CA ⇊ ⇊ ⇊ ⇊ uni21CA
21CB ⇋ ⇋ ⇋ ⇋ uni21CB
21CC ⇌ ⇌ ⇌ ⇌ uni21CC
21CD ⇍ ⇍ ⇍ ⇍ uni21CD
21CE ⇎ ⇎ ⇎ ⇎ uni21CE
21CF ⇏ ⇏ ⇏ ⇏ uni21CF
21D0 ⇐ ⇐ ⇐ ⇐ arrowdblleft
21D1 ⇑ ⇑ ⇑ ⇑ arrowdblup
21D2 ⇒ ⇒ ⇒ ⇒ arrowdblright
21D3 ⇓ ⇓ ⇓ ⇓ arrowdbldown
21D4 ⇔ ⇔ ⇔ ⇔ arrowdblboth
21D5 ⇕ ⇕ ⇕ ⇕ uni21D5
21D6 ⇖ ⇖ ⇖ ⇖ uni21D6
21D7 ⇗ ⇗ ⇗ ⇗ uni21D7
21D8 ⇘ ⇘ ⇘ ⇘ uni21D8
21D9 ⇙ ⇙ ⇙ ⇙ uni21D9
21DA ⇚ ⇚ ⇚ ⇚ uni21DA
21DB ⇛ ⇛ ⇛ ⇛ uni21DB
21DC ⇜ ⇜ ⇜ ⇜ uni21DC
21DD ⇝ ⇝ ⇝ ⇝ uni21DD
21E6 ⇦ ⇦ ⇦ ⇦ uni21E6
21E7 ⇧ ⇧ ⇧ ⇧ uni21E7
21E8 ⇨ ⇨ ⇨ ⇨ uni21E8
21E9 ⇩ ⇩ ⇩ ⇩ uni21E9
21F3 ⇳ ⇳ ⇳ ⇳ uni21F3
21F5 ⇵ ⇵ ⇵ ⇵ uni21F5
21F6 ⇶ ⇶ ⇶ ⇶ uni21F6
2200 ∀ ∀ ∀ ∀ universal
2201 ∁ ∁ ∁ ∁ uni2201
2202 ∂ ∂ ∂ ∂ partialdiff
2203 ∃ ∃ ∃ ∃ existential
2204 ∄ ∄ ∄ ∄ uni2204
2205 ∅ ∅ ∅ ∅ emptyset
2206 ∆ ∆ ∆ ∆ uni2206
2207 ∇ ∇ ∇ ∇ nabla
2208 ∈ ∈ ∈ ∈ element
2209 ∉ ∉ ∉ ∉ uni2209
220A ∊ ∊ ∊ ∊ uni220A
220B ∋ ∋ ∋ ∋ suchthat
220C ∌ ∌ ∌ ∌ uni220C
220D ∍ ∍ ∍ ∍ uni220D
220E ∎ ∎ ∎ ∎ uni220E
220F ∏ ∏ ∏ ∏ product
2210 ∐ ∐ ∐ ∐ uni2210
2211 ∑ ∑ ∑ ∑ summation
2212 − − − − minus
2213 ∓ ∓ ∓ ∓ minusplus
2214 ∔ ∔ ∔ ∔ uni2214
2215 ∕ ∕ ∕ ∕ uni2215
2216 ∖ ∖ ∖ ∖ uni2216
2217 ∗ ∗ ∗ ∗ asteriskmath
2218 ∘ ∘ ∘ ∘ uni2218
2219 ∙ ∙ ∙ ∙ bulletoperator
221A √ √ √ √ radical
221D ∝ ∝ ∝ ∝ proportional
221E ∞ ∞ ∞ ∞ infinity
221F ∟ ∟ ∟ ∟ uni221F
2220 ∠ ∠ ∠ ∠ angle
2221 ∡ ∡ ∡ ∡ uni2221
2222 ∢ ∢ ∢ ∢ uni2222 anglearc
2223 ∣ ∣ ∣ ∣ divides
2224 ∤ ∤ ∤ ∤ uni2224
2225 ∥ ∥ ∥ ∥ parallel
2226 ∦ ∦ ∦ ∦ uni2226
2227 ∧ ∧ ∧ ∧ logicaland
2228 ∨ ∨ ∨ ∨ logicalor
2229 ∩ ∩ ∩ ∩ intersection
222A ∪ ∪ ∪ ∪ union
222B ∫ ∫ ∫ ∫ integral
222C ∬ ∬ ∬ ∬ uni222C
222D ∭ ∭ ∭ ∭ uni222D
222E ∮ ∮ ∮ ∮ contourintegral
222F ∯ ∯ ∯ ∯ uni222F
2230 ∰ ∰ ∰ ∰ uni2230
2231 ∱ ∱ ∱ ∱ uni2231

2232 ∲ ∲ ∲ ∲ uni2232

2233 ∳ ∳ ∳ ∳ uni2233

2234 ∴ ∴ ∴ ∴ therefore

2235 ∵ ∵ ∵ ∵ because

2236 ∶ ∶ ∶ ∶ ratio

2237 ∷ ∷ ∷ ∷ proportion

2238 ∸ ∸ ∸ ∸ uni2238

2239 ∹ ∹ ∹ ∹ uni2239

223A ∺ ∺ ∺ ∺ uni223A

223B ∻ ∻ ∻ ∻ uni223B

223C ∼ ∼ ∼ ∼ similar

223D ∽ ∽ ∽ ∽ uni223D

223E ∾ ∾ ∾ ∾ uni223E

223F ∿ ∿ ∿ ∿ uni223F

2240 ≀ ≀ ≀ ≀ uni2240

2241 ≁ ≁ ≁ ≁ uni2241

2242 ≂ ≂ ≂ ≂ uni2242

2243 ≃ ≃ ≃ ≃ similar_equal

2244 ≄ ≄ ≄ ≄ uni2244

2245 ≅ ≅ ≅ ≅ uni2245

2246 ≆ ≆ ≆ ≆ uni2246

2247 ≇ ≇ ≇ ≇ uni2247

2248 ≈ ≈ ≈ ≈ approxequal

2249 ≉ ≉ ≉ ≉ uni2249

224A ≊ ≊ ≊ ≊ uni224A

224B ≋ ≋ ≋ ≋ uni224B

224C ≌ ≌ ≌ ≌ uni224C

224D ≍ ≍ ≍ ≍ uni224D

224E ≎ ≎ ≎ ≎ uni224E

224F ≏ ≏ ≏ ≏ uni224F

2250 ≐ ≐ ≐ ≐ uni2250

2251 ≑ ≑ ≑ ≑ uni2251

2252 ≒ ≒ ≒ ≒ uni2252

2253 ≓ ≓ ≓ ≓ uni2253

2254 ≔ ≔ ≔ ≔ uni2254

2255 ≕ ≕ ≕ ≕ uni2255

2256 ≖ ≖ ≖ ≖ uni2256

2257 ≗ ≗ ≗ ≗ uni2257

2258 ≘ ≘ ≘ ≘ uni2258

2259 ≙ ≙ ≙ ≙ uni2259

225A ≚ ≚ ≚ ≚ uni225A

225B ≛ ≛ ≛ ≛ uni225B

225C ≜ ≜ ≜ ≜ uni225C

225D ≝ ≝ ≝ ≝ uni225D

225E ≞ ≞ ≞ ≞ uni225E

225F ≟ ≟ ≟ ≟ uni225F

2260 ≠ ≠ ≠ ≠ notequal

2261 ≡ ≡ ≡ ≡ equivalence

2262 ≢ ≢ ≢ ≢ uni2262

2263 ≣ ≣ ≣ ≣ uni2263

2264 ≤ ≤ ≤ ≤ lessequal

2265 ≥ ≥ ≥ ≥ greaterequal

2266 ≦ ≦ ≦ ≦ uni2266

2267 ≧ ≧ ≧ ≧ uni2267

2268 ≨ ≨ ≨ ≨ uni2268

2269 ≩ ≩ ≩ ≩ uni2269

226A ≪ ≪ ≪ ≪ lessmuch

226B ≫ ≫ ≫ ≫ greatermuch

226C ≬ ≬ ≬ ≬ uni226C

226D ≠ ≠ ≠ ≠ uni226D

226E ≮ ≮ ≮ ≮ uni226E

226F ≯ ≯ ≯ ≯ uni226F

2270 ≰ ≰ ≰ ≰ uni2270

2271 ≱ ≱ ≱ ≱ uni2271

2272 ≲ ≲ ≲ ≲ uni2272

2273 ≳ ≳ ≳ ≳ uni2273

2274 ≴ ≴ ≴ ≴ uni2274

2275 ≵ ≵ ≵ ≵ uni2275

2276 ≶ ≶ ≶ ≶ uni2276

2277 ≷ ≷ ≷ ≷ uni2277

2278 ≸ ≸ ≸ ≸ uni2278

2279 ≹ ≹ ≹ ≹ uni2279

227A ≺ ≺ ≺ ≺ uni227A

227B ≻ ≻ ≻ ≻ uni227B

227C ≼ ≼ ≼ ≼ uni227C

227D ≽ ≽ ≽ ≽ uni227D

227E ≾ ≾ ≾ ≾ uni227E

227F ≿ ≿ ≿ ≿ uni227F

2280 ⊀ ⊀ ⊀ ⊀ uni2280

2281 ⊁ ⊁ ⊁ ⊁ uni2281

2282 ⊂ ⊂ ⊂ ⊂ propersubset

2283 ⊃ ⊃ ⊃ ⊃ propersuperset

2284 ⊄ ⊄ ⊄ ⊄ uni2284

2285 ⊅ ⊅ ⊅ ⊅ uni2285

2286 ⊆ ⊆ ⊆ ⊆ reflexsubset

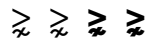
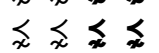
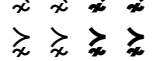
2287 ⊇ ⊇ ⊇ ⊇ reflexsuperset

2288 ⊈ ⊈ ⊈ ⊈ uni2288

2289 ⊉ ⊉ ⊉ ⊉ uni2289

228A ⊊ ⊊ ⊊ ⊊ uni228A

228B ⊋ ⊋ ⊋ ⊋ uni228B
228C ⊌ ⊌ ⊌ ⊌ uni228C
228D ⊍ ⊍ ⊍ ⊍ uni228D
228E ⊎ ⊎ ⊎ ⊎ uni228E
228F ⊏ ⊏ ⊏ ⊏ uni228F
2290 ⊐ ⊐ ⊐ ⊐ uni2290
2291 ⊑ ⊑ ⊑ ⊑ uni2291
2292 ⊒ ⊒ ⊒ ⊒ uni2292
2293 ⊓ ⊓ ⊓ ⊓ uni2293
2294 ⊔ ⊔ ⊔ ⊔ uni2294
2295 ⊕ ⊕ ⊕ ⊕ circleplus
2296 ⊖ ⊖ ⊖ ⊖ uni2296
2297 ⊗ ⊗ ⊗ ⊗ circlemultiply
2298 ⊘ ⊘ ⊘ ⊘ circledivide
2299 ⊙ ⊙ ⊙ ⊙ circledot
229A ⊚ ⊚ ⊚ ⊚ uni229A
229B ⊛ ⊛ ⊛ ⊛ uni229B
229C ⊜ ⊜ ⊜ ⊜ uni229C
229D ⊝ ⊝ ⊝ ⊝ uni229D
229E ⊞ ⊞ ⊞ ⊞ uni229E
229F ⊟ ⊟ ⊟ ⊟ uni229F
22A0 ⊠ ⊠ ⊠ ⊠ uni22A0
22A1 ⊡ ⊡ ⊡ ⊡ uni22A1
22A2 ⊢ ⊢ ⊢ ⊢ uni22A2
22A3 ⊣ ⊣ ⊣ ⊣ uni22A3
22A4 ⊤ ⊤ ⊤ ⊤ uni22A4
22A5 ⊥ ⊥ ⊥ ⊥ uni22A5
22A6 ⊦ ⊦ ⊦ ⊦ uni22A6
22A7 ⊧ ⊧ ⊧ ⊧ uni22A7
22A8 ⊨ ⊨ ⊨ ⊨ uni22A8
22A9 ⊩ ⊩ ⊩ ⊩ uni22A9
22AA ⊪ ⊪ ⊪ ⊪ uni22AA
22AB ⊫ ⊫ ⊫ ⊫ uni22AB
22AC ⊬ ⊬ ⊬ ⊬ uni22AC
22AD ⊭ ⊭ ⊭ ⊭ uni22AD
22AE ⊮ ⊮ ⊮ ⊮ uni22AE
22AF ⊯ ⊯ ⊯ ⊯ uni22AF
22B2 ◁ ◁ ◁ ◁ uni22B2
22B3 ▷ ▷ ▷ ▷ uni22B3
22B4 ⊴ ⊴ ⊴ ⊴ uni22B4
22B5 ⊵ ⊵ ⊵ ⊵ uni22B5
22B6 ⊶ ⊶ ⊶ ⊶ uni22B6
22B7 ⊷ ⊷ ⊷ ⊷ uni22B7
22B8 ⊸ ⊸ ⊸ ⊸ uni22B8
22B9 ⊹ ⊹ ⊹ ⊹ uni22B9
22BA ⊺ ⊺ ⊺ ⊺ uni22BA
22BB ⊻ ⊻ ⊻ ⊻ uni22BB
22BC ⊼ ⊼ ⊼ ⊼ uni22BC
22BD ⊽ ⊽ ⊽ ⊽ uni22BD
22BE ⊾ ⊾ ⊾ ⊾ uni22BE
22BF ⊿ ⊿ ⊿ ⊿ uni22BF
22C0 ⋀ ⋀ ⋀ ⋀ uni22C0
22C1 ⋁ ⋁ ⋁ ⋁ uni22C1
22C2 ⋂ ⋂ ⋂ ⋂ uni22C2
22C3 ⋃ ⋃ ⋃ ⋃ uni22C3
22C4 ⋄ ⋄ ⋄ ⋄ uni22C4
22C5 ⋅ ⋅ ⋅ ⋅ uni22C5
22C6 ⋆ ⋆ ⋆ ⋆ uni22C6
22C7 ⋇ ⋇ ⋇ ⋇ uni22C7
22C8 ⋈ ⋈ ⋈ ⋈ uni22C8
22C9 ⋉ ⋉ ⋉ ⋉ uni22C9
22CA ⋊ ⋊ ⋊ ⋊ uni22CA
22CB ⋋ ⋋ ⋋ ⋋ uni22CB
22CC ⋌ ⋌ ⋌ ⋌ uni22CC
22CD ⋍ ⋍ ⋍ ⋍ uni22CD
22CE ⋎ ⋎ ⋎ ⋎ uni22CE
22CF ⋏ ⋏ ⋏ ⋏ uni22CF
22D0 ⋐ ⋐ ⋐ ⋐ uni22D0
22D1 ⋑ ⋑ ⋑ ⋑ uni22D1
22D2 ⋒ ⋒ ⋒ ⋒ uni22D2
22D3 ⋓ ⋓ ⋓ ⋓ uni22D3
22D5 ⋕ ⋕ ⋕ ⋕ uni22D5
22D6 ⋖ ⋖ ⋖ ⋖ uni22D6
22D7 ⋗ ⋗ ⋗ ⋗ uni22D7
22D8 ⋘ ⋘ ⋘ ⋘ uni22D8
22D9 ⋙ ⋙ ⋙ ⋙ uni22D9
22DA ⋚ ⋚ ⋚ ⋚ uni22DA
22DB ⋛ ⋛ ⋛ ⋛ uni22DB
22DC ⋜ ⋜ ⋜ ⋜ uni22DC
22DD ⋝ ⋝ ⋝ ⋝ uni22DD
22DE ⋞ ⋞ ⋞ ⋞ uni22DE
22DF ⋟ ⋟ ⋟ ⋟ uni22DF
22E0 ⋠ ⋠ ⋠ ⋠ uni22E0
22E1 ⋡ ⋡ ⋡ ⋡ uni22E1
22E2 ⋢ ⋢ ⋢ ⋢ uni22E2
22E3 ⋣ ⋣ ⋣ ⋣ uni22E3
22E4 ⋤ ⋤ ⋤ ⋤ uni22E4
22E5 ⋥ ⋥ ⋥ ⋥ uni22E5
22E6 ⋦ ⋦ ⋦ ⋦ uni22E6

22E7  uni22E7
22E8  uni22E8
22E9  uni22E9
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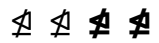
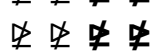
22EB  uni22EB
22EC  uni22EC
22ED  uni22ED
22EE  uni22EE
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22F0 uni22F0
22F1 uni22F1
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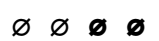
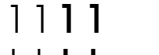
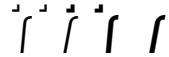
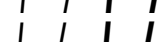
2305  uni2305
2306 uni2306
2308 uni2308
2309  uni2309
230A  uni230A
230B  uni230B
2310  revlogicalnot
2319  uni2319
231C  uni231C
231D uni231D
231E uni231E
231F uni231F
2320 integraltp
2321 integralbt
2322 uni2322
2323 uni2323
2329  angleleft
232A  angleright
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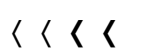
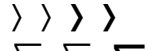
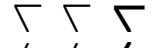
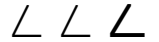
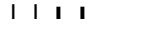
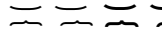
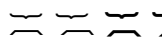
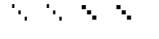
23B3 uni23B3
23B4 uni23B4
23B5  uni23B5
23D0  uni23D0
23DC  uni23DC
23DD  uni23DD
23DE  uni23DE
23DF uni23DF
23E0 uni23E0
23E1 uni23E1
2422  blanksymbol
2423 uni2423
2500 SF100000
2502  SF110000
250C SF010000
2510  SF030000
2514 SF020000
2518 SF040000
251C  SF080000
2524 SF090000
252C SF060000
2534 SF070000
253C SF050000
2581 uni2581
2588 block
2591 ltshade
2592 shade
2593 dkshade
25A0 filledbox
25A1 H22073
25AA H18543
25AB H18551
25AC filledrect
25AD uni25AD
25B2 triagup
25B3 uni25B3
25B6 uni25B6
25B7 uni25B7
25BC triagdn
25BD  uni25BD
25C0 uni25C0
25C1 uni25C1
25CA lozenge
25CB  circle bigcircle
25CF H18533
25E6 openbullet
25EF  uni25EF
2660 spade
2661 heartsuitwhite
2662 diamondsuitwhite
2663 club
2664 spadesuitwhite
2665 heart
2666 diamond
2667 clubsuitwhite
266A musicalnote
266D musicflatsign

266E ♮ ♮ ♮ ♮ uni266E
266F ♯ ♯ ♯ ♯ musicsharpsign
26AD ⚭ ⚭ ⚭ ⚭ married
26AE ⚮ ⚮ ⚮ ⚮ divorced
2713 ✓ ✓ ✓ ✓ checkmark
2720 ✠ ✠ ✠ ✠ uni2720
27A1 ➡ ➡ ➡ ➡ uni27A1
27C2 ⊥ ⊥ ⊥ ⊥ uni27C2
27D8 ⊥ ⊥ ⊥ ⊥ uni27D8
27D9 ⊤ ⊤ ⊤ ⊤ uni27D9
27DA ⫩ ⫩ ⫩ ⫩ uni27DA
27DB ⫟ ⫟ ⫟ ⫟ uni27DB
27DC ⫞ ⫞ ⫞ ⫞ uni27DC
27DD ⊢ ⊢ ⊢ ⊢ uni27DD
27DE ⊣ ⊣ ⊣ ⊣ uni27DE
27E0 ⟠ ⟠ ⟠ ⟠ uni27E0
27E1 ⟡ ⟡ ⟡ ⟡ uni27E1
27E2 ⟢ ⟢ ⟢ ⟢ uni27E2
27E3 ⟣ ⟣ ⟣ ⟣ uni27E3
27E6 ⟦ ⟦ ⟦ ⟦ uni27E6 dblbracketleft
27E7 ⟧ ⟧ ⟧ ⟧ uni27E7 dblbracketright
27E8 ⟨ ⟨ ⟨ ⟨ uni27E8
27E9 ⟩ ⟩ ⟩ ⟩ uni27E9
27EA ⟪ ⟪ ⟪ ⟪ uni27EA
27EB ⟫ ⟫ ⟫ ⟫ uni27EB
27EE ((((uni27EE
27EF)))) uni27EF
27F4 ⟴ ⟴ ⟴ ⟴ uni27F4
27F5 ⟵ ⟵ ⟵ ⟵ uni27F5
27F6 ⟶ ⟶ ⟶ ⟶ uni27F6
27F7 ⟷ ⟷ ⟷ ⟷ uni27F7
27F8 ⟸ ⟸ ⟸ ⟸ uni27F8
27F9 ⟹ ⟹ ⟹ ⟹ uni27F9
27FA ⟺ ⟺ ⟺ ⟺ uni27FA
27FB ⟻ ⟻ ⟻ ⟻ uni27FB
27FC ⟼ ⟼ ⟼ ⟼ uni27FC
27FD ⟽ ⟽ ⟽ ⟽ uni27FD
27FE ⟾ ⟾ ⟾ ⟾ uni27FE
27FF ⟿ ⟿ ⟿ ⟿ uni27FF
2906 ⤆ ⤆ ⤆ ⤆ uni2906
2907 ⤇ ⤇ ⤇ ⤇ uni2907
2933 ⤳ ⤳ ⤳ ⤳ uni2933
2A00 ⨀ ⨀ ⨀ ⨀ uni2A00
2A01 ⨁ ⨁ ⨁ ⨁ uni2A01
2A02 ⨂ ⨂ ⨂ ⨂ uni2A02
2A03 ⨃ ⨃ ⨃ ⨃ uni2A03
2A04 ⨄ ⨄ ⨄ ⨄ uni2A04
2A05 ⨅ ⨅ ⨅ ⨅ uni2A05
2A06 ⨆ ⨆ ⨆ ⨆ uni2A06
2A09 ⨉ ⨉ ⨉ ⨉ uni2A09
2A0C ⨌ ⨌ ⨌ ⨌ uni2A0C
2A11 ⨑ ⨑ ⨑ ⨑ uni2A11
2A2F × × × × uni2A2F
2A3F ⨿ ⨿ ⨿ ⨿ uni2A3F
2A7D ⩽ ⩽ ⩽ ⩽ uni2A7D
2A7E ⩾ ⩾ ⩾ ⩾ uni2A7E
2A85 ⪅ ⪅ ⪅ ⪅ uni2A85
2A86 ⪆ ⪆ ⪆ ⪆ uni2A86
2A87 ⪇ ⪇ ⪇ ⪇ uni2A87
2A88 ⪈ ⪈ ⪈ ⪈ uni2A88
2A89 ⪉ ⪉ ⪉ ⪉ uni2A89
2A8A ⪊ ⪊ ⪊ ⪊ uni2A8A
2A8B ⪋ ⪋ ⪋ ⪋ uni2A8B
2A8C ⪌ ⪌ ⪌ ⪌ uni2A8C
2A95 ⪕ ⪕ ⪕ ⪕ uni2A95
2A96 ⪖ ⪖ ⪖ ⪖ uni2A96
2AAF ⪯ ⪯ ⪯ ⪯ uni2AAF
2AB0 ⪰ ⪰ ⪰ ⪰ uni2AB0
2B04 ⬄ ⬄ ⬄ ⬄ uni2B04
2B05 ⬅ ⬅ ⬅ ⬅ uni2B05
2B06 ⬆ ⬆ ⬆ ⬆ uni2B06
2B07 ⬇ ⬇ ⬇ ⬇ uni2B07
2B0C ⬌ ⬌ ⬌ ⬌ uni2B0C
2B0D ⬍ ⬍ ⬍ ⬍ uni2B0D
2B1A ⬚ ⬚ ⬚ ⬚ uni2B1A
2B31 ⬱ ⬱ ⬱ ⬱ uni2B31
2B33 ⬳ ⬳ ⬳ ⬳ uni2B33
2B3F ⬿ ⬿ ⬿ ⬿ uni2B3F
2E18 ⸘ ⸘ ⸘ ⸘ uni2E18 gnaborretni
2E40 ⹀ ⹀ ⹀ ⹀ hyphendbl
3016 〖 〖 〖 〖 whitelenticularbracketleft
3017 〗 〗 〗 〗 whitelenticularbracketright

CS (CS TUG) encoding table (cs-qag*.tfm)

0 x00 Γ
1 x01 Δ
2 x02 Θ
3 x03 Λ
4 x04 Ξ
5 x05 Π
6 x06 Σ
7 x07 Υ
8 x08 Φ
9 x09 Ψ
10 x0A Ω
11 x0B ff
12 x0C fi
13 x0D fl
14 x0E ffi
15 x0F ffl
16 x10 ı
17 x11 ȷ
18 x12 `
19 x13 ´
20 x14 ˇ
21 x15 ˘
22 x16 ¯
23 x17 °
24 x18 ¸
25 x19 ß
26 x1A æ
27 x1B œ
28 x1C ø
29 x1D Æ
30 x1E Œ
31 x1F Ø
32 x20
33 x21 !
34 x22 "
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C ¡
61 x3D =
62 x3E ¿
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C \
93 x5D]
94 x5E ^
95 x5F _
96 x60 ‘
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B –
124 x7C —
125 x7D ˝
126 x7E ~
127 x7F ¨
128 x80 ...
129 x81 †
130 x82 ‡
131 x83 •
132 x84 „
133 x85 ¶
134 x86 €
136 x88 ™
137 x89 ©
138 x8A ®
141 x8D ‰
142 x8E ‹
143 x8F ›
144 x90 ∏
149 x95 ff
150 x96 ◊
151 x97 ſ
152 x98 À
154 x9A ‚
156 x9C ‼
157 x9D ¸
158 x9E «
159 x9F »
161 xA1 Ą
163 xA3 Ł
164 xA4 ¤
165 xA5 Ľ
166 xA6 Ś
167 xA7 §
169 xA9 Š
170 xAA Ş
171 xAB Ť
172 xAC Ź
174 xAE Ž
175 xAF Ż
176 xB0 °
177 xB1 ą
179 xB3 ł
181 xB5 ľ
182 xB6 ś
184 xB8 ¸
185 xB9 š
186 xBA ş
187 xBB ť
188 xBC ź
189 xBD ˝
190 xBE ž
191 xBF ż
192 xC0 Ŕ
193 xC1 Á
194 xC2 Â
195 xC3 Ă
196 xC4 Ä
197 xC5 Ĺ
198 xC6 Ć
199 xC7 Ç
200 xC8 Č
201 xC9 É
202 xCA Ę
203 xCB Ë
204 xCC Ě
205 xCD Í
206 xCE Î
207 xCF Ď
208 xD0 Đ
209 xD1 Ń
210 xD2 Ň
211 xD3 Ó
212 xD4 Ô
213 xD5 Ő
214 xD6 Ö
215 xD7 ×
216 xD8 Ř
217 xD9 Ů
218 xDA Ú
219 xDB Ű
220 xDC Ü
221 xDD Ý
222 xDE Ţ
224 xE0 ŕ
225 xE1 á
226 xE2 â
227 xE3 ă
228 xE4 ä
229 xE5 ĺ
230 xE6 ć
231 xE7 ç
232 xE8 č
233 xE9 é
234 xEA ę
235 xEB ë
236 xEC ě
237 xED í
238 xEE î
239 xEF ď
240 xF0 đ
241 xF1 ń
242 xF2 ň
243 xF3 ó
244 xF4 ô
245 xF5 ő
246 xF6 ö
247 xF7 ÷
248 xF8 ř
249 xF9 ů
250 xFA ú
251 xFB ű
252 xFC ü
253 xFD ý
254 xFE „
255 xFF ˙

CS (CS TUG) small caps encoding table (cs-qag*-sc.tfm)

0 x00 Γ
1 x01 Δ
2 x02 Θ
3 x03 Λ
4 x04 Ξ
5 x05 Π
6 x06 Σ
7 x07 Υ
8 x08 Φ
9 x09 Ψ
10 x0A Ω

16 x10 ff
17 x11 fi
18 x12 fl
19 x13 ffi
20 x14 ffl
21 x15 ı
22 x16 ȷ
23 x17 `
24 x18 ´
25 x19 ˇ
26 x1A ˘
27 x1B ¯
28 x1C ˚
29 x1D ¸
30 x1E ß
31 x1F æ
32 x20
33 x21 !
34 x22 "
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 '
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C ¡
61 x3D =
62 x3E ¿
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C \
93 x5D]
94 x5E ^
95 x5F _
96 x60 `
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B –
124 x7C —
125 x7D ˝
126 x7E ~
127 x7F ¨
128 x80 …
129 x81 †
130 x82 ‡
131 x83 •
132 x84 „
133 x85 ¶
134 x86 €

136 x88 ™
137 x89 ©
138 x8A ®

141 x8D ‰
142 x8E ‹
143 x8F ›
144 x90 π

150 x96 ◊
151 x97 ƒ
152 x98 À

154 x9A ‚

156 x9C ‡
157 x9D ¸
158 x9E «
159 x9F »

161 xA1 Ą

163 xA3 Ł
164 xA4 ¤
165 xA5 Ľ
166 xA6 Ś
167 xA7 §

169 xA9 Š
170 xAA Ş
171 xAB Ť
172 xAC Ź

174 xAE Ž
175 xAF Ż
176 xB0 °
177 xB1 ą

179 xB3 ł

181 xB5 ľ
182 xB6 ś

184 xB8 à
185 xB9 š
186 xBA ş
187 xBB ť
188 xBC ź
189 xBD ˛
190 xBE ž
191 xBF ż
192 xC0 Ŕ
193 xC1 Á
194 xC2 Â
195 xC3 Ă
196 xC4 Ä
197 xC5 Ĺ
198 xC6 Ć
199 xC7 Ç
200 xC8 Č
201 xC9 É
202 xCA Ę
203 xCB Ë
204 xCC Ě
205 xCD Í
206 xCE Î
207 xCF Ď
208 xD0 Đ
209 xD1 Ń
210 xD2 Ň
211 xD3 Ó
212 xD4 Ô
213 xD5 Ő
214 xD6 Ö
215 xD7 ×
216 xD8 Ř
217 xD9 Ů
218 xDA Ú
219 xDB Ű
220 xDC Ü
221 xDD Ý
222 xDE Ţ

224 xE0 ŕ
225 xE1 á
226 xE2 â
227 xE3 ă
228 xE4 ä
229 xE5 ĺ
230 xE6 ć
231 xE7 ç
232 xE8 č
233 xE9 é
234 xEA ę
235 xEB ë
236 xEC ě
237 xED í
238 xEE î
239 xEF ď
240 xF0 đ
241 xF1 ń
242 xF2 ň
243 xF3 ó
244 xF4 ô
245 xF5 ő
246 xF6 ö
247 xF7 ÷
248 xF8 ř
249 xF9 ů
250 xFA ú
251 xFB ű
252 xFC ü
253 xFD ý
254 xFE „
255 xFF ˙

EC (Cork aka T1) encoding table (ec-qag*.tfm)

0 x00	37 x25 %	74 x4A J	111 x6F o	148 x94 ˝	185 xB9 ź	222 xDE Þ
1 x01	38 x26 &	75 x4B K	112 x70 p	149 x95 ˛	186 xBA ž	223 xDF SS
2 x02	39 x27 ’	76 x4C L	113 x71 q	150 x96 Ű	187 xBB ż	224 xE0 à
3 x03	40 x28 (	77 x4D M	114 x72 r	151 x97 ů	188 xBC ij	225 xE1 á
4 x04	41 x29)	78 x4E N	115 x73 s	152 x98 ÿ	189 xBD ¡	226 xE2 â
5 x05	42 x2A *	79 x4F O	116 x74 t	153 x99 Ź	190 xBE ¿	227 xE3 ã
6 x06	43 x2B +	80 x50 P	117 x75 u	154 x9A Ž	191 xBF £	228 xE4 ä
7 x07	44 x2C ,	81 x51 Q	118 x76 v	155 x9B Ż	192 xC0 À	229 xE5 å
8 x08	45 x2D -	82 x52 R	119 x77 w	156 x9C IJ	193 xC1 Á	230 xE6 æ
9 x09	46 x2E .	83 x53 S	120 x78 x	157 x9D İ	194 xC2 Â	231 xE7 ç
10 x0A	47 x2F /	84 x54 T	121 x79 y	158 x9E đ	195 xC3 Ã	232 xE8 è
11 x0B	48 x30 0	85 x55 U	122 x7A z	159 x9F §	196 xC4 Ä	233 xE9 é
12 x0C	49 x31 1	86 x56 V	123 x7B {	160 xA0 ğ	197 xC5 Å	234 xEA ê
13 x0D	50 x32 2	87 x57 W	124 x7C |	161 xA1 ą	198 xC6 Æ	235 xEB ë
14 x0E	51 x33 3	88 x58 X	125 x7D }	162 xA2 ć	199 xC7 Ç	236 xEC ì
15 x0F	52 x34 4	89 x59 Y	126 x7E ~	163 xA3 č	200 xC8 È	237 xED í
16 x10	53 x35 5	90 x5A Z	127 x7F ¨	164 xA4 ď	201 xC9 É	238 xEE î
17 x11	54 x36 6	91 x5B [	128 x80 Ă	165 xA5 ě	202 xCA Ê	239 xEF ï
18 x12	55 x37 7	92 x5C \	129 x81 Ą	166 xA6 ę	203 xCB Ë	240 xF0 ð
19 x13	56 x38 8	93 x5D]	130 x82 Ć	167 xA7 ğ	204 xCC Ì	241 xF1 ñ
20 x14	57 x39 9	94 x5E ^	131 x83 Č	168 xA8 ĺ	205 xCD Í	242 xF2 ò
21 x15	58 x3A :	95 x5F _	132 x84 Ď	169 xA9 ľ	206 xCE Î	243 xF3 ó
22 x16	59 x3B ;	96 x60 `	133 x85 Ě	170 xAA ł	207 xCF Ï	244 xF4 ô
23 x17	60 x3C <	97 x61 a	134 x86 Ę	171 xAB ń	208 xD0 Đ	245 xF5 õ
24 x18	61 x3D =	98 x62 b	135 x87 Ğ	172 xAC ň	209 xD1 Ñ	246 xF6 ö
25 x19	62 x3E >	99 x63 c	136 x88 Ĺ	173 xAD ŋ	210 xD2 Ò	247 xF7 œ
26 x1A	63 x3F ?	100 x64 d	137 x89 Ľ	174 xAE ő	211 xD3 Ó	248 xF8 ø
27 x1B ff	64 x40 @	101 x65 e	138 x8A Ł	175 xAF ŕ	212 xD4 Ô	249 xF9 ù
28 x1C fi	65 x41 A	102 x66 f	139 x8B Ń	176 xB0 ř	213 xD5 Õ	250 xFA ú
29 x1D fl	66 x42 B	103 x67 g	140 x8C Ň	177 xB1 ś	214 xD6 Ö	251 xFB û
30 x1E ffi	67 x43 C	104 x68 h	141 x8D Ŋ	178 xB2 š	215 xD7 Œ	252 xFC ü
31 x1F ffl	68 x44 D	105 x69 i	142 x8E Ő	179 xB3 ş	216 xD8 Ø	253 xFD ý
32 x20	69 x45 E	106 x6A j	143 x8F Ŕ	180 xB4 ť	217 xD9 Ù	254 xFE þ
33 x21 !	70 x46 F	107 x6B k	144 x90 Ř	181 xB5 ţ	218 xDA Ú	255 xFF ß
34 x22 "	71 x47 G	108 x6C l	145 x91 Ś	182 xB6 ű	219 xDB Û	
35 x23 #	72 x48 H	109 x6D m	146 x92 Š	183 xB7 ů	220 xDC Ü	
36 x24 $	73 x49 I	110 x6E n	147 x93 Ş	184 xB8 ÿ	221 xDD Ý	

EC (Cork aka T1) small caps encoding table (ec-qag*-sc.tfm)

0 x00 ˋ
1 x01 ´
2 x02 ˆ
3 x03 ˜
4 x04 ¨
5 x05 ˝
6 x06 °
7 x07 ˇ
8 x08 ˘
9 x09 ¯
10 x0A ˚
11 x0B ¸
12 x0C ˛
13 x0D ‚
14 x0E «
15 x0F »
16 x10 ‘
17 x11 ”
18 x12 „
19 x13 «
20 x14 »
21 x15 –
22 x16 —
23 x17 ı
24 x18 ȷ
25 x19 ff
26 x1A fi
32 x20 ␣
33 x21 !
34 x22 "
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C <
61 x3D =
62 x3E >
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C \
93 x5D]
94 x5E ^
95 x5F _
96 x60 `
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B {
124 x7C |
125 x7D }
126 x7E ~
127 x7F ¨
128 x80 Ă
129 x81 Ą
130 x82 Ć
131 x83 Č
132 x84 Ď
133 x85 Ě
134 x86 Ę
135 x87 Ğ
136 x88 Ĺ
137 x89 Ľ
138 x8A Ł
139 x8B Ń
140 x8C Ň
141 x8D Ŋ
142 x8E Ő
143 x8F Ŕ
144 x90 Ř
145 x91 Ś
146 x92 Š
147 x93 Ş
148 x94 Ť
149 x95 Ţ
150 x96 Ű
151 x97 Ů
152 x98 Ÿ
153 x99 Ź
154 x9A Ž
155 x9B Ż
156 x9C IJ
157 x9D İ
158 x9E Đ
159 x9F §
160 xA0 ă
161 xA1 ą
162 xA2 ć
163 xA3 č
164 xA4 ď
165 xA5 ě
166 xA6 ę
167 xA7 ğ
168 xA8 ĺ
169 xA9 ľ
170 xAA ł
171 xAB ń
172 xAC ň
173 xAD ŋ
174 xAE ő
175 xAF ŕ
176 xB0 ř
177 xB1 ś
178 xB2 š
179 xB3 ş
180 xB4 ť
181 xB5 ţ
182 xB6 ű
183 xB7 ů
184 xB8 ÿ
185 xB9 ź
186 xBA ž
187 xBB ż
188 xBC ij
189 xBD ¡
190 xBE ¿
191 xBF £
192 xC0 À
193 xC1 Á
194 xC2 Â
195 xC3 Ã
196 xC4 Ä
197 xC5 Å
198 xC6 Æ
199 xC7 Ç
200 xC8 È
201 xC9 É
202 xCA Ê
203 xCB Ë
204 xCC Ì
205 xCD Í
206 xCE Î
207 xCF Ï
208 xD0 Đ
209 xD1 Ñ
210 xD2 Ò
211 xD3 Ó
212 xD4 Ô
213 xD5 Õ
214 xD6 Ö
215 xD7 Œ
216 xD8 Ø
217 xD9 Ù
218 xDA Ú
219 xDB Û
220 xDC Ü
221 xDD Ý
222 xDE Þ
223 xDF SS
224 xE0 à
225 xE1 á
226 xE2 â
227 xE3 ã
228 xE4 ä
229 xE5 å
230 xE6 æ
231 xE7 ç
232 xE8 è
233 xE9 é
234 xEA ê
235 xEB ë
236 xEC ì
237 xED í
238 xEE î
239 xEF ï
240 xF0 ð
241 xF1 ñ
242 xF2 ò
243 xF3 ó
244 xF4 ô
245 xF5 õ
246 xF6 ö
247 xF7 œ
248 xF8 ø
249 xF9 ù
250 xFA ú
251 xFB û
252 xFC ü
253 xFD ý
254 xFE þ
255 xFF ss

L7x (Lithuanian) encoding table (l7x-qag*.tfm)

0 x00 ˋ
1 x01 ´
2 x02 ˆ
3 x03 ˜
4 x04 ¨
5 x05 ˝
6 x06 °
7 x07 ˇ
8 x08 ˘
9 x09 ¯
10 x0A ˙
11 x0B ¸
12 x0C ˛
13 x0D ¸
14 x0E «
15 x0F »
16 x10 ‘
17 x11 ’
18 x12 „
19 x13 «
20 x14 »
21 x15 –
22 x16 —
23 x17
24 x18 ß
25 x19 ı
26 x1A j
27 x1B ff
28 x1C fi
29 x1D fl
30 x1E ffi
31 x1F ffl
32 x20
33 x21 !
34 x22 "
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C <
61 x3D =
62 x3E >
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C \
93 x5D]
94 x5E ^
95 x5F _
96 x60 `
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B {
124 x7C |
125 x7D }
126 x7E ~
128 x80 €
131 x83 ƒ
133 x85 …
134 x86 †
135 x87 ‡
137 x89 ‰
140 x8C Œ
149 x95 •
153 x99 ™
156 x9C œ
160 xA0
162 xA2 ¢
163 xA3 £
164 xA4 ¤
166 xA6 ¦
167 xA7 §
168 xA8 Ø
169 xA9 ©
170 xAA Ŗ
172 xAC ¬
173 xAD
174 xAE ®
175 xAF Æ
176 xB0 °
177 xB1 ±
178 xB2 ²
179 xB3 ³
181 xB5 µ
182 xB6 ¶
183 xB7 ·
184 xB8 ø
185 xB9 ¹
186 xBA ŗ
188 xBC ¼
189 xBD ½
190 xBE ¾
191 xBF æ
192 xC0 Ą
193 xC1 Į
194 xC2 Ā
195 xC3 Ć
196 xC4 Ä
197 xC5 Å
198 xC6 Ę
199 xC7 Ē
200 xC8 Č
201 xC9 É
202 xCA Ź
203 xCB Ė
204 xCC Ģ
205 xCD Ķ
206 xCE Ī
207 xCF Ļ
208 xD0 Š
209 xD1 Ń
210 xD2 Ņ
211 xD3 Ó
212 xD4 Ō
213 xD5 Õ
214 xD6 Ö
215 xD7 ×
216 xD8 Ų
217 xD9 Ł
218 xDA Ś
219 xDB Ū
220 xDC Ü
221 xDD Ż
222 xDE Ž
223 xDF ß
224 xE0 ą
225 xE1 į
226 xE2 ā
227 xE3 ć
228 xE4 ä
229 xE5 å
230 xE6 ę
231 xE7 ē
232 xE8 č
233 xE9 é
234 xEA ź
235 xEB ė
236 xEC ģ
237 xED ķ
238 xEE ī
239 xEF ļ
240 xF0 š
241 xF1 ń
242 xF2 ņ
243 xF3 ó
244 xF4 ō
245 xF5 õ
246 xF6 ö
247 xF7 ÷
248 xF8 ų
249 xF9 ł
250 xFA ś
251 xFB ū
252 xFC ü
253 xFD ż
254 xFE ž

L7x (Lithuanian) small caps encoding table (l7x-qag∗-sc.tfm)

0 x00 ˋ
1 x01 ´
2 x02 ˆ
3 x03 ˜
4 x04 ¨
5 x05 ˝
6 x06 °
7 x07 ˇ
8 x08 ˘
9 x09 ¯
10 x0A ˙
11 x0B ¸
12 x0C ˛
13 x0D ¸
14 x0E «
15 x0F »
16 x10 ‘
17 x11 ’
18 x12 „
19 x13 «
20 x14 »
21 x15 –
22 x16 —
23 x17 ı
24 x18 fi
25 x19 fl
26 x1A ff
32 x20 ␣
33 x21 !
34 x22 "
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C <
61 x3D =
62 x3E >
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C \
93 x5D]
94 x5E ^
95 x5F _
96 x60 ‘
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B {
124 x7C |
125 x7D }
126 x7E ~
128 x80 €
131 x83 ƒ
133 x85 …
134 x86 †
135 x87 ‡
137 x89 ‰
140 x8C Œ
149 x95 •
153 x99 ™
156 x9C œ
160 xA0 ||
162 xA2 ¢
163 xA3 £
164 xA4 ¤
166 xA6 ¦
167 xA7 §
168 xA8 Ø
169 xA9 ©
170 xAA Ŗ
172 xAC ¬
173 xAD
174 xAE ®
175 xAF Æ
176 xB0 °
177 xB1 ±
178 xB2 ²
179 xB3 ³
181 xB5 µ
182 xB6 ¶
183 xB7 ·
184 xB8 ø
185 xB9 ¹
186 xBA ŗ
188 xBC ¼
189 xBD ½
190 xBE ¾
191 xBF æ
192 xC0 Ą
193 xC1 Į
194 xC2 Ā
195 xC3 Ć
196 xC4 Ä
197 xC5 Å
198 xC6 Ę
199 xC7 Ē
200 xC8 Č
201 xC9 É
202 xCA Ź
203 xCB Ė
204 xCC Ģ
205 xCD Ķ
206 xCE Ī
207 xCF Ļ
208 xD0 Š
209 xD1 Ń
210 xD2 Ņ
211 xD3 Ó
212 xD4 Ō
213 xD5 Õ
214 xD6 Ö
215 xD7 ×
216 xD8 Ų
217 xD9 Ł
218 xDA Ś
219 xDB Ū
220 xDC Ü
221 xDD Ż
222 xDE Ž
223 xDF ß
224 xE0 ą
225 xE1 į
226 xE2 ā
227 xE3 ć
228 xE4 ä
229 xE5 å
230 xE6 ę
231 xE7 ē
232 xE8 č
233 xE9 é
234 xEA ź
235 xEB ė
236 xEC ģ
237 xED ķ
238 xEE ī
239 xEF ļ
240 xF0 š
241 xF1 ń
242 xF2 ņ
243 xF3 ó
244 xF4 ō
245 xF5 õ
246 xF6 ö
247 xF7 ÷
248 xF8 ų
249 xF9 ł
250 xFA ś
251 xFB ū
252 xFC ü
253 xFD ż
254 xFE ž

RM (“regular math”) encoding table (rm-qag∗.tfm)

0 x00 Γ
1 x01 Δ
2 x02 Θ
3 x03 Λ
4 x04 Ξ
5 x05 Π
6 x06 Σ
7 x07 Υ
8 x08 Φ
9 x09 Ψ
10 x0A Ω
11 x0B ff
12 x0C fi
13 x0D fl
14 x0E ffi
15 x0F ffl
16 x10 ı
17 x11 ȷ
18 x12 `
19 x13 ´
20 x14 ˇ
21 x15 ˘
22 x16 ¯
23 x17 ˚
24 x18 ¸
25 x19 ß
26 x1A æ
27 x1B œ
28 x1C ø
29 x1D Æ
30 x1E Œ
31 x1F Ø
32 x20 ̇
33 x21 !
34 x22 ”
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C ¡
61 x3D =
62 x3E ¿
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C “
93 x5D]
94 x5E ^
95 x5F ˙
96 x60 ‘
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B –
124 x7C —
125 x7D ˝
126 x7E ˜
127 x7F ¨
128 x80 Ă
129 x81 Ą
130 x82 Ć
131 x83 Č
132 x84 Ď
133 x85 Ě
134 x86 Ę
135 x87 Ğ
136 x88 Ĺ
137 x89 Ľ
138 x8A Ł
139 x8B Ń
140 x8C Ň
141 x8D Ŋ
142 x8E Ő
143 x8F Ŕ
144 x90 Ř
145 x91 Ś
146 x92 Š
147 x93 Ş
148 x94 Ť
149 x95 Ţ
150 x96 Ű
151 x97 Ů
152 x98 Ÿ
153 x99 Ź
154 x9A Ž
155 x9B Ż
156 x9C IJ
157 x9D İ
158 x9E đ
159 x9F §
160 xA0 ă
161 xA1 ą
162 xA2 ć
163 xA3 č
164 xA4 ď
165 xA5 ě
166 xA6 ę
167 xA7 ğ
168 xA8 ĺ
169 xA9 ľ
170 xAA ł
171 xAB ń
172 xAC ň
173 xAD ŋ
174 xAE ő
175 xAF ŕ
176 xB0 ř
177 xB1 ś
178 xB2 š
179 xB3 ş
180 xB4 ť
181 xB5 ţ
182 xB6 ű
183 xB7 ů
184 xB8 ÿ
185 xB9 ź
186 xBA ž
187 xBB ż
188 xBC ij
189 xBD ·
190 xBE ”
191 xBF £
192 xC0 À
193 xC1 Á
194 xC2 Â
195 xC3 Ã
196 xC4 Ä
197 xC5 Å
198 xC6 «
199 xC7 Ç
200 xC8 È
201 xC9 É
202 xCA Ê
203 xCB Ë
204 xCC Ì
205 xCD Í
206 xCE Î
207 xCF Ï
208 xD0 Đ
209 xD1 Ñ
210 xD2 Ò
211 xD3 Ó
212 xD4 Ô
213 xD5 Õ
214 xD6 Ö
215 xD7 »
216 xD8 ‰
217 xD9 Ù
218 xDA Ú
219 xDB Û
220 xDC Ü
221 xDD Ý
222 xDE Þ
223 xDF SS
224 xE0 à
225 xE1 á
226 xE2 â
227 xE3 ã
228 xE4 ä
229 xE5 å
230 xE6 ˽
231 xE7 ç
232 xE8 è
233 xE9 é
234 xEA ê
235 xEB ë
236 xEC ì
237 xED í
238 xEE î
239 xEF ï
240 xF0 ð
241 xF1 ñ
242 xF2 ò
243 xF3 ó
244 xF4 ô
245 xF5 õ
246 xF6 ö
247 xF7 ◂
248 xF8 ø
249 xF9 ù
250 xFA ú
251 xFB û
252 xFC ü
253 xFD ý
254 xFE þ
255 xFF ˝

RM (“regular math”) small caps encoding table (rm-qag∗-sc.tfm)

0 x00 Γ
1 x01 Δ
2 x02 Θ
3 x03 Λ
4 x04 Ξ
5 x05 Π
6 x06 Σ
7 x07 Υ
8 x08 Φ
9 x09 Ψ
10 x0A Ω
16 x10 ı
17 x11 ȷ
18 x12 ˋ
19 x13 ´
20 x14 ˆ
21 x15 ˜
22 x16 ¯
23 x17 ˚
24 x18 ¸
25 x19 ß
26 x1A æ
27 x1B œ
28 x1C ø
29 x1D Æ
30 x1E Œ
31 x1F Ø
32 x20 ‘
33 x21 !
34 x22 ”
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C ¡
61 x3D =
62 x3E ¿
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C “
93 x5D]
94 x5E ^
95 x5F _
96 x60 ‘
97 x61 A
98 x62 B
99 x63 C
100 x64 D
101 x65 E
102 x66 F
103 x67 G
104 x68 H
105 x69 I
106 x6A J
107 x6B K
108 x6C L
109 x6D M
110 x6E N
111 x6F O
112 x70 P
113 x71 Q
114 x72 R
115 x73 S
116 x74 T
117 x75 U
118 x76 V
119 x77 W
120 x78 X
121 x79 Y
122 x7A Z
123 x7B –
124 x7C —
125 x7D ˝
126 x7E ˜
127 x7F ¨
128 x80 Ă
129 x81 Ą
130 x82 Ć
131 x83 Č
132 x84 Ď
133 x85 Ě
134 x86 Ę
135 x87 Ğ
136 x88 Ĺ
137 x89 Ľ
138 x8A Ł
139 x8B Ń
140 x8C Ň
141 x8D Ŋ
142 x8E Ő
143 x8F Ŕ
144 x90 Ř
145 x91 Ś
146 x92 Š
147 x93 Ş
148 x94 Ť
149 x95 Ţ
150 x96 Ű
151 x97 Ů
152 x98 Ÿ
153 x99 Ź
154 x9A Ž
155 x9B Ż
156 x9C IJ
157 x9D İ
158 x9E Đ
159 x9F §
160 xA0 ă
161 xA1 ą
162 xA2 ć
163 xA3 č
164 xA4 ď
165 xA5 ě
166 xA6 ę
167 xA7 ğ
168 xA8 ĺ
169 xA9 ľ
170 xAA ł
171 xAB ń
172 xAC ň
173 xAD ŋ
174 xAE ő
175 xAF ŕ
176 xB0 ř
177 xB1 ś
178 xB2 š
179 xB3 ş
180 xB4 ť
181 xB5 ţ
182 xB6 ű
183 xB7 ů
184 xB8 ÿ
185 xB9 ź
186 xBA ž
187 xBB ż
188 xBC ij
189 xBD ·
190 xBE ”
191 xBF £
192 xC0 À
193 xC1 Á
194 xC2 Â
195 xC3 Ã
196 xC4 Ä
197 xC5 Å
198 xC6 «
199 xC7 Ç
200 xC8 È
201 xC9 É
202 xCA Ê
203 xCB Ë
204 xCC Ì
205 xCD Í
206 xCE Î
207 xCF Ï
208 xD0 Đ
209 xD1 Ñ
210 xD2 Ò
211 xD3 Ó
212 xD4 Ô
213 xD5 Õ
214 xD6 Ö
215 xD7 »
216 xD8 ‰
217 xD9 Ù
218 xDA Ú
219 xDB Û
220 xDC Ü
221 xDD Ý
222 xDE Þ
223 xDF SS
224 xE0 à
225 xE1 á
226 xE2 â
227 xE3 ã
228 xE4 ä
229 xE5 å
230 xE6 ␣
231 xE7 ç
232 xE8 è
233 xE9 é
234 xEA ê
235 xEB ë
236 xEC ì
237 xED í
238 xEE î
239 xEF ï
240 xF0 đ
241 xF1 ñ
242 xF2 ò
243 xF3 ó
244 xF4 ô
245 xF5 õ
246 xF6 ö
247 xF7 ÷
248 xF8 ø
249 xF9 ù
250 xFA ú
251 xFB û
252 xFC ü
253 xFD ý
254 xFE þ
255 xFF „

QX (GUST) encoding table (qx-qag*.tfm)

0 x00 α	37 x25 %	74 x4A J	111 x6F o	148 x94 °	185 xB9 Ź	222 xDE Þ
1 x01 Δ	38 x26 &	75 x4B K	112 x70 p	149 x95 Ţ	186 xBA ź	223 xDF ‖
2 x02 β	39 x27 ’	76 x4C L	113 x71 q	150 x96 ¿	187 xBB Ż	224 xE0 à
3 x03 δ	40 x28 (	77 x4D M	114 x72 r	151 x97 Ų	188 xBC ij	225 xE1 á
4 x04 π	41 x29)	78 x4E N	115 x73 s	152 x98 Ÿ	189 xBD ‐	226 xE2 â
5 x05 Π	42 x2A *	79 x4F O	116 x74 t	153 x99 Ź	190 xBE ”	227 xE3 ã
6 x06 Σ	43 x2B +	80 x50 P	117 x75 u	154 x9A Ž	191 xBF ’	228 xE4 ä
7 x07 μ	44 x2C ,	81 x51 Q	118 x76 v	155 x9B Ż	192 xC0 À	229 xE5 å
8 x08 …	45 x2D ‐	82 x52 R	119 x77 w	156 x9C IJ	193 xC1 Á	230 xE6 ␣
9 x09 fk	46 x2E .	83 x53 S	120 x78 x	157 x9D {	194 xC2 Â	231 xE7 ç
10 x0A Ω	47 x2F /	84 x54 T	121 x79 y	158 x9E }	195 xC3 Ã	232 xE8 è
11 x0B ff	48 x30 0	85 x55 U	122 x7A z	159 x9F §	196 xC4 Ä	233 xE9 é
12 x0C fi	49 x31 1	86 x56 V	123 x7B –		197 xC5 Å	234 xEA ê
13 x0D fl	50 x32 2	87 x57 W	124 x7C —	161 xA1 ą	198 xC6 \	235 xEB ë
14 x0E ffi	51 x33 3	88 x58 X	125 x7D ˝	162 xA2 ć	199 xC7 Ç	236 xEC ì
15 x0F ffl	52 x34 4	89 x59 Y	126 x7E ˜	163 xA3 Ł	200 xC8 È	237 xED í
16 x10 ı	53 x35 5	90 x5A Z	127 x7F ¨	164 xA4 €	201 xC9 É	238 xEE î
17 x11 j	54 x36 6	91 x5B [	128 x80 €	165 xA5 „	202 xCA Ê	239 xEF ï
18 x12 `	55 x37 7	92 x5C “	129 x81 Ą	166 xA6 ę	203 xCB Ë	240 xF0 ð
19 x13 ´	56 x38 8	93 x5D]	130 x82 Ć	167 xA7 ł	204 xCC Ì	241 xF1 ñ
20 x14 ˇ	57 x39 9	94 x5E ^	131 x83 >	168 xA8 –	205 xCD Í	242 xF2 ò
21 x15 ˘	58 x3A :	95 x5F ’	132 x84 ≥	169 xA9 ×	206 xCE Î	243 xF3 ó
22 x16 ¯	59 x3B ;	96 x60 ‘	133 x85 ≈	170 xAA ħ	207 xCF Ï	244 xF4 ô
23 x17 °	60 x3C ¡	97 x61 a	134 x86 Ę	171 xAB ń	208 xD0 Đ	245 xF5 õ
24 x18 ¸	61 x3D =	98 x62 b	135 x87 ł	172 xAC ±	209 xD1 Ñ	246 xF6 ö
25 x19 ß	62 x3E ¿	99 x63 c	136 x88 <	173 xAD ∞	210 xD2 Ò	247 xF7 ◂
26 x1A œ	63 x3F ?	100 x64 d	137 x89 ≤	174 xAE «	211 xD3 Ó	248 xF8 ø
27 x1B œ	64 x40 @	101 x65 e	138 x8A Ł	175 xAF »	212 xD4 Ô	249 xF9 ù
28 x1C ø	65 x41 A	102 x66 f	139 x8B Ń	176 xB0 ¶	213 xD5 Õ	250 xFA ú
29 x1D Æ	66 x42 B	103 x67 g	140 x8C ~	177 xB1 ś	214 xD6 Ö	251 xFB û
30 x1E Œ	67 x43 C	104 x68 h	141 x8D ^	178 xB2 š	215 xD7 ą	252 xFC ü
31 x1F Ø	68 x44 D	105 x69 i	142 x8E ℓ	179 xB3 ş	216 xD8 ‰	253 xFD ý
32 x20 ␣	69 x45 E	106 x6A j	143 x8F †	180 xB4 •	217 xD9 Ù	254 xFE þ
33 x21 !	70 x46 F	107 x6B k	144 x90 ‡	181 xB5 ţ	218 xDA Ú	255 xFF „
34 x22 ”	71 x47 G	108 x6C l	145 x91 Ś	182 xB6 —	219 xDB Û	
35 x23 #	72 x48 H	109 x6D m	146 x92 Š	183 xB7 ų	220 xDC Ü	
36 x24 $	73 x49 I	110 x6E n	147 x93 Ş	184 xB8 ÿ	221 xDD Ý	

QX (GUST) small caps encoding table (qx-qag*-sc.tfm)

0 x00 α
1 x01 Δ
2 x02 β
3 x03 δ
4 x04 π
5 x05 Π
6 x06 Σ
7 x07 μ
8 x08 ...

10 x0A Ω

16 x10 ı
17 x11 ȷ
18 x12 ˋ
19 x13 ´
20 x14 ˇ
21 x15 ˜
22 x16 ¯
23 x17 ˚
24 x18 ¸
25 x19 SS
26 x1A Æ
27 x1B Œ
28 x1C ø
29 x1D æ
30 x1E œ
31 x1F ø
32 x20
33 x21 !
34 x22 ”
35 x23 #
36 x24 $
37 x25 %
38 x26 &
39 x27 ’
40 x28 (
41 x29)
42 x2A *
43 x2B +
44 x2C ,
45 x2D -
46 x2E .
47 x2F /
48 x30 0
49 x31 1
50 x32 2
51 x33 3
52 x34 4
53 x35 5
54 x36 6
55 x37 7
56 x38 8
57 x39 9
58 x3A :
59 x3B ;
60 x3C ¡
61 x3D =
62 x3E ¿
63 x3F ?
64 x40 @
65 x41 A
66 x42 B
67 x43 C
68 x44 D
69 x45 E
70 x46 F
71 x47 G
72 x48 H
73 x49 I
74 x4A J
75 x4B K
76 x4C L
77 x4D M
78 x4E N
79 x4F O
80 x50 P
81 x51 Q
82 x52 R
83 x53 S
84 x54 T
85 x55 U
86 x56 V
87 x57 W
88 x58 X
89 x59 Y
90 x5A Z
91 x5B [
92 x5C “
93 x5D]
94 x5E ^
95 x5F ˙
96 x60 `
97 x61 a
98 x62 b
99 x63 c
100 x64 d
101 x65 e
102 x66 f
103 x67 g
104 x68 h
105 x69 i
106 x6A j
107 x6B k
108 x6C l
109 x6D m
110 x6E n
111 x6F o
112 x70 p
113 x71 q
114 x72 r
115 x73 s
116 x74 t
117 x75 u
118 x76 v
119 x77 w
120 x78 x
121 x79 y
122 x7A z
123 x7B –
124 x7C —
125 x7D ˝
126 x7E ˜
127 x7F ¨
128 x80 €
129 x81 ą
130 x82 ć
131 x83 >
132 x84 ≥
133 x85 ≈
134 x86 ę
135 x87 ł
136 x88 <
137 x89 ≤
138 x8A ł
139 x8B ń
140 x8C ~
141 x8D ^
142 x8E ℓ
143 x8F †
144 x90 ‡
145 x91 ś
146 x92 š
147 x93 ş
148 x94 °
149 x95 ţ
150 x96 ¸
151 x97 ų
152 x98 ÿ
153 x99 ź
154 x9A ž
155 x9B ż
156 x9C ij
157 x9D {
158 x9E }
159 x9F §

161 xA1 ą
162 xA2 ć
163 xA3 ®
164 xA4 ©
165 xA5 ÷
166 xA6 ę
167 xA7 ł
168 xA8 –
169 xA9 ×
170 xAA ł
171 xAB ń
172 xAC ±
173 xAD ∞
174 xAE «
175 xAF »
176 xB0 ¶
177 xB1 ś
178 xB2 š
179 xB3 ş
180 xB4 •
181 xB5 ţ
182 xB6 —
183 xB7 ų
184 xB8 ÿ
185 xB9 ź
186 xBA ž
187 xBB ż
188 xBC ij
189 xBD ˗
190 xBE ˝
191 xBF ¨
192 xC0 À
193 xC1 Á
194 xC2 Â
195 xC3 Ã
196 xC4 Ä
197 xC5 Å
198 xC6 \
199 xC7 Ç
200 xC8 È
201 xC9 É
202 xCA Ê
203 xCB Ë
204 xCC Ì
205 xCD Í
206 xCE Î
207 xCF Ï
208 xD0 Đ
209 xD1 Ñ
210 xD2 Ò
211 xD3 Ó
212 xD4 Ô
213 xD5 Õ
214 xD6 Ö
215 xD7 ¤
216 xD8 ‰
217 xD9 Ù
218 xDA Ú
219 xDB Û
220 xDC Ü
221 xDD Ý
222 xDE Þ
223 xDF ‖
224 xE0 à
225 xE1 á
226 xE2 â
227 xE3 ã
228 xE4 ä
229 xE5 å
230 xE6 ‗
231 xE7 ç
232 xE8 è
233 xE9 é
234 xEA ê
235 xEB ë
236 xEC ì
237 xED í
238 xEE î
239 xEF ï
240 xF0 ð
241 xF1 ñ
242 xF2 ò
243 xF3 ó
244 xF4 ô
245 xF5 õ
246 xF6 ö
247 xF7 ∢
248 xF8 ø
249 xF9 ù
250 xFA ú
251 xFB û
252 xFC ü
253 xFD ý
254 xFE þ
255 xFF „

T5 (Vietnamese) encoding table (t5-qag*.tfm)

0 x00	37 x25 %	74 x4A J	111 x6F o	148 x94 Ẻ	185 xB9 ẽ	222 xDE Ý	
1 x01	38 x26 &	75 x4B K	112 x70 p	149 x95 Ẹ	186 xBA ẻ	223 xDF Ỹ	
2 x02	39 x27 '	76 x4C L	113 x71 q	150 x96 Ề	187 xBB ẹ	224 xE0 ỉ	
3 x03	40 x28 (	77 x4D M	114 x72 r	151 x97 Ề	188 xBC ì	225 xE1 ò	
4 x04	41 x29)	78 x4E N	115 x73 s	152 x98 Ể	189 xBD ĩ	226 xE2 ó	
5 x05	42 x2A *	79 x4F O	116 x74 t	153 x99 Ễ	190 xBE ĩ	227 xE3 õ	
6 x06	43 x2B +	80 x50 P	117 x75 u	154 x9A Ể	191 xBF ĩ	228 xE4 ỏ	
7 x07	44 x2C ,	81 x51 Q	118 x76 v	155 x9B Ệ	192 xC0 ỉ	229 xE5 ọ	
8 x08	45 x2D -	82 x52 R	119 x77 w	156 x9C Ì	193 xC1 Ò	230 xE6 ô	
9 x09	46 x2E .	83 x53 S	120 x78 x	157 x9D Ĩ	194 xC2 Ó	231 xE7 ồ	
10 x0A	47 x2F /	84 x54 T	121 x79 y	158 x9E Ĩ	195 xC3 Õ	232 xE8 ố	
11 x0B	48 x30 0	85 x55 U	122 x7A z	159 x9F Ỉ	196 xC4 Ỏ	233 xE9 ỗ	
12 x0C	49 x31 1	86 x56 V	123 x7B {	160 xA0 à	197 xC5 Ọ	234 xEA ổ	
13 x0D	50 x32 2	87 x57 W	124 x7C |	161 xA1 á	198 xC6 Ô	235 xEB ộ	
14 x0E	51 x33 3	88 x58 X	125 x7D }	162 xA2 ã	199 xC7 Ồ	236 xEC ơ	
15 x0F	52 x34 4	89 x59 Y	126 x7E ~	163 xA3 ả	200 xC8 Ố	237 xED ờ	
16 x10	53 x35 5	90 x5A Z	127 x7F -	164 xA4 ạ	201 xC9 Ỗ	238 xEE ớ	
17 x11	54 x36 6	91 x5B [	128 x80 À	165 xA5 â	202 xCA Ổ	239 xEF ỡ	
18 x12	55 x37 7	92 x5C \	129 x81 Á	166 xA6 ầ	203 xCB Ộ	240 xF0 ở	
19 x13	56 x38 8	93 x5D]	130 x82 Ã	167 xA7 ấ	204 xCC Ơ	241 xF1 ợ	
20 x14	57 x39 9	94 x5E ^	131 x83 Ả	168 xA8 ẫ	205 xCD Ờ	242 xF2 ù	
21 x15	58 x3A :	95 x5F _	132 x84 Ạ	169 xA9 ẩ	206 xCE Ớ	243 xF3 ú	
22 x16	59 x3B ;	96 x60 `	133 x85 Â	170 xAA ậ	207 xCF Ỡ	244 xF4 ũ	
23 x17	60 x3C <	97 x61 a	134 x86 Ầ	171 xAB ă	208 xD0 Ở	245 xF5 ủ	
24 x18	61 x3D =	98 x62 b	135 x87 Ấ	172 xAC ằ	209 xD1 Ợ	246 xF6 ụ	
25 x19	62 x3E >	99 x63 c	136 x88 Ẫ	173 xAD ắ	210 xD2 Ù	247 xF7 ư	
26 x1A	63 x3F ?	100 x64 d	137 x89 Ẩ	174 xAE ẵ	211 xD3 Ú	248 xF8 ừ	
27 x1B	64 x40 @	101 x65 e	138 x8A Ậ	175 xAF ẳ	212 xD4 Ũ	249 xF9 ứ	
28 x1C	65 x41 A	102 x66 f	139 x8B Ă	176 xB0 ặ	213 xD5 Ủ	250 xFA ữ	
29 x1D	66 x42 B	103 x67 g	140 x8C Ằ	177 xB1 è	214 xD6 Ụ	251 xFB ử	
30 x1E	67 x43 C	104 x68 h	141 x8D Ắ	178 xB2 é	215 xD7 Ư	252 xFC ự	
31 x1F	68 x44 D	105 x69 i	142 x8E Ẵ	179 xB3 ẽ	216 xD8 Ừ	253 xFD ỳ	
32 x20	69 x45 E	106 x6A j	143 x8F Ẳ	180 xB4 ẻ	217 xD9 Ứ	254 xFE ý	
33 x21	70 x46 F	107 x6B k	144 x90 Ặ	181 xB5 ẹ	218 xDA Ữ	255 xFF ỹ	
34 x22	71 x47 G	108 x6C l	145 x91 È	182 xB6 ê	219 xDB Ử		
35 x23 #	72 x48 H	109 x6D m	146 x92 É	183 xB7 ề	220 xDC Ự		
36 x24 $	73 x49 I	110 x6E n	147 x93 Ẽ	184 xB8 ế	221 xDD Ỳ		

T5 (Vietnamese) small caps encoding table (t5-qag∗-sc.tfm)

0 x00	37 x25 %	74 x4A J	111 x6F o	148 x94 Ẻ	185 xB9 Ẽ	222 xDE Ý
1 x01	38 x26 &	75 x4B K	112 x70 p	149 x95 Ẹ	186 xBA Ể	223 xDF Ỹ
2 x02	39 x27 '	76 x4C L	113 x71 q	150 x96 Ê	187 xBB Ệ	224 xE0 ị
3 x03	40 x28 (	77 x4D M	114 x72 r	151 x97 Ề	188 xBC ỉ	225 xE1 ò
4 x04	41 x29)	78 x4E N	115 x73 s	152 x98 Ế	189 xBD ĩ	226 xE2 ó
5 x05	42 x2A *	79 x4F O	116 x74 t	153 x99 Ễ	190 xBE ĩ	227 xE3 õ
6 x06	43 x2B +	80 x50 P	117 x75 u	154 x9A Ể	191 xBF ĩ	228 xE4 ỏ
7 x07	44 x2C ,	81 x51 Q	118 x76 v	155 x9B Ệ	192 xC0 ị	229 xE5 ọ
8 x08	45 x2D -	82 x52 R	119 x77 w	156 x9C Ỉ	193 xC1 Ò	230 xE6 ô
9 x09	46 x2E .	83 x53 S	120 x78 x	157 x9D Ĩ	194 xC2 Ó	231 xE7 ồ
10 x0A	47 x2F /	84 x54 T	121 x79 y	158 x9E Ĩ	195 xC3 Õ	232 xE8 ố
11 x0B	48 x30 0	85 x55 U	122 x7A z	159 x9F Ĩ	196 xC4 Ỏ	233 xE9 ỗ
12 x0C	49 x31 1	86 x56 V	123 x7B {	160 xA0 À	197 xC5 Ọ	234 xEA ổ
13 x0D	50 x32 2	87 x57 W	124 x7C ‖	161 xA1 Á	198 xC6 Ô	235 xEB ộ
14 x0E	51 x33 3	88 x58 X	125 x7D }	162 xA2 Ã	199 xC7 Ồ	236 xEC ơ
15 x0F	52 x34 4	89 x59 Y	126 x7E ~	163 xA3 Ả	200 xC8 Ố	237 xED ờ
16 x10	53 x35 5	90 x5A Z	127 x7F ‡	164 xA4 Ạ	201 xC9 Ỗ	238 xEE ớ
17 x11	54 x36 6	91 x5B [	128 x80 À	165 xA5 Â	202 xCA Ổ	239 xEF ỡ
18 x12	55 x37 7	92 x5C \	129 x81 Á	166 xA6 Ầ	203 xCB Ộ	240 xF0 ở
19 x13	56 x38 8	93 x5D]	130 x82 Ã	167 xA7 Ấ	204 xCC Ơ	241 xF1 ợ
20 x14	57 x39 9	94 x5E ^	131 x83 Ả	168 xA8 Ẫ	205 xCD Ờ	242 xF2 ù
21 x15	58 x3A :	95 x5F _	132 x84 Ạ	169 xA9 Ẩ	206 xCE Ớ	243 xF3 ú
22 x16	59 x3B ;	96 x60 `	133 x85 Â	170 xAA Ậ	207 xCF Ỡ	244 xF4 ũ
23 x17	60 x3C <	97 x61 A	134 x86 Ầ	171 xAB Ă	208 xD0 Ở	245 xF5 ủ
24 x18	61 x3D =	98 x62 B	135 x87 Ấ	172 xAC Ằ	209 xD1 Ợ	246 xF6 ụ
25 x19	62 x3E >	99 x63 C	136 x88 Ẫ	173 xAD Ắ	210 xD2 Ù	247 xF7 ư
26 x1A	63 x3F ?	100 x64 D	137 x89 Ẩ	174 xAE Ẵ	211 xD3 Ú	248 xF8 ừ
27 x1B	64 x40 @	101 x65 E	138 x8A Ậ	175 xAF Ẳ	212 xD4 Ũ	249 xF9 ứ
28 x1C	65 x41 A	102 x66 F	139 x8B Ă	176 xB0 Ặ	213 xD5 Ủ	250 xFA ữ
29 x1D	66 x42 B	103 x67 G	140 x8C Ằ	177 xB1 È	214 xD6 Ụ	251 xFB ử
30 x1E Đ	67 x43 C	104 x68 H	141 x8D Ắ	178 xB2 É	215 xD7 Ư	252 xFC ự
31 x1F Đ	68 x44 D	105 x69 I	142 x8E Ẵ	179 xB3 Ẽ	216 xD8 Ừ	253 xFD ỳ
32 x20	69 x45 E	106 x6A J	143 x8F Ẳ	180 xB4 Ẻ	217 xD9 Ứ	254 xFE ý
33 x21	70 x46 F	107 x6B K	144 x90 Ặ	181 xB5 Ẹ	218 xDA Ữ	255 xFF ỹ
34 x22	71 x47 G	108 x6C L	145 x91 È	182 xB6 Ê	219 xDB Ử	
35 x23 #	72 x48 H	109 x6D M	146 x92 É	183 xB7 Ề	220 xDC Ự	
36 x24 $	73 x49 I	110 x6E N	147 x93 Ẽ	184 xB8 Ế	221 xDD Ỳ	

TEX'n'ANSI (aka LY1 aka Y&Y) encoding table (texnansi-qag*.tfm)

1 x01	€	40 x28	(	77 x4D	M	114 x72	r	151 x97	—	188 xBC	¼	225 xE1	á
4 x04	/	41 x29	)	78 x4E	N	115 x73	s	152 x98	˜	189 xBD	½	226 xE2	â
5 x05	˚	42 x2A	*	79 x4F	O	116 x74	t	153 x99	™	190 xBE	¾	227 xE3	ã
6 x06	˝	43 x2B	+	80 x50	P	117 x75	u	154 x9A	š	191 xBF	¿	228 xE4	ä
7 x07	˛	44 x2C	,	81 x51	Q	118 x76	v	155 x9B	›	192 xC0	À	229 xE5	å
8 x08	fl	45 x2D	-	82 x52	R	119 x77	w	156 x9C	œ	193 xC1	Á	230 xE6	æ
10 x0A	–	46 x2E	.	83 x53	S	120 x78	x	157 x9D	ž	194 xC2	Â	231 xE7	ç
11 x0B	ff	47 x2F	/	84 x54	T	121 x79	y	158 x9E	~	195 xC3	Ã	232 xE8	è
12 x0C	fi	48 x30	0	85 x55	U	122 x7A	z	159 x9F	Ÿ	196 xC4	Ä	233 xE9	é
14 x0E	ffi	49 x31	1	86 x56	V	123 x7B	{	160 xA0	–	197 xC5	Å	234 xEA	ê
15 x0F	ffl	50 x32	2	87 x57	W	124 x7C	|	161 xA1	¡	198 xC6	Æ	235 xEB	ë
16 x10	ı	51 x33	3	88 x58	X	125 x7D	}	162 xA2	¢	199 xC7	Ç	236 xEC	ì
17 x11	j	52 x34	4	89 x59	Y	126 x7E	˜	163 xA3	£	200 xC8	È	237 xED	í
18 x12	`	53 x35	5	90 x5A	Z	127 x7F	¨	164 xA4	¤	201 xC9	É	238 xEE	î
19 x13	´	54 x36	6	91 x5B	[	128 x80	Ł	165 xA5	¥	202 xCA	Ê	239 xEF	ï
20 x14	ˇ	55 x37	7	92 x5C	\	129 x81	ˇ	166 xA6	¦	203 xCB	Ë	240 xF0	ð
21 x15	ˇ	56 x38	8	93 x5D	]	130 x82	‚	167 xA7	§	204 xCC	Ì	241 xF1	ñ
22 x16	¯	57 x39	9	94 x5E	^	131 x83	ƒ	168 xA8	¨	205 xCD	Í	242 xF2	ò
23 x17	˚	58 x3A	:	95 x5F	_	132 x84	„	169 xA9	©	206 xCE	Î	243 xF3	ó
24 x18	˛	59 x3B	;	96 x60	`	133 x85	…	170 xAA	ª	207 xCF	Ï	244 xF4	ô
25 x19	ß	60 x3C	<	97 x61	a	134 x86	†	171 xAB	«	208 xD0	Đ	245 xF5	õ
26 x1A	œ	61 x3D	=	98 x62	b	135 x87	‡	172 xAC	¬	209 xD1	Ñ	246 xF6	ö
27 x1B	œ	62 x3E	>	99 x63	c	136 x88	ˆ	173 xAD	-	210 xD2	Ò	247 xF7	÷
28 x1C	ø	63 x3F	?	100 x64	d	137 x89	‰	174 xAE	®	211 xD3	Ó	248 xF8	ø
29 x1D	Æ	64 x40	@	101 x65	e	138 x8A	Š	175 xAF	¯	212 xD4	Ô	249 xF9	ù
30 x1E	Œ	65 x41	A	102 x66	f	139 x8B	‹	176 xB0	°	213 xD5	Õ	250 xFA	ú
31 x1F	Ø	66 x42	B	103 x67	g	140 x8C	Œ	177 xB1	±	214 xD6	Ö	251 xFB	û
32 x20	–	67 x43	C	104 x68	h	141 x8D	Ž	178 xB2	²	215 xD7	×	252 xFC	ü
33 x21	!	68 x44	D	105 x69	i	142 x8E	^	179 xB3	³	216 xD8	Ø	253 xFD	ý
34 x22	"	69 x45	E	106 x6A	j	143 x8F	–	180 xB4	´	217 xD9	Ù	254 xFE	þ
35 x23	#	70 x46	F	107 x6B	k	144 x90	‡	181 xB5	µ	218 xDA	Ú	255 xFF	ÿ
36 x24	$	71 x47	G	108 x6C	l	145 x91	`	182 xB6	¶	219 xDB	Û		
37 x25	%	72 x48	H	109 x6D	m	146 x92	′	183 xB7	·	220 xDC	Ü		
38 x26	&	73 x49	I	110 x6E	n	147 x93	"	184 xB8	¸	221 xDD	Ý		
39 x27	'	74 x4A	J	111 x6F	o	148 x94	"	185 xB9	¹	222 xDE	Þ		
		75 x4B	K	112 x70	p	149 x95	•	186 xBA	º	223 xDF	ß		
		76 x4C	L	113 x71	q	150 x96	–	187 xBB	»	224 xE0	à		

TEX'n'ANSI (aka LY1 aka Y&Y) small caps encoding table (texnansi-qag*-sc.tfm)

1 x01	€	43 x2B	+	79 x4F	O	115 x73	s	151 x97	—	187 xBB	»	224 xE0	À
4 x04	/	44 x2C	,	80 x50	P	116 x74	t	152 x98	˜	188 xBC	¼	225 xE1	Á
5 x05	ˇ	45 x2D	-	81 x51	Q	117 x75	u	153 x99	™	189 xBD	½	226 xE2	Â
6 x06	˝	46 x2E	.	82 x52	R	118 x76	v	154 x9A	š	190 xBE	¾	227 xE3	Ã
7 x07	˛	47 x2F	/	83 x53	S	119 x77	w	155 x9B	›	191 xBF	¿	228 xE4	Ä
10 x0A		48 x30	0	84 x54	T	120 x78	x	156 x9C	œ	192 xC0	À	229 xE5	Å
16 x10	ı	49 x31	1	85 x55	U	121 x79	y	157 x9D	ž	193 xC1	Á	230 xE6	æ
17 x11	j	50 x32	2	86 x56	V	122 x7A	z	158 x9E	~	194 xC2	Â	231 xE7	ç
18 x12	`	51 x33	3	87 x57	W	123 x7B	{	159 x9F	Ÿ	195 xC3	Ã	232 xE8	è
19 x13	´	52 x34	4	88 x58	X	124 x7C	|	160 xA0		196 xC4	Ä	233 xE9	é
20 x14	˘	53 x35	5	89 x59	Y	125 x7D	}	161 xA1	¡	197 xC5	Å	234 xEA	ê
21 x15	ˇ	54 x36	6	90 x5A	Z	126 x7E	˜	162 xA2	¢	198 xC6	Æ	235 xEB	ë
22 x16	¯	55 x37	7	91 x5B	[	127 x7F	¨	163 xA3	£	199 xC7	Ç	236 xEC	ì
23 x17	˚	56 x38	8	92 x5C	\	128 x80	Ł	164 xA4	¤	200 xC8	È	237 xED	í
24 x18	¸	57 x39	9	93 x5D	]	129 x81	ı	165 xA5	¥	201 xC9	É	238 xEE	î
25 x19	ß	58 x3A	:	94 x5E	^	130 x82	‚	166 xA6	¦	202 xCA	Ê	239 xEF	ï
26 x1A	æ	59 x3B	;	95 x5F	_	131 x83	ƒ	167 xA7	§	203 xCB	Ë	240 xF0	ð
27 x1B	œ	60 x3C	<	96 x60	`	132 x84	„	168 xA8	¨	204 xCC	Ì	241 xF1	ñ
28 x1C	ø	61 x3D	=	97 x61	a	133 x85	…	169 xA9	©	205 xCD	Í	242 xF2	ò
29 x1D	æ	62 x3E	>	98 x62	b	134 x86	†	170 xAA	ª	206 xCE	Î	243 xF3	ó
30 x1E	œ	63 x3F	?	99 x63	c	135 x87	‡	171 xAB	«	207 xCF	Ï	244 xF4	ô
31 x1F	ø	64 x40	@	100 x64	d	136 x88	ˆ	172 xAC	¬	208 xD0	Ð	245 xF5	õ
32 x20		65 x41	a	101 x65	e	137 x89	‰	173 xAD	-	209 xD1	Ñ	246 xF6	ö
33 x21	!	66 x42	b	102 x66	f	138 x8A	Š	174 xAE	®	210 xD2	Ò	247 xF7	÷
34 x22	"	67 x43	c	103 x67	g	139 x8B	‹	175 xAF	¯	211 xD3	Ó	248 xF8	ø
35 x23	#	68 x44	d	104 x68	h	140 x8C	Œ	176 xB0	°	212 xD4	Ô	249 xF9	ù
36 x24	$	69 x45	e	105 x69	i	141 x8D	Ž	177 xB1	±	213 xD5	Õ	250 xFA	ú
37 x25	%	70 x46	f	106 x6A	j	142 x8E	^	178 xB2	²	214 xD6	Ö	251 xFB	û
38 x26	&	71 x47	g	107 x6B	k	143 x8F	—	179 xB3	³	215 xD7	×	252 xFC	ü
39 x27	'	72 x48	h	108 x6C	l	144 x90	ł	180 xB4	´	216 xD8	Ø	253 xFD	ý
40 x28	(	73 x49	i	109 x6D	m	145 x91	`	181 xB5	µ	217 xD9	Ù	254 xFE	þ
41 x29	)	74 x4A	j	110 x6E	n	146 x92	'	182 xB6	¶	218 xDA	Ú	255 xFF	ÿ
42 x2A	*	75 x4B	k	111 x6F	o	147 x93	"	183 xB7	·	219 xDB	Û		
		76 x4C	l	112 x70	p	148 x94	"	184 xB8	¸	220 xDC	Ü		
		77 x4D	m	113 x71	q	149 x95	•	185 xB9	¹	221 xDD	Ý		
		78 x4E	n	114 x72	r	150 x96	–	186 xBA	º	222 xDE	Þ		

TS1 (text companion) encoding table (ts1-qag*.tfm)

0 x00 
1 x01 
2 x02 
3 x03 
4 x04
5 x05
6 x06 
7 x07 
8 x08 
9 x09
10 x0A
11 x0B
12 x0C
13 x0D 

18 x12 

21 x15 
22 x16 
23 x17 
24 x18 
25 x19
26 x1A
27 x1B
28 x1C
29 x1D

31 x1F
32 x20

36 x24

39 x27
40 x28
41 x29
42 x2A

44 x2C
45 x2D 
46 x2E
47 x2F
48 x30
49 x31
50 x32
51 x33
52 x34
53 x35
54 x36
55 x37
56 x38
57 x39

60 x3C
61 x3D
62 x3E

77 x4D

79 x4F

81 x51

87 x57

91 x5B

93 x5D
94 x5E
95 x5F
96 x60

98 x62
99 x63
100 x64

108 x6C
109 x6D
110 x6E

113 x71

115 x73

126 x7E
127 x7F
128 x80
129 x81
130 x82
131 x83
132 x84
133 x85
134 x86
135 x87
136 x88
137 x89
138 x8A
139 x8B
140 x8C
141 x8D
142 x8E
143 x8F
144 x90
145 x91
146 x92
147 x93
148 x94
149 x95
150 x96
151 x97
152 x98
153 x99
154 x9A
155 x9B
156 x9C
157 x9D
158 x9E
159 x9F
160 xA0
161 xA1
162 xA2
163 xA3
164 xA4
165 xA5
166 xA6
167 xA7
168 xA8
169 xA9
170 xAA
171 xAB
172 xAC
173 xAD
174 xAE
175 xAF
176 xB0
177 xB1
178 xB2
179 xB3
180 xB4
181 xB5
182 xB6
183 xB7
184 xB8
185 xB9
186 xBA
187 xBB
188 xBC
189 xBD
190 xBE
191 xBF

214 xD6

246 xF6

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