

DIGIT ZERO uni0030	0	0
DIGIT ONE uni0031	1	1
DIGIT TWO uni0032	2	2
DIGIT THREE uni0033	3	3
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	6
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	:
SEMICOLON uni003B	,	,
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	@
LATIN CAPITAL LETTER A uni0041	Α	Α
LATIN CAPITAL LETTER B uni0042	В	В
LATIN CAPITAL LETTER C uni0043	С	С
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	Ε
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	Н	Н
LATIN CAPITAL LETTER I uni0049 LATIN CAPITAL LETTER J		J
EATH CALLACTER J		

uni004A		
	J	J
LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	L
LATIN CAPITAL LETTER M uni004D	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	P	Р
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S uni0053	S	S
LATIN CAPITAL LETTER T uni0054	Т	Т
LATIN CAPITAL LETTER U uni0055	U	U
LATIN CAPITAL LETTER V uni0056	V	V
LATIN CAPITAL LETTER W uni0057	W	W
LATIN CAPITAL LETTER X uni0058	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Υ
LATIN CAPITAL LETTER Z uni005A	Z	Z
LEFT SQUARE BRACKET uni005B	[[
REVERSE SOLIDUS uni005C	\	\
RIGHT SQUARE BRACKET uni005D]]
CIRCUMFLEX ACCENT uni005E	^	٨
LOW LINE uni005F	_	_
GRAVE ACCENT uni0060	`	`
LATIN SMALL LETTER A uni0061	а	а
LATIN SMALL LETTER B uni0062	b	b
LATIN SMALL LETTER C uni0063	С	С
LATIN SMALL LETTER D uni0064	d	d
LATIN SMALL LETTER E uni0065	е	е

f	f
g	g
h	h
i	i
j	j
k	k
	ı
m	m
n	n
0	0
р	р
q	q
r	r
S	S
t	t
U	u
V	V
W	W
X	X
У	У
Z	Z
{	{
}	}
~	~
i	i
	h i j k l m n o p q r s t u v x y z { }

CENT SIGN

uni00A2	¢	¢
POUND SIGN uni00A3	£	£
CURRENCY SIGN uni00A4	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	I
SECTION SIGN uni00A7	§	§
DIAERESIS uni00A8		
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	а
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«
NOT SIGN uni00AC	\neg	٦
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	_
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	\pm	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	•
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	¶
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	د
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	Ō	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	>>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4

VULGAR FRACTION ONE HALF uni00BD	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4
INVERTED QUESTION MARK uni00BF	غ	خ
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	ĺ
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Đ
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö
MULTIPLICATION SIGN	×	×

LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	Þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä
LATIN SMALL LETTER A WITH RING ABOVE	å	å
uni00E5	G	а
uni00E5 LATIN SMALL LETTER AE uni00E6	æ	æ
LATIN SMALL LETTER AE	0.	
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA	æ	æ
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE	æ	æ
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE	æ	æç
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX	æçèéé	æ ç è é
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS	æ ç è é ê	æ ç è é
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE	æ ç è é e e	æ ç è é é
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE	æ ç è é e e	æ ç è é é ë i
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED	æ ç è é e e	æ ç è é é ë ï í
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	æ ç è é ë ë ` ´ ´ ·	æ ç è é é ë ï í î ï
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER I WITH DIAERESIS uni00EF	æ ç è é e :e ` ´ · · · :-	æ ç è é ë ë i í í i
LATIN SMALL LETTER AE uni00E6 LATIN SMALL LETTER C WITH CEDILLA uni00E7 LATIN SMALL LETTER E WITH GRAVE uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER I WITH DIAERESIS uni00F0 LATIN SMALL LETTER I WITH TILDE	æ ç è é ë ë ì í î ï ð	æ ç è é é ë i í î

LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	Ö	ö
DIVISION SIGN uni00F7	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	Ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ
LATIN SMALL LETTER DOTLESS I		
uni0131		I
uni0131 LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN CAPITAL LIGATURE OE	Œ	CE œ
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE	Œ œ Š	Œ
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON		Œ
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON	Š	Œ œ Š
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS	Š	Œ œ Š š
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON	Š Š Ÿ	Œ œ Š š
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON	Š Š Ÿ Ž	Œ œ Š š Ÿ Ž
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH CARON uni017E	Š Š Š Ÿ Ž	Œ Œ Š Š Ÿ Ž
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH HOOK uni0192	Š Š Š Ÿ Ž	Œ Œ Š Š Ÿ Ž
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH HOOK uni0192	Š Š Š Ÿ Ž	Œ Œ Š Š Ÿ Ž
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER F WITH HOOK uni0192 MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	Š Š Š Ÿ Ž	Œ œ Š š Ÿ Ž ź
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER F WITH HOOK uni0192 MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6 CARON uni02C7 RING ABOVE	Š Š Š Ž Ž	Œ Œ Š Š Ÿ Ž Į
LATIN CAPITAL LIGATURE OE uni0152 LATIN SMALL LIGATURE OE uni0153 LATIN CAPITAL LETTER S WITH CARON uni0160 LATIN SMALL LETTER S WITH CARON uni0161 LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178 LATIN CAPITAL LETTER Z WITH CARON uni017D LATIN SMALL LETTER Z WITH CARON uni017E LATIN SMALL LETTER F WITH HOOK uni0192 MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6 CARON uni02C7 RING ABOVE uni02DA SMALL TILDE	Š Š Š Ž Ž	Œ Œ Š Š Ÿ Ž Į

THAI CHARACTER KHO KHAI uni0E02	ข
THAI CHARACTER KHO KHUAT uni0E03	ๆ
THAI CHARACTER KHO KHWAI uni0E04	ค
THAI CHARACTER KHO KHON uni0E05	ଳ
THAI CHARACTER KHO RAKHANG uni0E06	ଶ୍ରା
THAI CHARACTER NGO NGU uni0E07	ง
THAI CHARACTER CHO CHAN uni0E08	จ
THAI CHARACTER CHO CHING uni0E09	ฉ
THAI CHARACTER CHO CHANG uni0E0A	ช
THAI CHARACTER SO SO uni0E0B	ជ
THAI CHARACTER CHO CHOE uni0E0C	ឍ
THAI CHARACTER YO YING uni0E0D	ល្អ
THAI CHARACTER DO CHADA uni0E0E	ฎ
THAI CHARACTER TO PATAK uni0E0F	ฏ
THAI CHARACTER THO THAN uni0E10	କ୍ଥ
THAI CHARACTER THO NANGMONTHO uni0E11	ฑ
THAI CHARACTER THO PHUTHAO uni0E12	ฒ
THAI CHARACTER NO NEN uni0E13	ณ
THAI CHARACTER DO DEK uni0E14	ଉ
THAI CHARACTER TO TAO uni0E15	ଡା
THAI CHARACTER THO THUNG uni0E16	ถ
THAI CHARACTER THO THAHAN uni0E17	ท
THAI CHARACTER THO THONG uni0E18	ត
THAI CHARACTER NO NU uni0E19	น
THAI CHARACTER BO BAIMAI uni0E1A	บ
THAI CHARACTER PO PLA uni0E1B	ป
THAI CHARACTER PHO PHUNG uni0E1C	N

		1	
THAI CHARACTER FO FA uni0E1D	Ш	N	
THAI CHARACTER PHO PHAN uni0E1E		พ	
THAI CHARACTER FO FAN uni0E1F		ฟ	
THAI CHARACTER PHO SAMPHAO uni0E20		ภ	
THAI CHARACTER MO MA uni0E21		ม	
THAI CHARACTER YO YAK uni0E22		ខ	
THAI CHARACTER RO RUA uni0E23		ร	
THAI CHARACTER RU uni0E24		ฤ	
THAI CHARACTER LO LING uni0E25		ล	
THAI CHARACTER LU uni0E26		ฦ	
THAI CHARACTER WO WAEN uni0E27		3	
THAI CHARACTER SO SALA uni0E28		ศ	
THAI CHARACTER SO RUSI uni0E29		과	
THAI CHARACTER SO SUA uni0E2A		ส	
THAI CHARACTER HO HIP uni0E2B		ห	
THAI CHARACTER LO CHULA uni0E2C		ฬ	
THAI CHARACTER O ANG uni0E2D		อ	
THAI CHARACTER HO NOKHUK uni0E2E		ฮ	
THAI CHARACTER PAIYANNOI uni0E2F		4	
THAI CHARACTER SARA A uni0E30		ູ	
THAI CHARACTER MAI HAN-AKAT uni0E31			
THAI CHARACTER SARA AA uni0E32		า	
THAI CHARACTER SARA AM uni0E33		°1	
THAI CHARACTER SARA I uni0E34			
THAI CHARACTER SARA II uni0E35			
THAI CHARACTER SARA UE uni0E36			
THAI CHARACTER SARA UEE uni0E37			
THAI CHARACTER SARA U uni0E38			

THAI CHARACTER SARA UU uni0E39			
THAI CHARACTER PHINTHU uni0E3A			
THAI CURRENCY SYMBOL BAHT uni0E3F	₿	₿	
THAI CHARACTER SARA E uni0E40		l	
THAI CHARACTER SARA AE uni0E41		ll	
THAI CHARACTER SARA O uni0E42		โ	
THAI CHARACTER SARA AI MAIMUAN uni0E43		ๆ	
THAI CHARACTER SARA AI MAIMALAI uni0E44		J	
THAI CHARACTER LAKKHANGYAO uni0E45		1	
THAI CHARACTER MAIYAMOK uni0E46		၅	
THAI CHARACTER MAITAIKHU uni0E47			
THAI CHARACTER MAI EK uni0E48			
THAI CHARACTER MAI THO uni0E49			
THAI CHARACTER MAI TRI uni0E4A			
THAI CHARACTER MAI CHATTAWA uni0E4B			
THAI CHARACTER THANTHAKHAT uni0E4C			
THAI CHARACTER NIKHAHIT uni0E4D			
THAI CHARACTER YAMAKKAN uni0E4E			
THAI CHARACTER FONGMAN uni0E4F		0	
THAI DIGIT ZERO uni0E50		0	
THAI DIGIT ONE uni0E51		စ	
THAI DIGIT TWO uni0E52		ច្រ	
THAI DIGIT THREE uni0E53		ពា	
THAI DIGIT FOUR uni0E54		હ	
THAI DIGIT FIVE uni0E55		ଝ	
THAI DIGIT SIX uni0E56		6	
THAI DIGIT SEVEN uni0E57		ബ	

THAI DIGIT EIGHT UNIOES8 THAI DIGIT NINE UNIOES9 THAI CHARACTER ANGKHANKHU UNIOESA THAI CHARACTER KHOMUT UNIOESB LAO LETTER KO UNIOESB LAO LETTER KHO SUNG UNIOESB LAO LETTER NGO UNIOESB LAO LETTER TO UNIOESB LAO LETTER TO SUNG UNIOESB LAO LETTER NGO UNIOESB LA			
THAI CHARACTER ANGKHANKHU UNIOE5A THAI CHARACTER KHOMUT UNIOE5B LAO LETTER KO UNIOE81 LAO LETTER KHO SUNG UNIOE82 LAO LETTER NOTAM UNIOE84 LAO LETTER NOTAM UNIOE88 LAO LETTER NOTAM UNIOE88 LAO LETTER NOTAM UNIOE88 LAO LETTER DO UNIOE89 LAO LETTER TO UNIOE89 LAO LETTER TO SUNG UNIOE99 LAO LETTER THO SUNG UNIOE99 LAO LETTER NOTAM UNIOE99 LAO LETTER POTAM UNIOE99 LAO LETTER DO UNIOE99 LAO LETTER POTAM UNIOE99 LAO LETTER POTAM UNIOE99			હ
THAI CHARACTER ANGKHANKHU UNIOESA THAI CHARACTER KHOMUT UNIOESB LAO LETTER KO UNIOESB LAO LETTER KHO SUNG UNIOESB LAO LETTER KHO TAM UNIOESB LAO LETTER CO UNIOESB LAO LETTER CO UNIOESB LAO LETTER SO TAM UNIOESB LAO LETTER NYO UNIOESB LAO LETTER NYO UNIOESB LAO LETTER TO TAM UNIOESB LAO LETTER TO TAM UNIOESB LAO LETTER PO SUNG UNIOESB LAO LETTER PO TAM UNIOESB LAO LETTER PO UNIOESB LAO LETTER NO UNIOESB LAO LETT			ω_{l}
LAO LETTER KHO SUNG UNIOE84 LAO LETTER KHO TAM UNIOE84 LAO LETTER KHO TAM UNIOE87 LAO LETTER NGO UNIOE87 LAO LETTER SO TAM UNIOE88 LAO LETTER SO TAM UNIOE88 LAO LETTER DO UNIOE89 LAO LETTER TO UNIOE99 LAO LETTER THO SUNG UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER TO TAM UNIOE99 LAO LETTER NO UNIOE99			୍ୟା
LAO LETTER KHO SUNG UNIOE84 LAO LETTER KHO TAM UNIOE84 LAO LETTER KHO TAM UNIOE87 LAO LETTER NGO UNIOE88 LAO LETTER SO TAM UNIOE88 LAO LETTER DO UNIOE89 LAO LETTER TO UNIOE99 LAO LETTER THO SUNG UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER NO UNIOE99 LAO LETTER DO UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER TO TAM UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER TO TAM UNIOE99 LAO LETTER NO UNIO			
LAO LETTER KHO SUNG UNIOE82 LAO LETTER KHO TAM UNIOE87 LAO LETTER NGO UNIOE87 LAO LETTER CO UNIOE88 LAO LETTER SO TAM UNIOE8A LAO LETTER NOO UNIOE8A LAO LETTER NOO UNIOE94 LAO LETTER TO UNIOE95 LAO LETTER TO UNIOE95 LAO LETTER THO SUNG UNIOE96 LAO LETTER THO TAM UNIOE97 LAO LETTER NOO UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER PO TAM UNIOE95 LAO LETTER NO UNIOEA1 LAO LETTER NO UNIOEA2 LAO LETTER NO UNIOEA3 LAO LETTER LO LING S S LAO LETTER LO LING UNIOEA3 LAO LETTER LO LING S S S LAO LETTER LO LING UNIOEA3			Cw
LAO LETTER KHO TAM UNIOE87 LAO LETTER NGO UNIOE87 LAO LETTER CO UNIOE88 LAO LETTER SO TAM UNIOE8A LAO LETTER NYO UNIOE8B LAO LETTER DO UNIOE94 LAO LETTER TO UNIOE95 LAO LETTER TO UNIOE96 LAO LETTER THO SUNG UNIOE96 LAO LETTER THO TAM UNIOE97 LAO LETTER BO UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER FO TAM UNIOE99 LAO LETTER PO TAM UNIOE99 LAO LETTER NO UNIOE95 LAO LETTER NO UNIOEA5 LAO LETTER LO LING UNIOEA5		ກ	ກ
LAO LETTER NOO UNIOE88 LAO LETTER SO TAM UNIOE8A LAO LETTER NYO UNIOE8B LAO LETTER NYO UNIOE8B LAO LETTER DO UNIOE94 LAO LETTER TO UNIOE95 LAO LETTER THO SUNG UNIOE96 LAO LETTER THO TAM UNIOE97 LAO LETTER BO UNIOE99 LAO LETTER BO UNIOE99 LAO LETTER BO UNIOE99 LAO LETTER PO SUNG UNIOE99 LAO LETTER FO TAM UNIOE99 LAO LETTER FO TAM UNIOE99 LAO LETTER FO SUNG UNIOE96 LAO LETTER PHO TAM UNIOE96 LAO LETTER PO TAM UNIOE96 LAO LETTER PO TAM UNIOE96 LAO LETTER TO SUNG UNIOE96 LAO LETTER NO UNIOE96 LAO LETTER NO UNIOE96 LAO LETTER NO UNIOE96 LAO LETTER NO UNIOE83 LAO LETTER LO LING UNIOEA5		2	2
LAO LETTER CO unioe88 LAO LETTER SO TAM unioe8A LAO LETTER NYO unioe8D LAO LETTER DO unioe94 LAO LETTER TO unioe95 LAO LETTER THO SUNG unioe99 LAO LETTER BO unioe96 LAO LETTER BO unioe96 LAO LETTER RO unioe99 LAO LETTER PO unioe96 LAO LETTER PO SUNG unioe96 LAO LETTER SO SUNG unioe96 LAO LETTER NO Unioe85 LAO LETTER NO Unioe83 LAO LETTER LO LING unioe83 LAO LETTER LO LING unioe85		ខា	ຄ
LAO LETTER NO UNIOESA LAO LETTER NYO UNIOESA LAO LETTER NYO UNIOESA LAO LETTER DO UNIOESA LAO LETTER TO UNIOESA LAO LETTER THO SUNG UNIOESA LAO LETTER THO TAM UNIOESA LAO LETTER NO UNIOESA LAO LETTER NO UNIOESA LAO LETTER PO UNIOESA LAO LETTER PO UNIOESA LAO LETTER PO SUNG UNIOESA LAO LETTER PO TAM UNIOESA LAO LETTER PO SUNG UNIOESA LAO LETTER NO UNIOESA LAO LETTER LO LING UNIOESA LAO LETTER LO LING UNIOESA LAO LETTER LO LOOT UNIOESA		J	ງ
Uni0E8A LAO LETTER NYO Uni0E8D LAO LETTER DO Uni0E94 LAO LETTER TO Uni0E95 LAO LETTER THO SUNG Uni0E96 LAO LETTER THO TAM Uni0E97 LAO LETTER BO Uni0E98 LAO LETTER PO Uni0E98 LAO LETTER PO Uni0E99 LAO LETTER PO TAM Uni0E95 LAO LETTER PO Uni0E95 LAO LETTER MO Uni0EA1 LAO LETTER NO Uni0EA2 LAO LETTER LO LING Uni0EA3 LAO LETTER LO LOOT Uni0EA5		ବ	a
LAO LETTER PO UNIOE99 LAO LETTER TO UNIOE96 LAO LETTER THO SUNG UNIOE97 LAO LETTER BO UNIOE99 LAO LETTER BO UNIOE99 LAO LETTER PO UNIOE99 LAO LETTER FO TAM UNIOE99 LAO LETTER PHO TAM UNIOE95 LAO LETTER MO UNIOEA1 LAO LETTER MO UNIOEA2 LAO LETTER LO LING UNIOEA3 LAO LETTER LO LOOT UNIOEA5		8	ຊ
LAO LETTER TO UNIOE95 LAO LETTER THO SUNG UNIOE96 LAO LETTER THO TAM UNIOE99 LAO LETTER BO UNIOE99 LAO LETTER PO UNIOE98 LAO LETTER PO UNIOE99 LAO LETTER PO TAM UNIOE90 LAO LETTER FO TAM UNIOE90 LAO LETTER FO TAM UNIOE99 LAO LETTER PO TAM UNIOE95 LAO LETTER PO SUNG UNIOE95 LAO LETTER TO SUNG UNIOE95 LAO LETTER TO SUNG UNIOE95 LAO LETTER MO UNIOE95 LAO LETTER MO UNIOEA1 LAO LETTER YO UNIOEA2 LAO LETTER LO LING UNIOEA3 LAO LETTER LO LING UNIOEA5		٤	ಲ
LAO LETTER THO SUNG unioE96 LAO LETTER THO TAM unioE97 LAO LETTER NO unioE99 LAO LETTER BO unioE9A LAO LETTER PO unioE9B LAO LETTER PO SUNG unioE9C LAO LETTER FO TAM unioE9D LAO LETTER PO TAM unioE9D LAO LETTER PO SUNG unioE9D LAO LETTER PO TAM unioE9E LAO LETTER PO SUNG unioE9E LAO LETTER PO SUNG unioE9F LAO LETTER TO SUNG unioE9F LAO LETTER MO unioE9F LAO LETTER MO unioEA1 LAO LETTER YO unioEA2 LAO LETTER LO LING unioEA3 LAO LETTER LO LOOT unioEA5		ព	ດ
LAO LETTER PHO SUNG UNIOE9P LAO LETTER PO SUNG UNIOE9P LAO LETTER FO TAM UNIOE9P LAO LETTER PHO SUNG UNIOE9P LAO LETTER PHO TAM UNIOE9P LAO LETTER PHO SUNG UNIOE9P LAO LETTER MO UNIOEAP LAO LETTER MO UNIOEAP LAO LETTER LO LING UNIOEAS LAO LETTER LO LOOT UNIOEAS		្រា	ຕ
LAO LETTER PO UNIOE9A LAO LETTER PO UNIOE9B LAO LETTER PO UNIOE9B LAO LETTER PO TAM UNIOE9D LAO LETTER PHO TAM UNIOE9E LAO LETTER FO SUNG UNIOE9F LAO LETTER FO SUNG UNIOE9F LAO LETTER MO UNIOEAT LAO LETTER MO UNIOEAT LAO LETTER MO UNIOEAT LAO LETTER LO LING UNIOEAT LAO LETTER LO LING UNIOEAT LAO LETTER LO LING UNIOEAT LAO LETTER LO LOOT UNIOEAT		ព	ຖ
LAO LETTER BO UNIOE9A LAO LETTER PO UNIOE9B LAO LETTER PHO SUNG UNIOE9C LAO LETTER FO TAM UNIOE9D LAO LETTER PHO TAM UNIOE9E LAO LETTER FO SUNG UNIOE9E LAO LETTER FO SUNG UNIOE9F LAO LETTER MO UNIOEA1 LAO LETTER YO UNIOEA2 LAO LETTER LO LING UNIOEA3 LAO LETTER LO LOOT UNIOEA5		រា	ທ
LAO LETTER PO UNIOE9B LAO LETTER PHO SUNG UNIOE9C LAO LETTER FO TAM UNIOE9D LAO LETTER PHO TAM UNIOE9E LAO LETTER FO SUNG UNIOE9F LAO LETTER MO UNIOEAL LAO LETTER YO UNIOEAL LAO LETTER LO LING UNIOEAL LAO LETTER LO LOOT UNIOEAL		ນ	ນ
LAO LETTER PHO SUNG uni0E9C LAO LETTER FO TAM uni0E9D LAO LETTER PHO TAM uni0E9E LAO LETTER FO SUNG uni0E9F LAO LETTER MO uni0EA1 LAO LETTER YO uni0EA2 LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5		บ	υ
LAO LETTER FO TAM UNIOE9D LAO LETTER PHO TAM UNIOE9E LAO LETTER FO SUNG UNIOE9F LAO LETTER MO UNIOEA1 LAO LETTER YO UNIOEA2 LAO LETTER LO LING UNIOEA3 LAO LETTER LO LOOT UNIOEA5		ป	บ
LAO LETTER PHO TAM uni0E9E LAO LETTER FO SUNG uni0E9F LAO LETTER MO uni0EA1 LAO LETTER YO uni0EA2 LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5		ľJ'	ಡ
LAO LETTER MO uni0E9E LAO LETTER MO uni0EA1 LAO LETTER YO uni0EA2 LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5	LAO LETTER FO TAM	ฟ	ಟ
LAO LETTER MO uni0EA1 LAO LETTER YO uni0EA2 LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5 A		ผ	ພ
LAO LETTER YO uni0EA2 LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5	LAO LETTER FO SUNG uni0E9F	ฝ	ฟ
LAO LETTER LO LING uni0EA3 LAO LETTER LO LOOT uni0EA5		IJ	ນ
LAO LETTER LO LOOT uni0EA5		اع	೮
uni0EA5		S	S
LAO LETTER WO		ລ	ລ
uni0EA7	LAO LETTER WO uni0EA7	อ	ວ

	3	ສ
LAO LETTER SO SUNG uni0EAA		
LAO LETTER HO SUNG uni0EAB	ខា	ຫ
LAO LETTER O uni0EAD	9	ව
LAO LETTER HO TAM uni0EAE	S	ຮ
LAO ELLIPSIS uni0EAF	9	୍ୟ
LAO VOWEL SIGN A uni0EB0	le	8
LAO VOWEL SIGN MAI KAN uni0EB1		
LAO VOWEL SIGN AA uni0EB2	ๆ	າ
LAO VOWEL SIGN AM uni0EB3	°၅	ຳ
LAO VOWEL SIGN I uni0EB4		
LAO VOWEL SIGN II uni0EB5		
LAO VOWEL SIGN Y uni0EB6		
LAO VOWEL SIGN YY uni0EB7		
LAO VOWEL SIGN U uni0EB8		
LAO VOWEL SIGN UU uni0EB9		
LAO VOWEL SIGN MAI KON uni0EBB		
LAO SEMIVOWEL SIGN LO uni0EBC		
LAO SEMIVOWEL SIGN NYO uni0EBD	5	2
LAO VOWEL SIGN E uni0EC0	C	C
LAO VOWEL SIGN EI uni0EC1		CC
LAO VOWEL SIGN O uni0EC2	8	{
LAO VOWEL SIGN AY uni0EC3	?	ર
LAO VOWEL SIGN AI uni0EC4	7	ζ
LAO KO LA uni0EC6	5	ໆ
LAO TONE MAI EK uni0EC8		
LAO TONE MAI THO uni0EC9		
LAO TONE MAI TI uni0ECA		

LAO TONE MAI CATAWA

		uni0ECB
		LAO CANCELLATION MARK uni0ECC
		LAO NIGGAHITA uni0ECD
0	0	LAO DIGIT ZERO uni0ED0
၈	9	LAO DIGIT ONE uni0ED1
6	6	LAO DIGIT TWO uni0ED2
D	D	LAO DIGIT THREE uni0ED3
હ	6	LAO DIGIT FOUR uni0ED4
ھی	8	LAO DIGIT FIVE uni0ED5
ඛ	ಟ್	LAO DIGIT SIX uni0ED6
໗	໗	LAO DIGIT SEVEN uni0ED7
Я	ក្ន	LAO DIGIT EIGHT uni0ED8
လ	เ	LAO DIGIT NINE uni0ED9
സ	ໝ	LAO HO NO uni0EDC
ဃ	ໝ	LAO HO MO uni0EDD
		ZERO WIDTH SPACE uni200B
_	_	EN DASH uni2013
_	—	EM DASH uni2014
6	1	LEFT SINGLE QUOTATION MARK uni2018
,	7	RIGHT SINGLE QUOTATION MARK uni2019
,	,	SINGLE LOW-9 QUOTATION MARK uni201A
"	11	LEFT DOUBLE QUOTATION MARK uni201C
"	"	RIGHT DOUBLE QUOTATION MARK uni201D
"	11	DOUBLE LOW-9 QUOTATION MARK uni201E

QUOTATION MARK uni201E	"	"
DAGGER uni2020	†	†
DOUBLE DAGGER uni2021	‡	‡
BULLET uni2022	•	•

PER MILLE SIGN uni2030 SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039 SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A FRACTION SLASH uni2044 SUPERSCRIPT FOUR uni2074 SUBSCRIPT ONE uni2074 SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC C
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039 SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni2034 FRACTION SLASH uni2044 SUPERSCRIPT FOUR uni2074 SUBSCRIPT ONE uni2081 SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni2084 DOTTED CIRCLE uni25CC O O O O O O O O O O O O
FRACTION SLASH uni2044 SUPERSCRIPT FOUR uni2074 SUBSCRIPT ONE uni2081 SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC C
SUPERSCRIPT FOUR uni2074 SUBSCRIPT ONE uni2081 SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC O
SUBSCRIPT ONE uni2081 SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC O
SUBSCRIPT TWO uni2082 SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC
SUBSCRIPT THREE uni2083 SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC DOTTED CIRCLE uni25CC
SUBSCRIPT FOUR uni2084 EURO SIGN uni20AC TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC SUBSCRIPT FOUR 4 4 TM TM TM TM COMMENT OF TRADE MARK SIGN uni2122
Uni2084 EURO SIGN Uni20AC TRADE MARK SIGN Uni2122 BULLET OPERATOR Uni2219 DOTTED CIRCLE Uni25CC Uni25CC
TRADE MARK SIGN uni2122 BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC
BULLET OPERATOR uni2219 DOTTED CIRCLE uni25CC
DOTTED CIRCLE uni25CC
uni25CC uni25CC
a a



