

The Ysabeau font* package

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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 *only* are 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.

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</code> or <code>scaled</code>	<code>\usepackage[scale=0.9]{ysabeau}</code>	
<code>lining</code> , <code>lf</code> or <code>LF</code>	it will use lining figures	12345
<code>oldstyle</code> , <code>osf</code> or <code>OSF*</code>	it will use oldstyle figures	12345
<code>tabular</code> , <code>t</code> or <code>T</code>	it will use tabular figures	12345
<code>proportional</code> , <code>p</code> or <code>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	12345
<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>medium</code> ¹	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
African	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>\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>	<code>\supfigures</code> or <code>\supstyle</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

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>	<code>\inffigures</code> or <code>\infstyle</code>	1234567890
<code>\textsubscript*{}</code>		1234567890

9 Fractions

Table 11: Fractions

Command or declaration	Render as
<code>\textfrac [] {} {}</code>	1½
<code>\textfrac {} {}</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 `otftotfm`; \LaTeX files support were created with `autoinst`, wrapper of LCDF TypeTools suite. This package would not exist without the help of Marc Penninga (`autoinst`) and Eddie Kohler (LCDF TypeTools). Thank you so much guys.

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11 Glyphs

11.1 QX

	<code>'0</code>	<code>'1</code>	<code>'2</code>	<code>'3</code>	<code>'4</code>	<code>'5</code>	<code>'6</code>	<code>'7</code>	
<code>'00x</code>	α ₀	Δ ₁	β ₂	δ ₃	π ₄	Π ₅	Σ ₆	μ ₇	"0x
<code>'01x</code>	... ₈	fk ₉	Ω ₁₀	ffi ₁₁	fi ₁₂	fl ₁₃	ffl ₁₄	fb ₁₅	
<code>'02x</code>	l ₁₆	J ₁₇	` ₁₈	' ₁₉	ˇ ₂₀	˘ ₂₁	- ₂₂	° ₂₃	"1x
<code>'03x</code>	˘ ₂₄	ß ₂₅	æ ₂₆	œ ₂₇	ø ₂₈	Æ ₂₉	Œ ₃₀	Ø ₃₁	
<code>'04x</code>	˘ ₃₂	! ₃₃	" ₃₄	# ₃₅	\$ ₃₆	% ₃₇	& ₃₈	' ₃₉	"2x
<code>'05x</code>	(₄₀	) ₄₁	* ₄₂	+ ₄₃	, ₄₄	- ₄₅	• ₄₆	/ ₄₇	
<code>'06x</code>	0 ₄₈	1 ₄₉	2 ₅₀	3 ₅₁	4 ₅₂	5 ₅₃	6 ₅₄	7 ₅₅	"3x
<code>'07x</code>	8 ₅₆	9 ₅₇	: ₅₈	; ₅₉	i ₆₀	= ₆₁	¿ ₆₂	? ₆₃	
<code>'10x</code>	@ ₆₄	A ₆₅	B ₆₆	C ₆₇	D ₆₈	E ₆₉	F ₇₀	G ₇₁	"4x
<code>'11x</code>	H ₇₂	I ₇₃	J ₇₄	K ₇₅	L ₇₆	M ₇₇	N ₇₈	O ₇₉	
<code>'12x</code>	P ₈₀	Q ₈₁	R ₈₂	S ₈₃	T ₈₄	U ₈₅	V ₈₆	W ₈₇	"5x
<code>'13x</code>	X ₈₈	Y ₈₉	Z ₉₀	[₉₁	" ₉₂	] ₉₃	^ ₉₄	• ₉₅	
<code>'14x</code>	' ₉₆	a ₉₇	b ₉₈	c ₉₉	d ₁₀₀	e ₁₀₁	f ₁₀₂	g ₁₀₃	"6x
<code>'15x</code>	h ₁₀₄	i ₁₀₅	j ₁₀₆	k ₁₀₇	l ₁₀₈	m ₁₀₉	n ₁₁₀	o ₁₁₁	
<code>'16x</code>	p ₁₁₂	q ₁₁₃	r ₁₁₄	s ₁₁₅	t ₁₁₆	u ₁₁₇	v ₁₁₈	w ₁₁₉	"7x
<code>'17x</code>	x ₁₂₀	y ₁₂₁	z ₁₂₂	- ₁₂₃	— ₁₂₄	" ₁₂₅	~ ₁₂₆	.. ₁₂₇	

'20x	€ ₁₂₈	À ₁₂₉	Ć ₁₃₀	> ₁₃₁	≥ ₁₃₂	≈ ₁₃₃	ƒ ₁₃₄	ł ₁₃₅	"8x
'21x	< ₁₃₆	≤ ₁₃₇	Ł ₁₃₈	Ń ₁₃₉	~ ₁₄₀	^ ₁₄₁	fh ₁₄₂	† ₁₄₃	
'22x	‡ ₁₄₄	Ś ₁₄₅	Š ₁₄₆	Ş ₁₄₇	° ₁₄₈	Ţ ₁₄₉	ç ₁₅₀	Ÿ ₁₅₁	"9x
'23x	ÿ ₁₅₂	Ž ₁₅₃	Ž ₁₅₄	Ž ₁₅₅	Ů ₁₅₆	{ ₁₅₇	} ₁₅₈	§ ₁₅₉	
'24x	ff ₁₆₀	ą ₁₆₁	ć ₁₆₂	® ₁₆₃	© ₁₆₄	÷ ₁₆₅	€ ₁₆₆	ı ₁₆₇	"Ax
'25x	– ₁₆₈	× ₁₆₉	ł ₁₇₀	ń ₁₇₁	± ₁₇₂	∞ ₁₇₃	« ₁₇₄	» ₁₇₅	
'26x	• ₁₇₆	ś ₁₇₇	š ₁₇₈	ş ₁₇₉	• ₁₈₀	ţ ₁₈₁	— ₁₈₂	ı ₁₈₃	"Bx
'27x	ÿ ₁₈₄	ź ₁₈₅	ž ₁₈₆	ž ₁₈₇	ij ₁₈₈	• ₁₈₉	" ₁₉₀	' ₁₉₁	
'30x	À ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ã ₁₉₅	Ä ₁₉₆	Å ₁₉₇	\ ₁₉₈	Ç ₁₉₉	"Cx
'31x	È ₂₀₀	É ₂₀₁	Ê ₂₀₂	Ë ₂₀₃	Ì ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ï ₂₀₇	
'32x	Đ ₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	α ₂₁₅	"Dx
'33x	‰ ₂₁₆	Ù ₂₁₇	Ú ₂₁₈	Û ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Þ ₂₂₂	|₂₂₃	
'34x	à ₂₂₄	á ₂₂₅	â ₂₂₆	ã ₂₂₇	ä ₂₂₈	å ₂₂₉	— ₂₃₀	ç ₂₃₁	"Ex
'35x	è ₂₃₂	é ₂₃₃	ê ₂₃₄	ë ₂₃₅	ì ₂₃₆	í ₂₃₇	î ₂₃₈	ï ₂₃₉	
'36x	ď ₂₄₀	ň 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	CE 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	Ø 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	Ĳ ₁₉₃	Ā ₁₉₄	Ć ₁₉₅	Ä ₁₉₆	Å ₁₉₇	Ė ₁₉₈	Ē ₁₉₉	"Cx
'31x	Č ₂₀₀	É ₂₀₁	Ž ₂₀₂	È ₂₀₃	Ğ ₂₀₄	Ķ ₂₀₅	Ī ₂₀₆	Ļ ₂₀₇	
'32x	Š ₂₀₈	Ń ₂₀₉	Ņ ₂₁₀	Ó ₂₁₁	Ō ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	× ₂₁₅	"Dx
'33x	Ū ₂₁₆	Ł ₂₁₇	Ś ₂₁₈	Ū ₂₁₉	Ü ₂₂₀	Ž ₂₂₁	Ž ₂₂₂	ß ₂₂₃	
'34x	ą ₂₂₄	į ₂₂₅	ā ₂₂₆	ć ₂₂₇	ä ₂₂₈	å ₂₂₉	ė ₂₃₀	ē ₂₃₁	"Ex
'35x	č ₂₃₂	é ₂₃₃	ž ₂₃₄	è ₂₃₅	ğ ₂₃₆	ķ ₂₃₇	ī ₂₃₈	ļ ₂₃₉	
'36x	š ₂₄₀	ń ₂₄₁	ņ ₂₄₂	ó ₂₄₃	ō ₂₄₄	õ ₂₄₅	ö ₂₄₆	÷ ₂₄₇	"Fx
'37x	ų ₂₄₈	ł ₂₄₉	ś ₂₅₀	ū ₂₅₁	ü ₂₅₂	ż ₂₅₃	ž ₂₅₄	₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.3 CS

	'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	κ ₁₁	fi ₁₂	fl ₁₃	ll ₁₄	ff 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	CE 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	ı 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	... ₁₂₈	† ₁₂₉	‡ ₁₃₀	• ₁₃₁	£ ₁₃₂	¶ ₁₃₃	€ ₁₃₄	ff ₁₃₅	"8x
'21x	™ ₁₃₆	© ₁₃₇	® ₁₃₈	ffi ₁₃₉	ffl ₁₄₀	‰ ₁₄₁	< ₁₄₂	> ₁₄₃	
'22x	fb ₁₄₄	fh ₁₄₅	fj ₁₄₆	fk ₁₄₇	ft ₁₄₈	fı ₁₄₉	ffb ₁₅₀	fı ₁₅₁	"9x
'23x	À ₁₅₂	ffh ₁₅₃	, ₁₅₄	ffj ₁₅₅	- ₁₅₆	ç ₁₅₇	« ₁₅₈	» ₁₅₉	
'24x	ffk ₁₆₀	Ȧ ₁₆₁	fft ₁₆₂	Ł ₁₆₃	ɹ ₁₆₄	Ł ₁₆₅	Ś ₁₆₆	§ ₁₆₇	"Ax
'25x	Ɔ ₁₆₈	Š ₁₆₉	Ş ₁₇₀	Ť ₁₇₁	Ž ₁₇₂	Ɔh ₁₇₃	Ž ₁₇₄	Ž ₁₇₅	
'26x	° ₁₇₆	ą ₁₇₇	fi ₁₇₈	ł ₁₇₉	Ń ₁₈₀	ł ₁₈₁	ś ₁₈₂	> ₁₈₃	"Bx
'27x	à ₁₈₄	š ₁₈₅	ş ₁₈₆	ł ₁₈₇	ž ₁₈₈	ł ₁₈₉	ž ₁₉₀	ž ₁₉₁	
'30x	Ř ₁₉₂	Á ₁₉₃	Â ₁₉₄	Ă ₁₉₅	Ä ₁₉₆	Í ₁₉₇	Ć ₁₉₈	Ç ₁₉₉	"Cx
'31x	Č ₂₀₀	É ₂₀₁	Ę ₂₀₂	Ě ₂₀₃	Ě ₂₀₄	Í ₂₀₅	Î ₂₀₆	Ď ₂₀₇	
'32x	Đ ₂₀₈	Ń ₂₀₉	Ň ₂₁₀	Ó ₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	× ₂₁₅	"Dx
'33x	Ř ₂₁₆	Û ₂₁₇	Ú ₂₁₈	Ů ₂₁₉	Ü ₂₂₀	Ý ₂₂₁	Ť ₂₂₂	< ₂₂₃	
'34x	í ₂₂₄	á ₂₂₅	â ₂₂₆	ă ₂₂₇	ä ₂₂₈	Í ₂₂₉	ć ₂₃₀	ç ₂₃₁	"Ex
'35x	č ₂₃₂	é ₂₃₃	ę ₂₃₄	ě ₂₃₅	ě ₂₃₆	í ₂₃₇	î ₂₃₈	d' ₂₃₉	
'36x	ď ₂₄₀	ń ₂₄₁	ň ₂₄₂	ó ₂₄₃	ô ₂₄₄	ó ₂₄₅	ö ₂₄₆	÷ ₂₄₇	"Fx
'37x	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

	ˆ0	ˆ1	ˆ2	ˆ3	ˆ4	ˆ5	ˆ6	ˆ7	
'00x	– ₀	1	2	3	4	5	6	7	"0x
'01x	8	9	10	11	A ₁₂	ÿ ₁₃	α ₁₄	ü ₁₅	
'02x	16	17	18	19	ˆ20	21	22	23	"1x
'03x	€ ₂₄	‰ ₂₅	ə 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	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	67	Δ ₆₈	E ₆₉	Φ ₇₀	Γ ₇₁	"4x
'11x	H ₇₂	I ₇₃	Θ ₇₄	K ₇₅	Λ ₇₆	M ₇₇	N ₇₈	O ₇₉	

'12x	Π ₈₀	Χ ₈₁	Ρ ₈₂	Σ ₈₃	Τ ₈₄	Υ ₈₅	86	Ω ₈₇	"5x
'13x	Ξ ₈₈	Ψ ₈₉	Ζ ₉₀	[₉₁	₉₂	]₉₃	94	95	
'14x	₉₆	α ₉₇	β ₉₈	ς ₉₉	δ ₁₀₀	ε ₁₀₁	φ ₁₀₂	γ ₁₀₃	"6x
'15x	η ₁₀₄	ι ₁₀₅	θ ₁₀₆	κ ₁₀₇	λ ₁₀₈	μ ₁₀₉	ν ₁₁₀	ο ₁₁₁	
'16x	π ₁₁₂	χ ₁₁₃	ρ ₁₁₄	σ ₁₁₅	τ ₁₁₆	υ ₁₁₇	118	ω ₁₁₉	"7x
'17x	ξ ₁₂₀	ψ ₁₂₁	ζ ₁₂₂	« ₁₂₃	₁₂₄	» ₁₂₅	126	— ₁₂₇	
'20x	₁₂₈	₁₂₉	₁₃₀	₁₃₁	₁₃₂	₁₃₃	₁₃₄	₁₃₅	"8x
'21x	ά ₁₃₆	₁₃₇	₁₃₈	₁₃₉	₁₄₀	₁₄₁	₁₄₂	₁₄₃	
'22x	₁₄₄	₁₄₅	₁₄₆	₁₄₇	₁₄₈	₁₄₉	₁₅₀	₁₅₁	"9x
'23x	₁₅₂	₁₅₃	₁₅₄	Η ₁₅₅	₁₅₆	₁₅₇	₁₅₈	Ε ₁₅₉	
'24x	ή ₁₆₀	₁₆₁	₁₆₂	₁₆₃	₁₆₄	₁₆₅	₁₆₆	₁₆₇	"Ax
'25x	₁₆₈	₁₆₉	₁₇₀	₁₇₁	₁₇₂	₁₇₃	₁₇₄	₁₇₅	
'26x	₁₇₆	₁₇₇	₁₇₈	₁₇₉	₁₈₀	₁₈₁	₁₈₂	₁₈₃	"Bx
'27x	ώ ₁₈₄	₁₈₅	₁₈₆	₁₈₇	₁₈₈	₁₈₉	₁₉₀	₁₉₁	
'30x	₁₉₂	₁₉₃	₁₉₄	₁₉₅	₁₉₆	₁₉₇	₁₉₈	Α ₁₉₉	"Cx
'31x	₂₀₀	₂₀₁	₂₀₂	₂₀₃	₂₀₄	₂₀₅	₂₀₆	₂₀₇	
'32x	ί ₂₀₈	₂₀₉	₂₁₀	₂₁₁	ύ ₂₁₂	₂₁₃	₂₁₄	₂₁₅	"Dx
'33x	₂₁₆	₂₁₇	₂₁₈	ϊ ₂₁₉	₂₂₀	₂₂₁	₂₂₂	ϋ ₂₂₃	
'34x	₂₂₄	₂₂₅	₂₂₆	₂₂₇	₂₂₈	₂₂₉	₂₃₀	₂₃₁	"Ex
'35x	έ ₂₃₂	₂₃₃	₂₃₄	₂₃₅	ό ₂₃₆	₂₃₇	₂₃₈	₂₃₉	
'36x	ϊ ₂₄₀	₂₄₁	ΐ ₂₄₂	₂₄₃	ϋ ₂₄₄	₂₄₅	ϛ 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	˘ ₇	"0x
'01x	ˇ ₈	- ₉	· ₁₀	ς 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	Ð 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	Ǻ ₁₃₁	À ₁₃₂	Â ₁₃₃	Ă ₁₃₄	Ǻ ₁₃₅	"8x
'21x	Ǻ ₁₃₆	Ǻ ₁₃₇	Ǻ ₁₃₈	Ǻ ₁₃₉	Ǻ ₁₄₀	Ǻ ₁₄₁	Ǻ ₁₄₂	Ǻ ₁₄₃	
'22x	Ǻ ₁₄₄	È ₁₄₅	É ₁₄₆	Ě ₁₄₇	Ě ₁₄₈	Ě ₁₄₉	Ê ₁₅₀	Ë ₁₅₁	"9x
'23x	Ë ₁₅₂	Ë ₁₅₃	Ë ₁₅₄	Ë ₁₅₅	ì ₁₅₆	í ₁₅₇	ĩ ₁₅₈	ı ₁₅₉	
'24x	à ₁₆₀	á ₁₆₁	ã ₁₆₂	ǻ ₁₆₃	ạ ₁₆₄	â ₁₆₅	ă ₁₆₆	ǻ ₁₆₇	"Ax
'25x	ă ₁₆₈	ă ₁₆₉	ă ₁₇₀	ă ₁₇₁	ă ₁₇₂	ă ₁₇₃	ă ₁₇₄	ă ₁₇₅	
'26x	ă ₁₇₆	è ₁₇₇	é ₁₇₈	ě ₁₇₉	ě ₁₈₀	ę ₁₈₁	ê ₁₈₂	ë ₁₈₃	"Bx
'27x	ě ₁₈₄	ě ₁₈₅	ě ₁₈₆	ĉ ₁₈₇	ì ₁₈₈	í ₁₈₉	ĩ ₁₉₀	ı ₁₉₁	
'30x	! ₁₉₂	ò ₁₉₃	ó ₁₉₄	õ ₁₉₅	õ ₁₉₆	õ ₁₉₇	ô ₁₉₈	õ ₁₉₉	"Cx
'31x	ó ₂₀₀	õ ₂₀₁	õ ₂₀₂	õ ₂₀₃	õ ₂₀₄	õ ₂₀₅	ó ₂₀₆	õ ₂₀₇	
'32x	õ ₂₀₈	õ ₂₀₉	ù ₂₁₀	ú ₂₁₁	ũ ₂₁₂	Û ₂₁₃	ü ₂₁₄	Û ₂₁₅	"Dx
'33x	Û ₂₁₆	Û ₂₁₇	Û ₂₁₈	Û ₂₁₉	Û ₂₂₀	ÿ ₂₂₁	ÿ ₂₂₂	ÿ ₂₂₃	
'34x	ı ₂₂₄	ò ₂₂₅	ó ₂₂₆	õ ₂₂₇	õ ₂₂₈	õ ₂₂₉	ô ₂₃₀	õ ₂₃₁	"Ex
'35x	õ ₂₃₂	õ ₂₃₃	õ ₂₃₄	õ ₂₃₅	õ ₂₃₆	õ ₂₃₇	ó ₂₃₈	õ ₂₃₉	
'36x	õ ₂₄₀	õ ₂₄₁	ù ₂₄₂	ú ₂₄₃	ũ ₂₄₄	Û ₂₄₅	ü ₂₄₆	Û ₂₄₇	"Fx
'37x	Û ₂₄₈	Û ₂₄₉	Û ₂₅₀	Û ₂₅₁	Û ₂₅₂	ÿ ₂₅₃	ÿ ₂₅₄	ÿ ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.6 T4

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	` ₀	' ₁	^ ₂	~ ₃	¨ ₄	" ₅	° ₆	ˇ ₇	"0x
'01x	ˇ 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	ff ₂₇	fi ₂₈	fl ₂₉	ffi ₃₀	ffl 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	fb ₁₂₈	fh ₁₂₉	fj ₁₃₀	fk ₁₃₁	ft ₁₃₂	Ě ₁₃₃	ffb ₁₃₄	H ₁₃₅	"8x
'21x	ffh ₁₃₆	ffj ₁₃₇	ffk ₁₃₈	Ň ₁₃₉	fft ₁₄₀	Ŋ ₁₄₁	₁₄₂	₁₄₃	
'22x	₁₄₄	₁₄₅	Š ₁₄₆	Ň ₁₄₇	Ŋ ₁₄₈	Ş ₁₄₉	Ʒ ₁₅₀	F ₁₅₁	"9x
'23x	Ě ₁₅₂	Ě ₁₅₃	₁₅₄	₁₅₅	₁₅₆	fj ₁₅₇	đ ₁₅₈	₁₅₉	
'24x	₁₆₀	₁₆₁	₁₆₂	₁₆₃	f ₁₆₄	ě ₁₆₅	₁₆₆	ħ ₁₆₇	"Ax
'25x	₁₆₈	₁₆₉	₁₇₀	ń ₁₇₁	₁₇₂	ŋ ₁₇₃	₁₇₄	₁₇₅	
'26x	₁₇₆	₁₇₇	š ₁₇₈	ň ₁₇₉	ŋ ₁₈₀	ş ₁₈₁	Ʒ ₁₈₂	ţ ₁₈₃	"Bx
'27x	è ₁₈₄	ę ₁₈₅	₁₈₆	₁₈₇	₁₈₈	ı ₁₈₉	ı ₁₉₀	₁₉₁	
'30x	₁₉₂	! ₁₉₃	₁₉₄	Ā ₁₉₅	₁₉₆	₁₉₇	Æ ₁₉₈	Ç ₁₉₉	"Cx
'31x	È ₂₀₀	É ₂₀₁	Ě ₂₀₂	Ě ₂₀₃	₂₀₄	Ē ₂₀₅	Ē ₂₀₆	Ī ₂₀₇	
'32x	₂₀₈	Ñ ₂₀₉	Ò ₂₁₀	₂₁₁	Ô ₂₁₂	Õ ₂₁₃	Ö ₂₁₄	Œ ₂₁₅	"Dx
'33x	Ø ₂₁₆	Ŏ ₂₁₇	₂₁₈	Ō ₂₁₉	Ŏ ₂₂₀	Ŭ ₂₂₁	Ū ₂₂₂	Ł ₂₂₃	
'34x	₂₂₄	ı ₂₂₅	₂₂₆	ã ₂₂₇	₂₂₈	₂₂₉	æ ₂₃₀	ç ₂₃₁	"Ex
'35x	è ₂₃₂	é ₂₃₃	ě ₂₃₄	ě ₂₃₅	₂₃₆	ē ₂₃₇	ē ₂₃₈	ĩ ₂₃₉	
'36x	₂₄₀	ñ ₂₄₁	ò ₂₄₂	₂₄₃	ô ₂₄₄	õ ₂₄₅	ö ₂₄₆	œ ₂₄₇	"Fx
'37x	ø ₂₄₈	ŏ ₂₄₉	₂₅₀	ō ₂₅₁	ŏ ₂₅₂	ұ ₂₅₃	ӯ ₂₅₄	ß ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.7 TS3

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	o	1	2	3	4	5	6	↓ ₇	"0x
'01x	↑ ₈	9	10	11	12	13	14	15	
'04x	32	33	34	35	36	37	38	39	"2x
'05x	40	41	42	43	Ÿ ₄₄	45	46	47	
'10x	64	65	66	67	68	69	|₇₀	71	"4x
'11x	72	73	74	75	76	77	78	79	
'12x	þ ₈₀	þ ₈₁	þ ₈₂	þ ₈₃	84	85	86	87	"5x
'13x	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	fi ₂₅₃	i ₂₅₄	f ₂₅₅	
	"8	"9	"A	"B	"C	"D	"E	"F	

11.8 T3

	<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	ˇ ₇	"0x
<i>'01x</i>	˘ ₈	9	˙ ₁₀	˚ ₁₁	ç 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	
<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>	48	49	50	51	52	53	54	55	"3x
<i>'07x</i>	56	57	58	59	60	= ₆₁	62	? ₆₃	
<i>'10x</i>	ə ₆₄	α ₆₅	β ₆₆	67	ð ₆₈	69	70	71	"4x
<i>'11x</i>	72	73	74	75	76	77	η ₇₈	79	
<i>'12x</i>	80	81	82	83	θ ₈₄	85	86	87	"5x
<i>'13x</i>	χ ₈₈	89	ζ 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>'22x</i>	144	145	146	147	148	149	↗ ₁₅₀	↘ ₁₅₁	"9x
<i>'23x</i>	152	153	154	155	156	157	158	159	
<i>'24x</i>	160	đ ₁₆₁	162	163	164	g ₁₆₅	166	167	"Ax
<i>'25x</i>	168	169	170	λ ₁₇₁	172	173	174	175	
<i>'26x</i>	ω ₁₇₆	ω ₁₇₇	178	179	180	181	182	183	"Bx
<i>'27x</i>	184	185	b ₁₈₆	ḃ ₁₈₇	188	189	190	|₁₉₁	
<i>'34x</i>	224	225	226	227	228	229	æ ₂₃₀	ç ₂₃₁	"Ex
<i>'35x</i>	ħ ₂₃₂	233	234	235	236	237	238	239	
<i>'36x</i>	240	241	242	243	244	245	246	œ ₂₄₇	"Fx
<i>'37x</i>	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	ˇ ₈	¯ ₉	· ₁₀	¸ ₁₁	ç 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	
'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	Ѐ ₁₂₈	Ђ ₁₂₉	Ѓ ₁₃₀	Ђ ₁₃₁	ђ ₁₃₂	ffh ₁₃₃	Р ₁₃₄	Ѕ ₁₃₅	~8x
'21x	ffj ₁₃₆	К ₁₃₇	ffk ₁₃₈	К ₁₃₉	fft ₁₄₀	Њ ₁₄₁	₁₄₂	Ћ ₁₄₃	
'22x	Ө ₁₄₄	ё ₁₄₅	ѐ ₁₄₆	Ђ ₁₄₇	₁₄₈	Њ ₁₄₉	Ѓ ₁₅₀	Ѡ ₁₅₁	~9x
'23x	Ч ₁₅₂	₁₅₃	Ә ₁₅₄	₁₅₅	Ё ₁₅₆	№ ₁₅₇	Ѡ ₁₅₈	§ ₁₅₉	
'24x	Ѡ ₁₆₀	ѡ ₁₆₁	Ѣ ₁₆₂	ђ ₁₆₃	ђ ₁₆₄	₁₆₅	Р ₁₆₆	Ѕ ₁₆₇	~Ax
'25x	₁₆₈	К ₁₆₉	₁₇₀	к ₁₇₁	₁₇₂	Њ ₁₇₃	₁₇₄	Ћ ₁₇₅	
'26x	ө ₁₇₆	ё ₁₇₇	ѐ ₁₇₈	Ђ ₁₇₉	₁₈₀	Њ ₁₈₁	Ѓ ₁₈₂	Ѡ ₁₈₃	~Bx
'27x	ч ₁₈₄	₁₈₅	ә ₁₈₆	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	а 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	

11.10 T2B

	'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	ı 13	ffı 14	ffl 15	
'02x	" 16	" 17	fb 18	fh 19	fj 20	- 21	— 22	ff 23	"1x
'03x	o 24	ı 25	j 26	fk 27	fi 28	fl 29	ft 30	ffb 31	
'04x	ı 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	ffh 128	F 129	ffı 130	Б 131	h 132	Ж 133	ffk 134	З 135	"8x
'21x	Љ 136	Қ 137	ffт 138	Қ 139	ı 140	Ң 141	Ң 142	Ң 143	
'22x	Ө 144	ı 145	Ÿ 146	Ү 147	ı 148	Ҳ 149	ı 150	Ҷ 151	"9x
'23x	Ҷ 152	Ң 153	Ә 154	ı 155	Ё 156	№ 157	ѡ 158	§ 159	
'24x	ı 160	Ғ 161	ı 162	Ң 163	h 164	Ж 165	ı 166	З 167	"Ax
'25x	Љ 168	Қ 169	ı 170	Қ 171	ı 172	Ң 173	Ң 174	Ң 175	
'26x	Ө 176	ı 177	Ÿ 178	Ү 179	ı 180	Ҳ 181	ı 182	Ҷ 183	"Bx
'27x	Ҷ 184	Ң 185	Ә 186	ı 187	ё 188	„ 189	« 190	» 191	
'30x	A 192	Б 193	B 194	Г 195	Д 196	E 197	Ж 198	З 199	"Cx
'31x	И 200	Й 201	K 202	Л 203	M 204	Н 205	О 206	П 207	
'32x	P 208	C 209	T 210	У 211	Ф 212	X 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	B 226	Г 227	д 228	e 229	ж 230	з 231	"Ex
'35x	и 232	й 233	к 234	л 235	м 236	н 237	о 238	п 239	
'36x	p 240	c 241	T 242	у 243	ф 244	x 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	

11.11 T2A

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	` 0	' 1	^ 2	~ 3	¨ 4	” 5	° 6	ˇ 7	~0x
'01x	˘ 8	ˉ 9	˙ 10	˚ 11	˛ 12	ı 13	ffı 14	ffl 15	
'02x	“ 16	” 17	fb 18	fh 19	fj 20	– 21	— 22	ff 23	~1x
'03x	o 24	ı 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	
'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	Ӏ 136	Қ 137	Ҡ 138	Ҝ 139	Ӓ 140	Ң 141	Ҥ 142	Ҧ 143	
'22x	Ө 144	Ҙ 145	Ӧ 146	Ү 147	Ұ 148	Ҷ 149	Ү 150	Ҹ 151	~9x
'23x	Ҷ 152	Ӓ 153	Ә 154	Ң 155	Ӑ 156	№ 157	ӗ 158	§ 159	
'24x	Ғ 160	Ғ 161	Ҕ 162	Җ 163	Һ 164	Ҙ 165	Ҝ 166	Ҟ 167	~Ax
'25x	Ӏ 168	Қ 169	Ҡ 170	Ҝ 171	Ӓ 172	Ң 173	Ҥ 174	Ҧ 175	
'26x	Ө 176	Ҙ 177	Ӧ 178	Ү 179	Ұ 180	Ҷ 181	Ү 182	Ҹ 183	~Bx
'27x	Ҷ 184	Ӓ 185	Ә 186	Ң 187	Ӑ 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	b 225	B 226	Г 227	д 228	e 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	ç 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	ˇ 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	ł ₁₂₉	Ÿ ₁₃₀	ƒ ₁₃₁	„ ₁₃₂	… ₁₃₃	† ₁₃₄	‡ ₁₃₅	"8x
'21x	ˆ ₁₃₆	‰ ₁₃₇	Š ₁₃₈	‹ ₁₃₉	Œ ₁₄₀	Ž ₁₄₁	ˆ ₁₄₂	– ₁₄₃	
'22x	ł ₁₄₄	' ₁₄₅	' ₁₄₆	" ₁₄₇	" ₁₄₈	• ₁₄₉	– ₁₅₀	— ₁₅₁	"9x
'23x	˜ ₁₅₂	™ ₁₅₃	š ₁₅₄	> ₁₅₅	œ ₁₅₆	ž ₁₅₇	˜ ₁₅₈	ÿ ₁₅₉	
'24x	₁₆₀	ı ₁₆₁	¢ ₁₆₂	£ ₁₆₃	¤ ₁₆₄	¥ ₁₆₅	ı 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	₁₁	fi ₁₂	fl ₁₃	₁₄	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	ˆ 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	i 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	ff ₁₂₈	ffi ₁₂₉	ffl ₁₃₀	fb ₁₃₁	fh ₁₃₂	fj ₁₃₃	fk ₁₃₄	ft ₁₃₅	"8x
'21x	ffb ₁₃₆	ffh ₁₃₇	ftl ₁₃₈	ffj ₁₃₉	ffk ₁₄₀	fft ₁₄₁	₁₄₂	₁₄₃	
'24x	₁₆₀	₁₆₁	₁₆₂	₁₆₃	₁₆₄	₁₆₅	₁₆₆	₁₆₇	"Ax
'25x	₁₆₈	₁₆₉	† 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	˚ 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			f ₁₄₀	¢ ₁₄₁			
'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	¤ 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	
'00x	` ₀	' ₁	^ ₂	~ ₃	¨ ₄	" ₅	° ₆	ˇ ₇	"0x
'01x	˘ ₈	- ₉	· ₁₀	¸ ₁₁	ç ₁₂	, ₁₃	< ₁₄	> ₁₅	
'02x	" ₁₆	" ₁₇	„ ₁₈	« ₁₉	» ₂₀	- ₂₁	— ₂₂	₂₃	"1x
'03x	o ₂₄	l ₂₅	J ₂₆	ff ₂₇	fi ₂₈	fl ₂₉	ffi ₃₀	ffl 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	Ɔ ₁₃₄	Ǧ ₁₃₅	"8x
'21x	Ł ₁₃₆	Ł ₁₃₇	ł ₁₃₈	Ń ₁₃₉	Ň ₁₄₀	Ŋ ₁₄₁	Ő ₁₄₂	Ŕ ₁₄₃	

'22x	Ř ¹⁴⁴	Ś ¹⁴⁵	Š ¹⁴⁶	Ş ¹⁴⁷	ř ¹⁴⁸	Ț ¹⁴⁹	Ů ¹⁵⁰	Ű ¹⁵¹	"9x
'23x	Ÿ ¹⁵²	Ž ¹⁵³	Ž ¹⁵⁴	Ż ¹⁵⁵	Ů ¹⁵⁶	İ ¹⁵⁷	đ ¹⁵⁸	Ş ¹⁵⁹	
'24x	ǎ ¹⁶⁰	ą ¹⁶¹	ć ¹⁶²	č ¹⁶³	d' ¹⁶⁴	ě ¹⁶⁵	ę ¹⁶⁶	ğ ¹⁶⁷	"Ax
'25x	Í ¹⁶⁸	Ĺ ¹⁶⁹	ł ¹⁷⁰	ń ¹⁷¹	ň ¹⁷²	η ¹⁷³	ó ¹⁷⁴	í ¹⁷⁵	
'26x	ř ¹⁷⁶	ś ¹⁷⁷	š ¹⁷⁸	ş ¹⁷⁹	ř ¹⁸⁰	ț ¹⁸¹	ů ¹⁸²	ű ¹⁸³	"Bx
'27x	ÿ ¹⁸⁴	ž ¹⁸⁵	ž ¹⁸⁶	ż ¹⁸⁷	ij 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	Œ ²¹⁵	"Dx
'33x	Ø ²¹⁶	Ù ²¹⁷	Ú ²¹⁸	Û ²¹⁹	Ü ²²⁰	Ý ²²¹	Þ ²²²	Û 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	þ ²⁵⁴	Û 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	˘ ⁵	˘ ⁶	˘ 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	dt 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	Ā ¹²⁸	Ȧ ¹²⁹	Ć ¹³⁰	Č ¹³¹	Ǿ ¹³²	Ě ¹³³	Ǝ ¹³⁴	Ǧ ¹³⁵	"8x
'21x	Ĭ ¹³⁶	Ł ¹³⁷	Ł ¹³⁸	Ń ¹³⁹	Ň ¹⁴⁰	Ÿ ¹⁴¹	Ő ¹⁴²	Ŕ ¹⁴³	
'22x	Ř ¹⁴⁴	Ś ¹⁴⁵	Ŝ ¹⁴⁶	Ș ¹⁴⁷	Ť ¹⁴⁸	Ț ¹⁴⁹	Ū ¹⁵⁰	Ŭ ¹⁵¹	"9x
'23x	ÿ ¹⁵²	Ż ¹⁵³	Ž ¹⁵⁴	Ẑ ¹⁵⁵	Ƴ ¹⁵⁶	ı ¹⁵⁷	đ ¹⁵⁸	ſ ¹⁵⁹	
'24x	ǎ ¹⁶⁰	q ¹⁶¹	ć ¹⁶²	č ¹⁶³	d' ¹⁶⁴	ě ¹⁶⁵	ę ¹⁶⁶	ǧ ¹⁶⁷	"Ax
'25x	ĺ ¹⁶⁸	ł ¹⁶⁹	ł ¹⁷⁰	ń ¹⁷¹	ň ¹⁷²	ŋ ¹⁷³	ő ¹⁷⁴	ŕ ¹⁷⁵	
'26x	ř ¹⁷⁶	ś ¹⁷⁷	ŝ ¹⁷⁸	ș ¹⁷⁹	ť ¹⁸⁰	ț ¹⁸¹	ű ¹⁸²	ŭ ¹⁸³	"Bx
'27x	ÿ ¹⁸⁴	ż ¹⁸⁵	ž ¹⁸⁶	ẑ ¹⁸⁷	Ƴ 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	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	