

The Ysabeau font* package

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October 22, 2024

Abstract

The Ysabeau font package provides \LaTeX support for traditional \TeX engines (PDF \TeX , dvips, and so on).¹ For X \TeX and Lua \TeX users, OpenType and TrueType fonts are *only* provided to use with `fontspec` package. This package does not provide configuration files for those \TeX engines.

1 Introduction

On github, we can read:

Ysabeau is a free type family developed by Christian Thalmann (Catharsis Fonts). It combines the time-honored and supremely readable letterforms of the Garamond legacy with the clean crispness of a low-contrast sans serif, rendering it well suited for body copy as well as display.

Ysabeau font was drawn from scratch by Christian Thalmann, using the commercial font editor Glyphs, but was distributed under SIL open font license. Previously known as “Eua de Garamond”, the typeface was later renamed after Ysabeau, the second wife of Claude Garamond (1499–1561). In the end, it’s just another Garamond typeface in sans serif form living out there.

2 Document license

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*version font: 2.002

¹For shapes and weights, see § 7, page 3.

3 Interference with other packages

The Ysabeau font package load automatically the following packages: `fontenc`, `textcomp`, `xstring`, `ifthen`, `scalefnt`, `etoolbox`, `xkeyval`, `mweights` and `fontaxes`. If you want to pass some options a these packages, just do it *before* to use the Ysabeau font package. Example:

```
\usepackage[T2A,LGR,TS1,T1]{fontenc} % load before Ysabeau
\usepackage[full]{textcomp} % load before Ysabeau
\usepackage[osf,scof]{ysabeau}
```

4 Usage

Just add `\usepackage{ysabeau}` at the preamble of your document. That's it!

5 Package options

Table 1: Package options

Option	Example or description	Render as
<code>scale o scaled</code>	<code>\usepackage[scale=0.9]{ysabeau}</code>	
<code>lining, lf or LF</code>	it will use lining figures	12345
<code>oldstyle, osf or OSF*</code>	it will use oldstyle figures	12345
<code>tabular, t or T</code>	it will use tabular figures	12345
<code>proportional, p or P*</code>	it will use proportional figures	
<code>mainfont</code>	it will use Ysabeau font (<code>\rmfamily</code>) by default	
<code>scof</code>	it will use oldstyle figures in small caps block	xvii–xviii
<code>black</code>	it will use black font (<code>\bfseries</code>)	black
<code>extrabold</code>	it will use extrabold font (<code>\bfseries</code>)	extrabold
<code>bold*</code>	it will use bold font (<code>\bfseries</code>)	bold
<code>semibold</code>	it will use semibold font (<code>\bfseries</code>)	semibold
<code>medium¹</code>	it will use medium font (<code>\mdseries</code>)	
<code>regular*</code>	it will use regular font (<code>\mdseries</code>)	regular
<code>light</code>	it will use light font (<code>\mdseries</code>)	light
<code>extralight</code>	it will use extralight font (<code>\mdseries</code>)	extralight
<code>thin</code>	it will use thin font (<code>\mdseries</code>)	thin
<code>hairline</code>	it will use hairline font (<code>\mdseries</code>)	hairline

* default. ¹ a bit heavier than regular.

6 Font encodings

Table 2: Font encodings

Language	Encodings
Vietnamese	T5
Afrikaans	T4
IPA	TS3, T3
Latin	QX, CS, L7X, LY1, OT1, TS1, T1
Cyrillic	T2C, T2B, T2A
Greek	LGR

7 Shapes and weights

Table 3: Shapes

Shape	Render as
n	Romans
it	<i>Italics</i>
sw	<i>ct, fi, fl, rt, sp, &, Q</i>
sc	SMALL CAPS

Table 4: Weights

Weight	Render as
Hairline	Hairline
Thin	Thin
Extralight	Extralight
Light	Light
Regular	Regular
Medium ¹	
Semibold	Semibold
Bold	Bold
Extrabold	Extrabold
Black	Black

¹ a bit heavier than regular.

The following commands and declarations (Table 5) are provided *just* for local use (weights), regardless of the options chosen in the package.

Table 5: Commands and declarations for weights

Weight	Command	Declaration	Render as
Hairline	<code>\hairline{}</code>	<code>\hairlinefont</code>	Hairline
Thin	<code>\thin{}</code>	<code>\thinfont</code>	Thin
Extralight	<code>\extralight{}</code>	<code>\extralightfont</code>	Extralight
Light	<code>\light{}</code>	<code>\lightfont</code>	light
Semibold	<code>\semibold{}</code>	<code>\semiboldfont</code>	Semibold
Bold	<code>\bold{}</code>	<code>\boldfont</code>	Bold
Extrabold	<code>\extrabold{}</code>	<code>\extraboldfont</code>	Extrabold
Black	<code>\black{}</code>	<code>\blackfont</code>	Black

8 Figures

See also package options (§ 5, page 2) for figures. The following commands and declarations (Table 6) are provided *just* for local use, regardless of the options chosen in the package.

Table 6: Figures

Command	Declaration	Render as
<code>\textlf{}</code>	<code>\lfstyle</code>	1234567890
<code>\texttlf{}</code>	<code>\tlfstyle</code>	1234567890
<code>\textosf{}</code>	<code>\osfstyle</code>	1234567890
<code>\oldstylenums{}</code>	<code>\osfstyle</code>	1234567890
<code>\texttosf{}</code>	<code>\tosfstyle</code>	1234567890

8.1 Superiors

Table 7: Superiors

Command	Declarations	Render as
<code>\textsu{}</code>	<code>\supfigures</code> or <code>\supstyle</code>	1234567890
<code>\textsup{}</code>	<code>\supfigures</code> or <code>\supstyle</code>	1234567890
<code>\textsuperior{}</code>	<code>\supfigures</code> or <code>\supstyle</code>	1234567890
<code>\textsuperscript{}</code>		1234567890
<code>\textsuperscript*{}</code>		1234567890

8.2 Numerators

Table 8: Numerators

Command	Declarations	Render as
<code>\textnum{}</code>	<code>\numfigures</code> or <code>\numstyle</code>	1234567890
<code>\textnumerators{}</code>	<code>\numfigures</code> or <code>\numstyle</code>	1234567890

NOTE: superiors and numerators are different: a¹b.

8.3 Denominators

Table 9: Denominators

Command	Declarations	Render as
<code>\textde{}</code>	<code>\denfigures</code> or <code>\denstyle</code>	1234567890
<code>\textden{}</code>	<code>\denfigures</code> or <code>\denstyle</code>	1234567890
<code>\textdenominators{}</code>	<code>\denfigures</code> or <code>\denstyle</code>	1234567890

8.4 Inferiors

Table 10: Inferiors

Command	Declarations	Render as
<code>\textinf{}</code>	<code>\inffigures</code> or <code>\infstyle</code>	1234567890
<code>\textinferior{}</code>	<code>\inffigures</code> or <code>\infstyle</code>	1234567890
<code>\textsubscript{}</code>		1234567890
<code>\textsubscript*{}</code>		1234567890

NOTE: denominators and inferiors are different: a_1b .

9 ^{Text/}fractions

Table 11: ^{Text/}fractions

Command or declaration	Render as
<code>\textfrac[1]{1}{2}</code>	1½
<code>\textfrac{1}{2}</code>	½
<code>\onequarter</code>	¼
<code>\onehalf</code>	½
<code>\threequarters</code>	¾

10 Concluding remarks

To use Ysabeau fonts, just add the line

```
\usepackage{ysabeau}
```

at the preamble of your document. That's it.

The Ysabeau fonts were created to Adobe PostScript (type1) using `cfftot1`; \LaTeX files support were created with `autoinst`, wrapper of LCDF TypeTools suite. This package would not exist without the help of \TeX hackers: Marc Penninga (`autoinst`) and Eddie Kohler (LCDF TypeTools). Thank you so much guys.

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11 Glyphs

11.1 QX

	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	
<i>00x</i>	α ₀	Δ ₁	β ₂	δ ₃	π ₄	Π ₅	Σ ₆	μ ₇	~0x
<i>01x</i>	... ₈	fk ₉	Ω ₁₀	ff ₁₁	fi ₁₂	fl ₁₃	ffl ₁₄	fb ₁₅	
<i>02x</i>	l ₁₆	J ₁₇	` ₁₈	' ₁₉	ˇ ₂₀	˘ ₂₁	- ₂₂	° ₂₃	~1x
<i>03x</i>	ı ₂₄	ß ₂₅	æ ₂₆	œ ₂₇	ø ₂₈	Æ ₂₉	Œ ₃₀	Ø ₃₁	
<i>04x</i>	₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	~2x
<i>05x</i>	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	• ₄₆	/ ₄₇	
<i>06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
<i>07x</i>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	i ₆₀	= ₆₁	¿ ₆₂	? ₆₃	
<i>10x</i>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	~4x
<i>11x</i>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
<i>12x</i>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
<i>13x</i>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	" ₉₂	]₉₃	^ ₉₄	• ₉₅	
<i>14x</i>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
<i>15x</i>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<i>16x</i>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
<i>17x</i>	x ₁₂₀	y ₁₂₁	z ₁₂₂	- ₁₂₃	— ₁₂₄	" ₁₂₅	~ ₁₂₆	… ₁₂₇	
<i>20x</i>	€ ₁₂₈	Ł ₁₂₉	Ć ₁₃₀	> ₁₃₁	≥ ₁₃₂	≈ ₁₃₃	Ę ₁₃₄	ł ₁₃₅	~8x
<i>21x</i>	< ₁₃₆	≤ ₁₃₇	ł ₁₃₈	Ń ₁₃₉	~ ₁₄₀	^ ₁₄₁	fh ₁₄₂	† ₁₄₃	
<i>22x</i>	‡ ₁₄₄	Ś ₁₄₅	Š ₁₄₆	Ş ₁₄₇	° ₁₄₈	Ŧ ₁₄₉	ç ₁₅₀	Ű ₁₅₁	~9x
<i>23x</i>	ÿ ₁₅₂	Ž ₁₅₃	Ž ₁₅₄	Ż ₁₅₅	Ů ₁₅₆	{ ₁₅₇	} ₁₅₈	§ ₁₅₉	
<i>24x</i>	ff ₁₆₀	ą ₁₆₁	ć ₁₆₂	® ₁₆₃	© ₁₆₄	÷ ₁₆₅	ę ₁₆₆	ı ₁₆₇	~Ax
<i>25x</i>	— ₁₆₈	× ₁₆₉	ł ₁₇₀	ń ₁₇₁	± ₁₇₂	∞ ₁₇₃	« ₁₇₄	» ₁₇₅	
<i>26x</i>	ŕ ₁₇₆	ś ₁₇₇	š ₁₇₈	ş ₁₇₉	• ₁₈₀	ţ ₁₈₁	— ₁₈₂	ű ₁₈₃	~Bx
<i>27x</i>	ÿ ₁₈₄	ž ₁₈₅	ž ₁₈₆	ż ₁₈₇	ij ₁₈₈	• ₁₈₉	" ₁₉₀	' ₁₉₁	
<i>30x</i>	À ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ã ₁₉₅	Ä ₁₉₆	Å ₁₉₇	\ ₁₉₈	Ç ₁₉₉	~Cx
<i>31x</i>	È ₂₀₀	É ₂₀₁	Ê ₂₀₂	Ë ₂₀₃	Ì ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ï ₂₀₇	
<i>32x</i>	Đ ₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	Ɔ ₂₁₅	~Dx
<i>33x</i>	‰ ₂₁₆	Ù ₂₁₇	Ú ₂₁₈	Û ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Ɔ ₂₂₂	|₂₂₃	
<i>34x</i>	à ₂₂₄	á ₂₂₅	â ₂₂₆	ã ₂₂₇	ä ₂₂₈	å ₂₂₉	— ₂₃₀	ç ₂₃₁	~Ex
<i>35x</i>	è ₂₃₂	é ₂₃₃	ê ₂₃₄	ë ₂₃₅	ì ₂₃₆	í ₂₃₇	î ₂₃₈	ï ₂₃₉	

'36x	š ²⁴⁰	ñ ²⁴¹	ò ²⁴²	ó ²⁴³	ô ²⁴⁴	õ ²⁴⁵	ö ²⁴⁶	ƒ ²⁴⁷	~Fx
'37x	fk ²⁴⁸	ù ²⁴⁹	ú ²⁵⁰	û ²⁵¹	ü ²⁵²	ý ²⁵³	þ ²⁵⁴	„ ²⁵⁵	
	˜8	˜9	˜A	˜B	˜C	˜D	˜E	˜F	

11.2 L7X

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	` ⁰	' ¹	^ ²	~ ³	¨ ⁴	“ ⁵	° ⁶	ˇ ⁷	~0x
'01x	˘ ⁸	- ⁹	· ¹⁰	˘ ¹¹	˘ ¹²	, ¹³	< ¹⁴	> ¹⁵	
'02x	“ ¹⁶	” ¹⁷	„ ¹⁸	« ¹⁹	» ²⁰	— ²¹	— ²²	²³	~1x
'03x	o ²⁴	l ²⁵	j ²⁶	²⁷	fi ²⁸	fl ²⁹	³⁰	³¹	
'04x	³²	! ³³	" ³⁴	# ³⁵	\$ ³⁶	% ³⁷	& ³⁸	' ³⁹	~2x
'05x	(⁴⁰	)⁴¹	* ⁴²	+ ⁴³	, ⁴⁴	- ⁴⁵	· ⁴⁶	/ ⁴⁷	
'06x	0 ⁴⁸	1 ⁴⁹	2 ⁵⁰	3 ⁵¹	4 ⁵²	5 ⁵³	6 ⁵⁴	7 ⁵⁵	~3x
'07x	8 ⁵⁶	9 ⁵⁷	: ⁵⁸	; ⁵⁹	< ⁶⁰	= ⁶¹	> ⁶²	? ⁶³	
'10x	@ ⁶⁴	A ⁶⁵	B ⁶⁶	C ⁶⁷	D ⁶⁸	E ⁶⁹	F ⁷⁰	G ⁷¹	~4x
'11x	H ⁷²	I ⁷³	J ⁷⁴	K ⁷⁵	L ⁷⁶	M ⁷⁷	N ⁷⁸	O ⁷⁹	
'12x	P ⁸⁰	Q ⁸¹	R ⁸²	S ⁸³	T ⁸⁴	U ⁸⁵	V ⁸⁶	W ⁸⁷	~5x
'13x	X ⁸⁸	Y ⁸⁹	Z ⁹⁰	[⁹¹	\ ⁹²	]⁹³	^ ⁹⁴	_ ⁹⁵	
'14x	' ⁹⁶	a ⁹⁷	b ⁹⁸	c ⁹⁹	d ¹⁰⁰	e ¹⁰¹	f ¹⁰²	g ¹⁰³	~6x
'15x	h ¹⁰⁴	i ¹⁰⁵	j ¹⁰⁶	k ¹⁰⁷	l ¹⁰⁸	m ¹⁰⁹	n ¹¹⁰	o ¹¹¹	
'16x	p ¹¹²	q ¹¹³	r ¹¹⁴	s ¹¹⁵	t ¹¹⁶	u ¹¹⁷	v ¹¹⁸	w ¹¹⁹	~7x
'17x	x ¹²⁰	y ¹²¹	z ¹²²	{ ¹²³	|¹²⁴	} ¹²⁵	~ ¹²⁶	ff ¹²⁷	
'20x	€ ¹²⁸	ffi ¹²⁹	ffl ¹³⁰	f ¹³¹	fb ¹³²	... ¹³³	† ¹³⁴	‡ ¹³⁵	~8x
'21x	fh ¹³⁶	‰ ¹³⁷	fj ¹³⁸	fk ¹³⁹	Œ ¹⁴⁰	ft ¹⁴¹	ffb ¹⁴²	ffh ¹⁴³	
'22x	ffj ¹⁴⁴	ffk ¹⁴⁵	fft ¹⁴⁶	¹⁴⁷	¹⁴⁸	• ¹⁴⁹	¹⁵⁰	¹⁵¹	~9x
'23x	¹⁵²	™ ¹⁵³	¹⁵⁴	¹⁵⁵	œ ¹⁵⁶	¹⁵⁷	¹⁵⁸	¹⁵⁹	
'24x	¹⁶⁰	¹⁶¹	¢ ¹⁶²	£ ¹⁶³	¤ ¹⁶⁴	¹⁶⁵	¦ ¹⁶⁶	§ ¹⁶⁷	~Ax
'25x	∅ ¹⁶⁸	© ¹⁶⁹	Ŕ ¹⁷⁰	¹⁷¹	¬ ¹⁷²	- ¹⁷³	® ¹⁷⁴	Æ ¹⁷⁵	
'26x	° ¹⁷⁶	± ¹⁷⁷	² ¹⁷⁸	³ ¹⁷⁹	¹⁸⁰	μ ¹⁸¹	¶ ¹⁸²	· ¹⁸³	~Bx
'27x	ø ¹⁸⁴	¹ ¹⁸⁵	ŕ ¹⁸⁶	¹⁸⁷	¼ ¹⁸⁸	½ ¹⁸⁹	¾ ¹⁹⁰	æ ¹⁹¹	
'30x	À ¹⁹²	Ĭ ¹⁹³	Ā ¹⁹⁴	Ć ¹⁹⁵	Ä ¹⁹⁶	Å ¹⁹⁷	Ě ¹⁹⁸	Ě ¹⁹⁹	~Cx
'31x	Č ²⁰⁰	É ²⁰¹	Ž ²⁰²	È ²⁰³	Ĝ ²⁰⁴	Ķ ²⁰⁵	Ī ²⁰⁶	Ļ ²⁰⁷	
'32x	Š ²⁰⁸	Ň ²⁰⁹	Ň ²¹⁰	Ó ²¹¹	Ō ²¹²	Ō ²¹³	Ö ²¹⁴	× ²¹⁵	~Dx
'33x	Ů ²¹⁶	Ł ²¹⁷	Ś ²¹⁸	Ū ²¹⁹	Ü ²²⁰	Ž ²²¹	Ž ²²²	ß ²²³	

<i>34x</i>	ą ²²⁴	ĵ ²²⁵	ā ²²⁶	ć ²²⁷	ä ²²⁸	å ²²⁹	ę ²³⁰	ē ²³¹	~Ex
<i>35x</i>	č ²³²	é ²³³	ž ²³⁴	è ²³⁵	ǵ ²³⁶	ķ ²³⁷	ī ²³⁸	ĵ ²³⁹	
<i>36x</i>	š ²⁴⁰	ń ²⁴¹	ŋ ²⁴²	ó ²⁴³	ō ²⁴⁴	õ ²⁴⁵	ö ²⁴⁶	÷ ²⁴⁷	~Fx
<i>37x</i>	ų ²⁴⁸	ł ²⁴⁹	ś ²⁵⁰	ū ²⁵¹	ü ²⁵²	ź ²⁵³	ż ²⁵⁴	²⁵⁵	
	˜8	˜9	˜A	˜B	˜C	˜D	˜E	˜F	

11.3 CS

	0	1	2	3	4	5	6	7	
<i>00x</i>	Γ _o	Δ ₁	Θ ₂	Λ ₃	Ξ ₄	Π ₅	Σ ₆	Υ ₇	~0x
<i>01x</i>	Φ ₈	Ψ ₉	Ω ₁₀	κ ₁₁	fi ₁₂	fl ₁₃	π ₁₄	π ₁₅	
<i>02x</i>	ı ₁₆	ı ₁₇	` ₁₈	' ₁₉	˘ ₂₀	˙ ₂₁	- ₂₂	° ₂₃	~1x
<i>03x</i>	ı ₂₄	ß ₂₅	æ ₂₆	œ ₂₇	ø ₂₈	Æ ₂₉	Œ ₃₀	Ø ₃₁	
<i>04x</i>	₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	~2x
<i>05x</i>	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	. ₄₆	/ ₄₇	
<i>06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
<i>07x</i>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	i ₆₀	= ₆₁	ı ₆₂	? ₆₃	
<i>10x</i>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	~4x
<i>11x</i>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
<i>12x</i>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
<i>13x</i>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	· ₉₅	
<i>14x</i>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
<i>15x</i>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<i>16x</i>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
<i>17x</i>	x ₁₂₀	y ₁₂₁	z ₁₂₂	- ₁₂₃	— ₁₂₄	" ₁₂₅	~ ₁₂₆	¨ ₁₂₇	
<i>20x</i>	... ₁₂₈	† ₁₂₉	‡ ₁₃₀	• ₁₃₁	£ ₁₃₂	¶ ₁₃₃	€ ₁₃₄	ff ₁₃₅	~8x
<i>21x</i>	™ ₁₃₆	© ₁₃₇	® ₁₃₈	ffi ₁₃₉	ffl ₁₄₀	‰ ₁₄₁	< ₁₄₂	> ₁₄₃	
<i>22x</i>	fb ₁₄₄	fh ₁₄₅	fj ₁₄₆	fk ₁₄₇	ft ₁₄₈	ı ₁₄₉	ffb ₁₅₀	f ₁₅₁	~9x
<i>23x</i>	À ₁₅₂	ffh ₁₅₃	, ₁₅₄	ffj ₁₅₅	- ₁₅₆	ı ₁₅₇	« ₁₅₈	» ₁₅₉	
<i>24x</i>	ffk ₁₆₀	Å ₁₆₁	fft ₁₆₂	ł ₁₆₃	ɹ ₁₆₄	Ł ₁₆₅	Ś ₁₆₆	§ ₁₆₇	~Ax
<i>25x</i>	ł ₁₆₈	Š ₁₆₉	Ş ₁₇₀	ř ₁₇₁	Ž ₁₇₂	ŋ ₁₇₃	ž ₁₇₄	Ž ₁₇₅	
<i>26x</i>	° ₁₇₆	ą ₁₇₇	fi ₁₇₈	ł ₁₇₉	ıj ₁₈₀	ı ₁₈₁	ś ₁₈₂	> ₁₈₃	~Bx
<i>27x</i>	à ₁₈₄	š ₁₈₅	ş ₁₈₆	ř ₁₈₇	ž ₁₈₈	ŋ ₁₈₉	ž ₁₉₀	ž ₁₉₁	
<i>30x</i>	Ř ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ă ₁₉₅	Ä ₁₉₆	Í ₁₉₇	Ć ₁₉₈	Ç ₁₉₉	~Cx
<i>31x</i>	Č ₂₀₀	É ₂₀₁	Ę ₂₀₂	Ë ₂₀₃	Ě ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ď ₂₀₇	

<i>32x</i>	Đ ₂₀₈	Ń ₂₀₉	Ň ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	× ₂₁₅	~Dx
<i>33x</i>	Ř ₂₁₆	Ů ₂₁₇	Ú ₂₁₈	Ů ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Ť ₂₂₂	< ₂₂₃	
<i>34x</i>	í ₂₂₄	á ₂₂₅	â ₂₂₆	ǎ ₂₂₇	ä ₂₂₈	í ₂₂₉	ć ₂₃₀	ç ₂₃₁	~Ex
<i>35x</i>	č ₂₃₂	é ₂₃₃	ę ₂₃₄	ë ₂₃₅	ě ₂₃₆	í ₂₃₇	î ₂₃₈	d' ₂₃₉	
<i>36x</i>	ď ₂₄₀	ń ₂₄₁	ň ₂₄₂	ó ₂₄₃	ô ₂₄₄	ó ₂₄₅	ö ₂₄₆	÷ ₂₄₇	~Fx
<i>37x</i>	ř ₂₄₈	ů ₂₄₉	ú ₂₅₀	ů ₂₅₁	ü ₂₅₂	ý ₂₅₃	„ ₂₅₄	“ ₂₅₅	
	˜8	˜9	˜A	˜B	˜C	˜D	˜E	˜F	

11.4 LGR

	0	1	2	3	4	5	6	7	
<i>00x</i>	— ₀	1	2	3	4	5	6	7	~0x
<i>01x</i>	8	9	10	11	A ₁₂	ÿ ₁₃	α ₁₄	ü ₁₅	
<i>02x</i>	16	17	18	19	20	21	22	23	~1x
<i>03x</i>	€ ₂₄	% ₂₅	ə ₂₆	27	‘ ₂₈	, ₂₉	˘ ₃₀	— ₃₁	
<i>04x</i>	32	! ₃₃	.. ₃₄	“ ₃₅	36	% ₃₇	• ₃₈	' ₃₉	~2x
<i>05x</i>	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	• ₄₆	/ ₄₇	
<i>06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
<i>07x</i>	8 ₅₆	9 ₅₇	: ₅₈	• ₅₉	60	= ₆₁	62	; ₆₃	
<i>10x</i>	64	A ₆₅	B ₆₆	67	Δ ₆₈	E ₆₉	Φ ₇₀	Γ ₇₁	~4x
<i>11x</i>	H ₇₂	I ₇₃	Θ ₇₄	K ₇₅	Λ ₇₆	M ₇₇	N ₇₈	O ₇₉	
<i>12x</i>	Π ₈₀	X ₈₁	P ₈₂	Σ ₈₃	T ₈₄	Υ ₈₅	86	Ω ₈₇	~5x
<i>13x</i>	Ξ ₈₈	Ψ ₈₉	Z ₉₀	[₉₁	92	]₉₃	94	95	
<i>14x</i>	96	α ₉₇	β ₉₈	ς ₉₉	δ ₁₀₀	ε ₁₀₁	φ ₁₀₂	γ ₁₀₃	~6x
<i>15x</i>	η ₁₀₄	ι ₁₀₅	θ ₁₀₆	κ ₁₀₇	λ ₁₀₈	μ ₁₀₉	ν ₁₁₀	ο ₁₁₁	
<i>16x</i>	π ₁₁₂	χ ₁₁₃	ρ ₁₁₄	σ ₁₁₅	τ ₁₁₆	υ ₁₁₇	118	ω ₁₁₉	~7x
<i>17x</i>	ξ ₁₂₀	ψ ₁₂₁	ζ ₁₂₂	« ₁₂₃	124	» ₁₂₅	126	— ₁₂₇	
<i>20x</i>	128	129	130	131	132	133	134	135	~8x
<i>21x</i>	á ₁₃₆	137	138	139	140	141	142	143	
<i>22x</i>	144	145	146	147	148	149	150	151	~9x
<i>23x</i>	152	153	154	‘H ₁₅₅	156	157	158	‘E ₁₅₉	
<i>24x</i>	ή ₁₆₀	161	162	163	164	165	166	167	~Ax
<i>25x</i>	168	169	170	171	172	173	174	175	
<i>26x</i>	176	177	178	179	180	181	182	183	~Bx
<i>27x</i>	ώ ₁₈₄	185	186	187	188	189	190	191	
<i>30x</i>	192	193	194	195	196	197	198	‘A ₁₉₉	~Cx
<i>31x</i>	200	201	202	203	204	205	206	207	

'32x	í ₂₀₈	209	210	211	ú ₂₁₂	213	214	215	"Dx
'33x	216	217	218	ï ₂₁₉	220	221	222	ÿ ₂₂₃	
'34x	224	225	226	227	228	229	230	231	"Ex
'35x	é ₂₃₂	233	234	235	ó ₂₃₆	237	238	239	
'36x	ï ₂₄₀	241	ï ₂₄₂	243	ü ₂₄₄	245	Û ₂₄₆	247	"Fx
'37x	248	249	250	251	252	253	' ₂₅₄	, ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.5 T5

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	` ₀	' ₁	^ ₂	~ ₃	¨ ₄	· ₅	° ₆	ˇ ₇	"0x
'01x	˘ ₈	- ₉	· ₁₀	˙ ₁₁	¿ ₁₂	, ₁₃	< ₁₄	> ₁₅	
'02x	" ₁₆	" ₁₇	„ ₁₈	« ₁₉	» ₂₀	— ₂₁	— ₂₂	23	"1x
'03x	o ₂₄	l ₂₅	ÿ ₂₆	ÿ ₂₇	Ÿ ₂₈	ÿ ₂₉	Đ ₃₀	đ ₃₁	
'04x	˘ ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	"2x
'05x	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	
'06x	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	"3x
'07x	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	
'10x	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	"4x
'11x	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
'12x	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	"5x
'13x	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
'14x	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	"6x
'15x	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
'16x	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	"7x
'17x	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	ff ₁₂₇	
'20x	À ₁₂₈	Á ₁₂₉	Ã ₁₃₀	Ä ₁₃₁	Å ₁₃₂	Â ₁₃₃	Ã ₁₃₄	Ä ₁₃₅	"8x
'21x	Ã ₁₃₆	Ä ₁₃₇	Å ₁₃₈	Ä ₁₃₉	Å ₁₄₀	Ä ₁₄₁	Å ₁₄₂	Ä ₁₄₃	
'22x	Ä ₁₄₄	È ₁₄₅	É ₁₄₆	Ë ₁₄₇	Ê ₁₄₈	Ë ₁₄₉	Ê ₁₅₀	Ë ₁₅₁	"9x
'23x	Ë ₁₅₂	Ë ₁₅₃	Ë ₁₅₄	Ë ₁₅₅	Ì ₁₅₆	Í ₁₅₇	Ï ₁₅₈	Ì ₁₅₉	
'24x	à ₁₆₀	á ₁₆₁	ã ₁₆₂	ä ₁₆₃	å ₁₆₄	â ₁₆₅	ã ₁₆₆	ä ₁₆₇	"Ax
'25x	ã ₁₆₈	ä ₁₆₉	å ₁₇₀	ä ₁₇₁	å ₁₇₂	ä ₁₇₃	å ₁₇₄	ä ₁₇₅	
'26x	ä ₁₇₆	è ₁₇₇	é ₁₇₈	ë ₁₇₉	ê ₁₈₀	ë ₁₈₁	ê ₁₈₂	ë ₁₈₃	"Bx
'27x	é ₁₈₄	ë ₁₈₅	ê ₁₈₆	ë ₁₈₇	ì ₁₈₈	í ₁₈₉	ï ₁₉₀	ì ₁₉₁	

<i>'30x</i>	! ₁₉₂	ò ₁₉₃	ó ₁₉₄	õ ₁₉₅	ö ₁₉₆	ÿ ₁₉₇	ô ₁₉₈	ô ₁₉₉	~Cx
<i>'31x</i>	ő ₂₀₀	ő̃ ₂₀₁	ő̂ ₂₀₂	ô ₂₀₃	ơ ₂₀₄	ờ ₂₀₅	ớ ₂₀₆	ỡ ₂₀₇	
<i>'32x</i>	ö̂ ₂₀₈	ơ̂ ₂₀₉	ù ₂₁₀	ú ₂₁₁	ũ ₂₁₂	ủ ₂₁₃	ụ ₂₁₄	ư ₂₁₅	~Dx
<i>'33x</i>	ÿ̂ ₂₁₆	ư̂ ₂₁₇	ũ̂ ₂₁₈	ủ̂ ₂₁₉	ự ₂₂₀	ỳ ₂₂₁	ý ₂₂₂	ÿ̃ ₂₂₃	
<i>'34x</i>	ï ₂₂₄	ò ₂₂₅	ó ₂₂₆	õ ₂₂₇	ö ₂₂₈	ÿ ₂₂₉	ô ₂₃₀	ô ₂₃₁	~Ex
<i>'35x</i>	ő ₂₃₂	ő̃ ₂₃₃	ő̂ ₂₃₄	ô ₂₃₅	ơ ₂₃₆	ờ ₂₃₇	ớ ₂₃₈	ỡ ₂₃₉	
<i>'36x</i>	ö̂ ₂₄₀	ơ̂ ₂₄₁	ù ₂₄₂	ú ₂₄₃	ũ ₂₄₄	ủ ₂₄₅	ụ ₂₄₆	ư ₂₄₇	~Fx
<i>'37x</i>	ÿ̂ ₂₄₈	ư̂ ₂₄₉	ũ̂ ₂₅₀	ủ̂ ₂₅₁	ự ₂₅₂	ỳ ₂₅₃	ý ₂₅₄	ÿ̃ ₂₅₅	
	~8	~9	~A	~B	~C	~D	~E	~F	

11.6 T4

	0	1	2	3	4	5	6	7	
<i>'00x</i>	` ₀	' ₁	^ ₂	~ ₃	¨ ₄	" ₅	° ₆	ˇ ₇	~0x
<i>'01x</i>	˘ ₈	ˉ ₉	˙ ₁₀	˚ ₁₁	˛ ₁₂	˜ ₁₃	< ₁₄	> ₁₅	
<i>'02x</i>	“ ₁₆	” ₁₇	„ ₁₈	« ₁₉	» ₂₀	— ₂₁	— ₂₂	₂₃	~1x
<i>'03x</i>	o ₂₄	l ₂₅	J ₂₆	ff ₂₇	fi ₂₈	fl ₂₉	ffi ₃₀	ffl ₃₁	
<i>'04x</i>	ı ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	~2x
<i>'05x</i>	(₄₀	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	
<i>'06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
<i>'07x</i>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	
<i>'10x</i>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	~4x
<i>'11x</i>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
<i>'12x</i>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
<i>'13x</i>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
<i>'14x</i>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
<i>'15x</i>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<i>'16x</i>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
<i>'17x</i>	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	- ₁₂₇	
<i>'20x</i>	fb ₁₂₈	fh ₁₂₉	fj ₁₃₀	fk ₁₃₁	ft ₁₃₂	ě ₁₃₃	ffb ₁₃₄	H ₁₃₅	~8x
<i>'21x</i>	ffh ₁₃₆	ffj ₁₃₇	ffk ₁₃₈	Ń ₁₃₉	fft ₁₄₀	Ń ₁₄₁	₁₄₂	₁₄₃	
<i>'22x</i>	₁₄₄	₁₄₅	š ₁₄₆	Ň ₁₄₇	Ň ₁₄₈	š ₁₄₉	ž ₁₅₀	ř ₁₅₁	~9x
<i>'23x</i>	Ě ₁₅₂	Ě ₁₅₃	₁₅₄	₁₅₅	₁₅₆	fj ₁₅₇	đ ₁₅₈	₁₅₉	
<i>'24x</i>	₁₆₀	₁₆₁	₁₆₂	₁₆₃	f ₁₆₄	ě ₁₆₅	₁₆₆	ħ ₁₆₇	~Ax
<i>'25x</i>	₁₆₈	₁₆₉	₁₇₀	ń ₁₇₁	₁₇₂	ŋ ₁₇₃	₁₇₄	₁₇₅	

<i>26x</i>	176	177	š ¹⁷⁸	ň ¹⁷⁹	ņ ¹⁸⁰	ş ¹⁸¹	Ʒ ¹⁸²	₣ ¹⁸³	"Bx
<i>27x</i>	è ¹⁸⁴	ę ¹⁸⁵	186	187	188	ı ¹⁸⁹	ı ¹⁹⁰	191	
<i>30x</i>	192	! ¹⁹³	194	Ã ¹⁹⁵	196	197	Æ ¹⁹⁸	Ç ¹⁹⁹	"Cx
<i>31x</i>	È ²⁰⁰	É ²⁰¹	Ě ²⁰²	Ě ²⁰³	204	Ē ²⁰⁵	Ē ²⁰⁶	Í ²⁰⁷	
<i>32x</i>	208	Ñ ²⁰⁹	Ò ²¹⁰	211	Ô ²¹²	Õ ²¹³	Ö ²¹⁴	Œ ²¹⁵	"Dx
<i>33x</i>	Ø ²¹⁶	Ŏ ²¹⁷	218	Ō ²¹⁹	Ŏ ²²⁰	Ŭ ²²¹	Ū ²²²	Ł ²²³	
<i>34x</i>	224	ı ²²⁵	226	ã ²²⁷	228	229	æ ²³⁰	ç ²³¹	"Ex
<i>35x</i>	è ²³²	é ²³³	ě ²³⁴	ë ²³⁵	236	ē ²³⁷	ē ²³⁸	í ²³⁹	
<i>36x</i>	240	ñ ²⁴¹	ò ²⁴²	243	ô ²⁴⁴	õ ²⁴⁵	ö ²⁴⁶	œ ²⁴⁷	"Fx
<i>37x</i>	ø ²⁴⁸	ŏ ²⁴⁹	250	ō ²⁵¹	ŏ ²⁵²	ŭ ²⁵³	ū ²⁵⁴	ł ²⁵⁵	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.7 TS3

	0	1	2	3	4	5	6	7	
<i>00x</i>	o	1	2	3	4	5	6	↓ ⁷	"0x
<i>01x</i>	↑ ⁸	9	10	11	12	13	14	15	
<i>04x</i>	32	33	34	35	36	37	38	39	"2x
<i>05x</i>	40	41	42	43	Ÿ ⁴⁴	45	46	47	
<i>10x</i>	64	65	66	67	68	69	|⁷⁰	71	"4x
<i>11x</i>	72	73	74	75	76	77	78	79	
<i>12x</i>	þ ⁸⁰	þ ⁸¹	þ ⁸²	þ ⁸³	84	85	86	87	"5x
<i>13x</i>	88	89	90	91	92	93	94	95	
<i>16x</i>	112	113	δ ¹¹⁴	115	116	117	118	119	"7x
<i>17x</i>	120	q ¹²¹	122	123	124	125	126	127	
<i>36x</i>	240	241	242	243	244	245	246	247	"Fx
<i>37x</i>	248	249	250	fl ²⁵¹	l ²⁵²	fl ²⁵³	i ²⁵⁴	f ²⁵⁵	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.8 T3

	0	1	2	3	4	5	6	7	
<i>00x</i>	˘ ^o	˘ ¹	ˆ ²	˜ ³	¨ ⁴	5	˚ ⁶	˘ ⁷	"0x
<i>01x</i>	˘ ⁸	9	˙ ¹⁰	˘ ¹¹	˘ ¹²	13	14	15	
<i>02x</i>	16	17	18	19	˘ ²⁰	˘ ²¹	22	23	"1x
<i>03x</i>	24	l ²⁵	J ²⁶	27	28	29	30	31	

'04x	32	33	' 34	35	36	37	38	' 39	"2x
'05x	(40	) 41	* 42	+ 43	, 44	- 45	. 46	/ 47	
'06x	48	49	50	51	52	53	54	55	"3x
'07x	56	57	58	59	60	= 61	62	? 63	
'10x	ə 64	α 65	β 66	67	ð 68	69	70	71	"4x
'11x	72	73	74	75	76	77	η 78	79	
'12x	80	81	82	83	θ 84	85	86	87	"5x
'13x	χ 88	89	ζ 90	[91	92	] 93	94	95	
'14x	' 96	a 97	b 98	c 99	d 100	e 101	f 102	g 103	"6x
'15x	h 104	i 105	j 106	k 107	l 108	m 109	n 110	o 111	
'16x	p 112	q 113	r 114	s 115	t 116	u 117	v 118	w 119	"7x
'17x	x 120	y 121	z 122	123	124	125	126	, 127	
'22x	144	145	146	147	148	149	↗ 150	↘ 151	"9x
'23x	152	153	154	155	156	157	158	159	
'24x	160	đ 161	162	163	164	g 165	166	167	"Ax
'25x	168	169	170	λ 171	172	173	174	175	
'26x	ω 176	ω 177	178	179	180	181	182	183	"Bx
'27x	184	185	b 186	ḃ 187	188	189	190	| 191	
'34x	224	225	226	227	228	229	æ 230	ς 231	"Ex
'35x	ħ 232	233	234	235	236	237	238	239	
'36x	240	241	242	243	244	245	246	œ 247	"Fx
'37x	ø 248	249	250	251	252	253	þ 254	255	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.9 T2C

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	` 0	' 1	^ 2	~ 3	¨ 4	" 5	° 6	ˇ 7	"0x
'01x	˘ 8	- 9	· 10	˙ 11	˚ 12	l 13	ff 14	ffl 15	
'02x	" 16	" 17	fb 18	fh 19	fj 20	- 21	— 22	ff 23	"1x
'03x	o 24	l 25	J 26	fk 27	fi 28	fl 29	ft 30	ffb 31	
'04x	⌵ 32	! 33	" 34	# 35	\$ 36	% 37	& 38	' 39	"2x
'05x	(40	) 41	* 42	+ 43	, 44	- 45	. 46	/ 47	
'06x	0 48	1 49	2 50	3 51	4 52	5 53	6 54	7 55	"3x
'07x	8 56	9 57	: 58	; 59	< 60	= 61	> 62	? 63	
'10x	@ 64	A 65	B 66	C 67	D 68	E 69	F 70	G 71	"4x
'11x	H 72	I 73	J 74	K 75	L 76	M 77	N 78	O 79	

<i>'12x</i>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	"5x
<i>'13x</i>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
<i>'14x</i>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	"6x
<i>'15x</i>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<i>'16x</i>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	"7x
<i>'17x</i>	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	- ₁₂₇	
<i>'20x</i>	П ₁₂₈	Ц ₁₂₉	Т ₁₃₀	Б ₁₃₁	Һ ₁₃₂	ffh ₁₃₃	Р ₁₃₄	З ₁₃₅	"8x
<i>'21x</i>	ffj ₁₃₆	К ₁₃₇	ffk ₁₃₈	К ₁₃₉	fft ₁₄₀	Ң ₁₄₁	₁₄₂	Ң ₁₄₃	
<i>'22x</i>	Ө ₁₄₄	Е ₁₄₅	Ғ ₁₄₆	Ҫ ₁₄₇	₁₄₈	Ҙ ₁₄₉	Ц ₁₅₀	Q ₁₅₁	"9x
<i>'23x</i>	Ҷ ₁₅₂	₁₅₃	Ә ₁₅₄	₁₅₅	Ё ₁₅₆	№ ₁₅₇	Ҙ ₁₅₈	§ ₁₅₉	
<i>'24x</i>	Ң ₁₆₀	ц ₁₆₁	т ₁₆₂	б ₁₆₃	һ ₁₆₄	₁₆₅	р ₁₆₆	з ₁₆₇	"Ax
<i>'25x</i>	₁₆₈	қ ₁₆₉	₁₇₀	к ₁₇₁	₁₇₂	ң ₁₇₃	₁₇₄	җ ₁₇₅	
<i>'26x</i>	ө ₁₇₆	е ₁₇₇	ғ ₁₇₈	ҫ ₁₇₉	₁₈₀	ҙ ₁₈₁	ц ₁₈₂	q ₁₈₃	"Bx
<i>'27x</i>	җ ₁₈₄	₁₈₅	ә ₁₈₆	₁₈₇	ё ₁₈₈	„ ₁₈₉	« ₁₉₀	» ₁₉₁	
<i>'30x</i>	А ₁₉₂	Б ₁₉₃	В ₁₉₄	Г ₁₉₅	Д ₁₉₆	Е ₁₉₇	Ж ₁₉₈	З ₁₉₉	"Cx
<i>'31x</i>	И ₂₀₀	Й ₂₀₁	К ₂₀₂	Л ₂₀₃	М ₂₀₄	Н ₂₀₅	О ₂₀₆	П ₂₀₇	
<i>'32x</i>	Р ₂₀₈	С ₂₀₉	Т ₂₁₀	У ₂₁₁	Ф ₂₁₂	Х ₂₁₃	Ц ₂₁₄	Ч ₂₁₅	"Dx
<i>'33x</i>	Ш ₂₁₆	Щ ₂₁₇	Ъ ₂₁₈	Ы ₂₁₉	Ь ₂₂₀	Э ₂₂₁	Ю ₂₂₂	Я ₂₂₃	
<i>'34x</i>	a ₂₂₄	б ₂₂₅	в ₂₂₆	г ₂₂₇	д ₂₂₈	e ₂₂₉	ж ₂₃₀	з ₂₃₁	"Ex
<i>'35x</i>	и ₂₃₂	й ₂₃₃	к ₂₃₄	л ₂₃₅	м ₂₃₆	н ₂₃₇	о ₂₃₈	п ₂₃₉	
<i>'36x</i>	р ₂₄₀	с ₂₄₁	т ₂₄₂	у ₂₄₃	ф ₂₄₄	х ₂₄₅	ц ₂₄₆	ч ₂₄₇	"Fx
<i>'37x</i>	ш ₂₄₈	щ ₂₄₉	ъ ₂₅₀	ы ₂₅₁	ь ₂₅₂	э ₂₅₃	ю ₂₅₄	я ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.10 T2B

	<i>'0</i>	<i>'1</i>	<i>'2</i>	<i>'3</i>	<i>'4</i>	<i>'5</i>	<i>'6</i>	<i>'7</i>	"0x
<i>'00x</i>	\ ₀	' ₁	^ ₂	~ ₃	¨ ₄	" ₅	° ₆	ˇ ₇	
<i>'01x</i>	ˇ ₈	- ₉	· ₁₀	˘ ₁₁	ç ₁₂	l ₁₃	ff ₁₄	ffl ₁₅	"1x
<i>'02x</i>	" ₁₆	" ₁₇	fb ₁₈	fh ₁₉	fj ₂₀	- ₂₁	- ₂₂	ff ₂₃	
<i>'03x</i>	o ₂₄	l ₂₅	j ₂₆	fk ₂₇	fi ₂₈	fl ₂₉	ft ₃₀	ffb ₃₁	"2x
<i>'04x</i>	┌ ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	
<i>'05x</i>	(₄₀	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	"3x
<i>'06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	
<i>'07x</i>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	"4x
<i>'10x</i>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	
<i>'11x</i>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	

<i>12x</i>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
<i>13x</i>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
<i>14x</i>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
<i>15x</i>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<i>16x</i>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
<i>17x</i>	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	- ₁₂₇	
<i>20x</i>	ffh ₁₂₈	F ₁₂₉	ffj ₁₃₀	Б ₁₃₁	h ₁₃₂	Ж ₁₃₃	ffk ₁₃₄	З ₁₃₅	~8x
<i>21x</i>	Ь ₁₃₆	Қ ₁₃₇	fft ₁₃₈	Қ ₁₃₉	₁₄₀	Ғ ₁₄₁	Ғ ₁₄₂	Ғ ₁₄₃	
<i>22x</i>	Ө ₁₄₄	₁₄₅	Ў ₁₄₆	Ү ₁₄₇	₁₄₈	Ҳ ₁₄₉	₁₅₀	Ҷ ₁₅₁	~9x
<i>23x</i>	Ҷ ₁₅₂	Ң ₁₅₃	Ә ₁₅₄	₁₅₅	Ё ₁₅₆	№ ₁₅₇	Ұ ₁₅₈	§ ₁₅₉	
<i>24x</i>	₁₆₀	Ғ ₁₆₁	₁₆₂	Ғ ₁₆₃	h ₁₆₄	Ж ₁₆₅	₁₆₆	З ₁₆₇	~Ax
<i>25x</i>	Ь ₁₆₈	Қ ₁₆₉	₁₇₀	Қ ₁₇₁	₁₇₂	Ғ ₁₇₃	Ғ ₁₇₄	Ғ ₁₇₅	
<i>26x</i>	Ө ₁₇₆	₁₇₇	Ў ₁₇₈	Ү ₁₇₉	₁₈₀	Ҳ ₁₈₁	₁₈₂	Ҷ ₁₈₃	~Bx
<i>27x</i>	Ҷ ₁₈₄	Ң ₁₈₅	Ә ₁₈₆	₁₈₇	ё ₁₈₈	„ ₁₈₉	« ₁₉₀	» ₁₉₁	
<i>30x</i>	А ₁₉₂	Б ₁₉₃	В ₁₉₄	Г ₁₉₅	Д ₁₉₆	Е ₁₉₇	Ж ₁₉₈	З ₁₉₉	~Cx
<i>31x</i>	И ₂₀₀	Й ₂₀₁	К ₂₀₂	Л ₂₀₃	М ₂₀₄	Н ₂₀₅	О ₂₀₆	П ₂₀₇	
<i>32x</i>	Р ₂₀₈	С ₂₀₉	Т ₂₁₀	У ₂₁₁	Ф ₂₁₂	Х ₂₁₃	Ц ₂₁₄	Ч ₂₁₅	~Dx
<i>33x</i>	Ш ₂₁₆	Щ ₂₁₇	Ъ ₂₁₈	Ы ₂₁₉	Ь ₂₂₀	Э ₂₂₁	Ю ₂₂₂	Я ₂₂₃	
<i>34x</i>	a ₂₂₄	б ₂₂₅	в ₂₂₆	г ₂₂₇	д ₂₂₈	е ₂₂₉	ж ₂₃₀	з ₂₃₁	~Ex
<i>35x</i>	и ₂₃₂	й ₂₃₃	к ₂₃₄	л ₂₃₅	м ₂₃₆	н ₂₃₇	о ₂₃₈	п ₂₃₉	
<i>36x</i>	р ₂₄₀	с ₂₄₁	т ₂₄₂	у ₂₄₃	ф ₂₄₄	х ₂₄₅	ц ₂₄₆	ч ₂₄₇	~Fx
<i>37x</i>	ш ₂₄₈	щ ₂₄₉	ъ ₂₅₀	ы ₂₅₁	ь ₂₅₂	э ₂₅₃	ю ₂₅₄	я ₂₅₅	
	~8	~9	~A	~B	~C	~D	~E	~F	

11.11 T2A

	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	
<i>00x</i>	` ₀	' ₁	^ ₂	~ ₃	¨ ₄	” ₅	° ₆	˘ ₇	~0x
<i>01x</i>	˘ ₈	- ₉	· ₁₀	˘ ₁₁	ç ₁₂	l ₁₃	ffi ₁₄	ffl ₁₅	
<i>02x</i>	“ ₁₆	” ₁₇	fb ₁₈	fh ₁₉	fj ₂₀	- ₂₁	— ₂₂	ff ₂₃	~1x
<i>03x</i>	o ₂₄	l ₂₅	j ₂₆	fk ₂₇	fi ₂₈	fl ₂₉	ft ₃₀	ffb ₃₁	
<i>04x</i>	˘ ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	~2x
<i>05x</i>	(₄₀	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	
<i>06x</i>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
<i>07x</i>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	
<i>10x</i>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	~4x
<i>11x</i>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	

'12x	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	"5x
'13x	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
'14x	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	"6x
'15x	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
'16x	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	"7x
'17x	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	- ₁₂₇	
'20x	Ґ ₁₂₈	Ғ ₁₂₉	Ҕ ₁₃₀	Җ ₁₃₁	Һ ₁₃₂	Ҙ ₁₃₃	Ҝ ₁₃₄	Ҟ ₁₃₅	"8x
'21x	İ ₁₃₆	Қ ₁₃₇	Ҝ ₁₃₈	Ҟ ₁₃₉	Æ ₁₄₀	Ҙ ₁₄₁	Ҟ ₁₄₂	Ѕ ₁₄₃	
'22x	Ө ₁₄₄	Ҙ ₁₄₅	Ҟ ₁₄₆	Ҟ ₁₄₇	Ҟ ₁₄₈	Ҟ ₁₄₉	Ҟ ₁₅₀	Ҟ ₁₅₁	"9x
'23x	Ҙ ₁₅₂	€ ₁₅₃	Ә ₁₅₄	Ҟ ₁₅₅	Ё ₁₅₆	№ ₁₅₇	Ҟ ₁₅₈	§ ₁₅₉	
'24x	Ғ ₁₆₀	Ғ ₁₆₁	Ҕ ₁₆₂	Җ ₁₆₃	Һ ₁₆₄	Ҙ ₁₆₅	Ҝ ₁₆₆	Ҟ ₁₆₇	"Ax
'25x	İ ₁₆₈	Қ ₁₆₉	Ҝ ₁₇₀	Ҟ ₁₇₁	æ ₁₇₂	Ҙ ₁₇₃	Ҟ ₁₇₄	Ѕ ₁₇₅	
'26x	ө ₁₇₆	Ҙ ₁₇₇	Ҟ ₁₇₈	Ҟ ₁₇₉	Ҟ ₁₈₀	Ҟ ₁₈₁	Ҟ ₁₈₂	Ҟ ₁₈₃	"Bx
'27x	Ҙ ₁₈₄	€ ₁₈₅	Ә ₁₈₆	Ҟ ₁₈₇	Ё ₁₈₈	„ ₁₈₉	« ₁₉₀	» ₁₉₁	
'30x	А ₁₉₂	Б ₁₉₃	В ₁₉₄	Г ₁₉₅	Д ₁₉₆	Е ₁₉₇	Ж ₁₉₈	З ₁₉₉	"Cx
'31x	И ₂₀₀	Й ₂₀₁	К ₂₀₂	Л ₂₀₃	М ₂₀₄	Н ₂₀₅	О ₂₀₆	П ₂₀₇	
'32x	Р ₂₀₈	С ₂₀₉	Т ₂₁₀	У ₂₁₁	Ф ₂₁₂	Х ₂₁₃	Ц ₂₁₄	Ч ₂₁₅	"Dx
'33x	Ш ₂₁₆	Щ ₂₁₇	Ъ ₂₁₈	Ы ₂₁₉	Ь ₂₂₀	Э ₂₂₁	Ю ₂₂₂	Я ₂₂₃	
'34x	a ₂₂₄	б ₂₂₅	в ₂₂₆	г ₂₂₇	д ₂₂₈	е ₂₂₉	ж ₂₃₀	з ₂₃₁	"Ex
'35x	и ₂₃₂	й ₂₃₃	к ₂₃₄	л ₂₃₅	м ₂₃₆	н ₂₃₇	о ₂₃₈	п ₂₃₉	
'36x	р ₂₄₀	с ₂₄₁	т ₂₄₂	у ₂₄₃	ф ₂₄₄	х ₂₄₅	ц ₂₄₆	ч ₂₄₇	"Fx
'37x	ш ₂₄₈	щ ₂₄₉	ъ ₂₅₀	ы ₂₅₁	ь ₂₅₂	э ₂₅₃	ю ₂₅₄	я ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.12 LY1

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	ff ₀	€ ₁	ffi ₂	ffl ₃	/ ₄	' ₅	" ₆	с ₇	"0x
'01x	fl ₈	fb ₉	₁₀	fj ₁₁	fi ₁₂	fh ₁₃	fk ₁₄	ft ₁₅	
'02x	l ₁₆	j ₁₇	` ₁₈	' ₁₉	˘ ₂₀	˙ ₂₁	- ₂₂	° ₂₃	"1x
'03x	˘ ₂₄	ß ₂₅	æ ₂₆	œ ₂₇	ø ₂₈	Æ ₂₉	Œ ₃₀	Ø ₃₁	
'04x	₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	"2x
'05x	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	
'06x	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	"3x
'07x	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	
'10x	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	"4x
'11x	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	

'12x	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
'13x	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂	]₉₃	^ ₉₄	_ ₉₅	
'14x	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
'15x	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
'16x	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
'17x	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	¨ ₁₂₇	
'20x	Ł ₁₂₈	ı ₁₂₉	ı ₁₃₀	f ₁₃₁	„ ₁₃₂	… ₁₃₃	† ₁₃₄	‡ ₁₃₅	~8x
'21x	^ ₁₃₆	‰ ₁₃₇	Š ₁₃₈	< ₁₃₉	Œ ₁₄₀	Ž ₁₄₁	^ ₁₄₂	- ₁₄₃	
'22x	ł ₁₄₄	ı ₁₄₅	ı ₁₄₆	“ ₁₄₇	” ₁₄₈	• ₁₄₉	- ₁₅₀	— ₁₅₁	~9x
'23x	˜ ₁₅₂	™ ₁₅₃	š ₁₅₄	> ₁₅₅	œ ₁₅₆	ž ₁₅₇	˜ ₁₅₈	ÿ ₁₅₉	
'24x	ˆ ₁₆₀	ı ₁₆₁	¢ ₁₆₂	£ ₁₆₃	¤ ₁₆₄	¥ ₁₆₅	¦ ₁₆₆	§ ₁₆₇	~Ax
'25x	¨ ₁₆₈	© ₁₆₉	ª ₁₇₀	« ₁₇₁	¬ ₁₇₂	ffb ₁₇₃	® ₁₇₄	- ₁₇₅	
'26x	° ₁₇₆	± ₁₇₇	² ₁₇₈	³ ₁₇₉	´ ₁₈₀	µ ₁₈₁	¶ ₁₈₂	· ₁₈₃	~Bx
'27x	¸ ₁₈₄	¹ ₁₈₅	º ₁₈₆	» ₁₈₇	¼ ₁₈₈	½ ₁₈₉	¾ ₁₉₀	¿ ₁₉₁	
'30x	À ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ã ₁₉₅	Ä ₁₉₆	Å ₁₉₇	Æ ₁₉₈	Ç ₁₉₉	~Cx
'31x	È ₂₀₀	É ₂₀₁	Ê ₂₀₂	Ë ₂₀₃	Ì ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ï ₂₀₇	
'32x	Ð ₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	× ₂₁₅	~Dx
'33x	Ø ₂₁₆	Ù ₂₁₇	Ú ₂₁₈	Û ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Þ ₂₂₂	ß ₂₂₃	
'34x	à ₂₂₄	á ₂₂₅	â ₂₂₆	ã ₂₂₇	ä ₂₂₈	å ₂₂₉	æ ₂₃₀	ç ₂₃₁	~Ex
'35x	è ₂₃₂	é ₂₃₃	ê ₂₃₄	ë ₂₃₅	ì ₂₃₆	í ₂₃₇	î ₂₃₈	ï ₂₃₉	
'36x	ð ₂₄₀	ñ ₂₄₁	ò ₂₄₂	ó ₂₄₃	ô ₂₄₄	õ ₂₄₅	ö ₂₄₆	÷ ₂₄₇	~Fx
'37x	ø ₂₄₈	ù ₂₄₉	ú ₂₅₀	û ₂₅₁	ü ₂₅₂	ý ₂₅₃	þ ₂₅₄	ÿ ₂₅₅	
	~8	~9	~A	~B	~C	~D	~E	~F	

11.13 OT1

	0	1	2	3	4	5	6	7	
'00x	Γ ₀	Δ ₁	Θ ₂	Λ ₃	Ξ ₄	Π ₅	Σ ₆	Υ ₇	~0x
'01x	Φ ₈	Ψ ₉	Ω ₁₀	ı ₁₁	fi ₁₂	fl ₁₃	ı ₁₄	ı ₁₅	
'02x	ı ₁₆	ı ₁₇	ı ₁₈	ı ₁₉	ı ₂₀	ı ₂₁	ı ₂₂	ı ₂₃	~1x
'03x	ı ₂₄	ı ₂₅	ı ₂₆	ı ₂₇	ı ₂₈	ı ₂₉	ı ₃₀	ı ₃₁	
'04x	ı ₃₂	ı ₃₃	ı ₃₄	ı ₃₅	ı ₃₆	ı ₃₇	ı ₃₈	ı ₃₉	~2x
'05x	(₄₀)	)₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	
'06x	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	~3x
'07x	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	ı ₆₀	= ₆₁	ı ₆₂	? ₆₃	

'10x	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	~4x
'11x	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
'12x	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	~5x
'13x	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	" ₉₂	]₉₃	^ ₉₄	· ₉₅	
'14x	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	~6x
'15x	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
'16x	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	~7x
'17x	x ₁₂₀	y ₁₂₁	z ₁₂₂	- ₁₂₃	— ₁₂₄	" ₁₂₅	~ ₁₂₆	¨ ₁₂₇	
'20x	ff ₁₂₈	ffi ₁₂₉	ffl ₁₃₀	fb ₁₃₁	fh ₁₃₂	fj ₁₃₃	fk ₁₃₄	ft ₁₃₅	~8x
'21x	ffb ₁₃₆	ffh ₁₃₇	ł ₁₃₈	ffj ₁₃₉	ffk ₁₄₀	fft ₁₄₁	142	143	
'24x	160	161	162	163	164	165	166	167	~Ax
'25x	168	169	ł ₁₇₀	171	172	173	174	175	
	~8	~9	~A	~B	~C	~D	~E	~F	

11.14 TS1

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	o	1	2	3	4	5	6	7	~0x
'01x	8	9	10	ı ₁₁	ç ₁₂	, ₁₃	14	15	
'02x	16	17	„ ₁₈	19	20	— ₂₁	— ₂₂	23	~1x
'03x	← ₂₄	→ ₂₅	26	27	28	29	30	31	
'04x	└ ₃₂	33	34	35	\$ ₃₆	37	38	' ₃₉	~2x
'05x	40	41	* ₄₂	43	, ₄₄	45	· ₄₆	/ ₄₇	
'06x	48	49	50	51	52	53	54	55	~3x
'07x	56	57	58	59	< ₆₀	— ₆₁	> ₆₂	63	
'12x	80	81	82	83	84	85	86	Ω ₈₇	~5x
'13x	88	89	90	91	92	93	↑ ₉₄	↓ ₉₅	
'20x	128	129	130	131	† ₁₃₂	‡ ₁₃₃	||₁₃₄	‰ ₁₃₅	~8x
'21x	• ₁₃₆	°C ₁₃₇	138	139	f ₁₄₀	¢ ₁₄₁	142	143	
'22x	144	145	£ ₁₄₆	147	? ₁₄₈	ı ₁₄₉	đ ₁₅₀	™ ₁₅₁	~9x
'23x	152	153	154	Nº ₁₅₅	156	e ₁₅₇	o ₁₅₈	159	
'24x	160	161	¢ ₁₆₂	£ ₁₆₃	α ₁₆₄	¥ ₁₆₅	ı ₁₆₆	§ ₁₆₇	~Ax
'25x	168	© ₁₆₉	a ₁₇₀	171	¬ ₁₇₂	173	® ₁₇₄	175	
'26x	° ₁₇₆	± ₁₇₇	2 ₁₇₈	3 ₁₇₉	180	μ ₁₈₁	¶ ₁₈₂	· ₁₈₃	~Bx
'27x	184	¹ ₁₈₅	o ₁₈₆	√ ₁₈₇	¼ ₁₈₈	½ ₁₈₉	¾ ₁₉₀	€ ₁₉₁	
'32x	208	209	210	211	212	213	× ₂₁₄	215	~Dx
'33x	216	217	218	219	220	221	222	223	

'36x	240	241	242	243	244	245	÷ ²⁴⁶	247	"Fx
'37x	248	249	250	fl ²⁵¹	l ²⁵²	fi ²⁵³	i ²⁵⁴	f ²⁵⁵	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.15 T1

	'0	'1	'2	'3	'4	'5	'6	'7	"0x
'00x	` _o	' ₁	^ ₂	~ ₃	¨ ₄	" ₅	° ₆	ˇ ₇	
'01x	˘ ₈	ˉ ₉	˙ ₁₀	˚ ₁₁	˛ ₁₂	, ₁₃	< ₁₄	> ₁₅	"1x
'02x	“ ₁₆	” ₁₇	„ ₁₈	« ₁₉	» ₂₀	– ₂₁	— ₂₂	₂₃	
'03x	o ₂₄	l ₂₅	J ₂₆	ff ₂₇	fi ₂₈	fl ₂₉	ffi ₃₀	ffl ₃₁	"2x
'04x	⌒ ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	
'05x	(₄₀) ₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	· ₄₆	/ ₄₇	"3x
'06x	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	
'07x	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	< ₆₀	= ₆₁	> ₆₂	? ₆₃	"4x
'10x	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	
'11x	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	"5x
'12x	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	
'13x	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	\ ₉₂] ₉₃	^ ₉₄	_ ₉₅	"6x
'14x	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	
'15x	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	"7x
'16x	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	
'17x	x ₁₂₀	y ₁₂₁	z ₁₂₂	{ ₁₂₃	|₁₂₄	} ₁₂₅	~ ₁₂₆	- ₁₂₇	"8x
'20x	Ǻ ₁₂₈	Ȧ ₁₂₉	Ć ₁₃₀	Č ₁₃₁	Ǿ ₁₃₂	Ě ₁₃₃	ƒ ₁₃₄	Ǧ ₁₃₅	
'21x	Ĺ ₁₃₆	Ł ₁₃₇	Ł ₁₃₈	Ń ₁₃₉	Ň ₁₄₀	Ŋ ₁₄₁	Ŏ ₁₄₂	Ŕ ₁₄₃	"9x
'22x	Ř ₁₄₄	Ś ₁₄₅	Š ₁₄₆	Ş ₁₄₇	Ť ₁₄₈	Ț ₁₄₉	Ů ₁₅₀	Ű ₁₅₁	
'23x	ÿ ₁₅₂	Ż ₁₅₃	Ž ₁₅₄	Ž ₁₅₅	U ₁₅₆	ı ₁₅₇	đ ₁₅₈	Ş ₁₅₉	"Ax
'24x	ǻ ₁₆₀	ą ₁₆₁	ć ₁₆₂	č ₁₆₃	d' ₁₆₄	ě ₁₆₅	ę ₁₆₆	ǧ ₁₆₇	
'25x	í ₁₆₈	l' ₁₆₉	ł ₁₇₀	ń ₁₇₁	ň ₁₇₂	ŋ ₁₇₃	ó ₁₇₄	í ₁₇₅	"Bx
'26x	ř ₁₇₆	ś ₁₇₇	š ₁₇₈	ş ₁₇₉	ť ₁₈₀	ț ₁₈₁	ů ₁₈₂	ű ₁₈₃	
'27x	ÿ ₁₈₄	ż ₁₈₅	ž ₁₈₆	ž ₁₈₇	ij ₁₈₈	i ₁₈₉	ı ₁₉₀	£ ₁₉₁	"Cx
'30x	À ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ã ₁₉₅	Ä ₁₉₆	Å ₁₉₇	Æ ₁₉₈	Ç ₁₉₉	
'31x	È ₂₀₀	É ₂₀₁	Ê ₂₀₂	Ë ₂₀₃	Ì ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ï ₂₀₇	"Dx
'32x	Ð ₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	Ɔ ₂₁₅	
'33x	Ø ₂₁₆	Ù ₂₁₇	Ú ₂₁₈	Û ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Ɔ ₂₂₂	Ɔ ₂₂₃	

'34x	à ²²⁴	á ²²⁵	â ²²⁶	ã ²²⁷	ä ²²⁸	å ²²⁹	æ ²³⁰	ç ²³¹	"Ex
'35x	è ²³²	é ²³³	ê ²³⁴	ë ²³⁵	ì ²³⁶	í ²³⁷	î ²³⁸	ï ²³⁹	
'36x	đ ²⁴⁰	ñ ²⁴¹	ò ²⁴²	ó ²⁴³	ô ²⁴⁴	õ ²⁴⁵	ö ²⁴⁶	œ ²⁴⁷	"Fx
'37x	ø ²⁴⁸	ù ²⁴⁹	ú ²⁵⁰	û ²⁵¹	ü ²⁵²	ý ²⁵³	þ ²⁵⁴	ß ²⁵⁵	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.16 T1 (Swash)

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	° ⁰	´ ¹	^ ²	~ ³	¨ ⁴	ˆ ⁵	° ⁶	ˇ ⁷	"0x
'01x	˘ ⁸	¯ ⁹	˙ ¹⁰	˚ ¹¹	˛ ¹²	˜ ¹³	◁ ¹⁴	▷ ¹⁵	
'02x	“ ¹⁶	” ¹⁷	„ ¹⁸	« ¹⁹	» ²⁰	– ²¹	— ²²	²³	"1x
'03x	o ²⁴	l ²⁵	J ²⁶	℄ ²⁷	fi ²⁸	fl ²⁹	rt ³⁰	sp ³¹	
'04x	◌ ³²	! ³³	" ³⁴	# ³⁵	\$ ³⁶	% ³⁷	& ³⁸	' ³⁹	"2x
'05x	(⁴⁰	)⁴¹	* ⁴²	+ ⁴³	, ⁴⁴	- ⁴⁵	· ⁴⁶	/ ⁴⁷	
'06x	0 ⁴⁸	1 ⁴⁹	2 ⁵⁰	3 ⁵¹	4 ⁵²	5 ⁵³	6 ⁵⁴	7 ⁵⁵	"3x
'07x	8 ⁵⁶	9 ⁵⁷	: ⁵⁸	; ⁵⁹	< ⁶⁰	= ⁶¹	> ⁶²	? ⁶³	
'10x	@ ⁶⁴	A ⁶⁵	B ⁶⁶	C ⁶⁷	D ⁶⁸	E ⁶⁹	F ⁷⁰	G ⁷¹	"4x
'11x	H ⁷²	I ⁷³	J ⁷⁴	K ⁷⁵	L ⁷⁶	M ⁷⁷	N ⁷⁸	O ⁷⁹	
'12x	P ⁸⁰	Q ⁸¹	R ⁸²	S ⁸³	T ⁸⁴	U ⁸⁵	V ⁸⁶	W ⁸⁷	"5x
'13x	X ⁸⁸	Y ⁸⁹	Z ⁹⁰	[⁹¹	|⁹²	]⁹³	^ ⁹⁴	_ ⁹⁵	
'14x	' ⁹⁶	a ⁹⁷	b ⁹⁸	c ⁹⁹	d ¹⁰⁰	e ¹⁰¹	f ¹⁰²	g ¹⁰³	"6x
'15x	h ¹⁰⁴	i ¹⁰⁵	j ¹⁰⁶	k ¹⁰⁷	l ¹⁰⁸	m ¹⁰⁹	n ¹¹⁰	o ¹¹¹	
'16x	p ¹¹²	q ¹¹³	r ¹¹⁴	s ¹¹⁵	t ¹¹⁶	u ¹¹⁷	v ¹¹⁸	w ¹¹⁹	"7x
'17x	x ¹²⁰	y ¹²¹	z ¹²²	{ ¹²³	|¹²⁴	} ¹²⁵	~ ¹²⁶	- ¹²⁷	
'20x	Ǻ ¹²⁸	Ȧ ¹²⁹	Ć ¹³⁰	Č ¹³¹	Ǿ ¹³²	Ě ¹³³	Ƙ ¹³⁴	Ǧ ¹³⁵	"8x
'21x	Ł ¹³⁶	Ł' ¹³⁷	Ł ¹³⁸	Ń ¹³⁹	Ň ¹⁴⁰	Ŋ ¹⁴¹	Ŏ ¹⁴²	Ŕ ¹⁴³	
'22x	Ř ¹⁴⁴	Ś ¹⁴⁵	Š ¹⁴⁶	Ş ¹⁴⁷	ř ¹⁴⁸	Ŧ ¹⁴⁹	Ŭ ¹⁵⁰	Ű ¹⁵¹	"9x
'23x	Ÿ ¹⁵²	Ž ¹⁵³	Ž ¹⁵⁴	Ž ¹⁵⁵	Ů ¹⁵⁶	ı ¹⁵⁷	đ ¹⁵⁸	ş ¹⁵⁹	
'24x	ǻ ¹⁶⁰	q ¹⁶¹	ć ¹⁶²	č ¹⁶³	d' ¹⁶⁴	ě ¹⁶⁵	ƙ ¹⁶⁶	ǧ ¹⁶⁷	"Ax
'25x	ł ¹⁶⁸	l' ¹⁶⁹	t ¹⁷⁰	ń ¹⁷¹	ň ¹⁷²	ŋ ¹⁷³	ő ¹⁷⁴	ŕ ¹⁷⁵	
'26x	ř ¹⁷⁶	ś ¹⁷⁷	š ¹⁷⁸	ş ¹⁷⁹	t ¹⁸⁰	ț ¹⁸¹	ű ¹⁸²	ű ¹⁸³	"Bx
'27x	ÿ ¹⁸⁴	ž ¹⁸⁵	ž ¹⁸⁶	ž ¹⁸⁷	ıj ¹⁸⁸	ı ¹⁸⁹	ı ¹⁹⁰	£ ¹⁹¹	
'30x	À ¹⁹²	Á ¹⁹³	Â ¹⁹⁴	Ã ¹⁹⁵	Ä ¹⁹⁶	Å ¹⁹⁷	Æ ¹⁹⁸	Ç ¹⁹⁹	"Cx
'31x	È ²⁰⁰	É ²⁰¹	Ê ²⁰²	Ë ²⁰³	Ì ²⁰⁴	Í ²⁰⁵	Î ²⁰⁶	Ï ²⁰⁷	

'32x	Ð ₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	Ɔ ₂₁₅	"Dx
'33x	Ø ₂₁₆	Ù ₂₁₇	Ú ₂₁₈	Û ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Ɔ ₂₂₂	Ɔ ₂₂₃	
'34x	à ₂₂₄	á ₂₂₅	â ₂₂₆	ã ₂₂₇	ä ₂₂₈	å ₂₂₉	æ ₂₃₀	ç ₂₃₁	"Ex
'35x	è ₂₃₂	é ₂₃₃	ê ₂₃₄	ë ₂₃₅	ì ₂₃₆	í ₂₃₇	î ₂₃₈	ï ₂₃₉	
'36x	ð ₂₄₀	ñ ₂₄₁	ò ₂₄₂	ó ₂₄₃	ô ₂₄₄	õ ₂₄₅	ö ₂₄₆	œ ₂₄₇	"Fx
'37x	ø ₂₄₈	ù ₂₄₉	ú ₂₅₀	û ₂₅₁	ü ₂₅₂	ý ₂₅₃	Ɔ ₂₅₄	Ɔ ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	