

DIGIT ZERO	0	0
uni0030 DIGIT ONE	1	1
uni0031 DIGIT TWO	2	2
uni0032	3	3
uni0033 DIGIT FOUR		4
uni0034	4	<u>'</u>
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)	<u>@</u>
LATIN CAPITAL LETTER A uni0041	Α	A
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		I
LATIN CAPITAL LETTER J uni004A	J	J

K	K
L	L
M	M
N	N
0	0
P	Р
Q	Q
R	R
S	S
Т	Т
U	U
\vee	V
W	M
X	Χ
Υ	Y
Z	Z
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\	`
а	а
b	b
С	С
d	d
е	е
	M N O P Q R S T U V W X Y Z [\ \] \ \ - \ \ a b C

LATIN SMALL LETTER G uni0067	g	g
LATIN SMALL LETTER H uni0068	h	h
LATIN SMALL LETTER I uni0069	i	i
LATIN SMALL LETTER J uni006A	j	j
LATIN SMALL LETTER K uni006B	k	k
LATIN SMALL LETTER L uni006C		1
LATIN SMALL LETTER M uni006D	m	m
LATIN SMALL LETTER N uni006E	n	n
LATIN SMALL LETTER O uni006F	0	0
LATIN SMALL LETTER P uni0070	р	р
LATIN SMALL LETTER Q uni0071	q	q
LATIN SMALL LETTER R uni0072	r	r
LATIN SMALL LETTER S uni0073	S	S
LATIN SMALL LETTER T uni0074	t	t
LATIN SMALL LETTER U uni0075	U	u
LATIN SMALL LETTER V uni0076	V	V
LATIN SMALL LETTER W uni0077	W	W
LATIN SMALL LETTER X uni0078	X	X
LATIN SMALL LETTER Y uni0079	У	У
LATIN SMALL LETTER Z uni007A	Z	Z
LEFT CURLY BRACKET uni007B	{	{
VERTICAL LINE uni007C		I
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	~
uni007F		
NO-BREAK SPACE uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i

CENT SIGN

uni00A2	_	4
	¢	¢
POUND SIGN uni00A3	£	£
CURRENCY SIGN uni00A4	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	l l
SECTION SIGN uni00A7	§	§
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	<<	«
NOT SIGN uni00AC	¬	\neg
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	\mathbb{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	\mathbb{P}
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	ى	5
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	1/2	1/2
uni00BD		
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4
INVERTED QUESTION MARK uni00BF	خ	i
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	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
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 uni00D7	X	×

LATIN CAPITAL LETTER O WITH STROKE

uni00D8		
uniooda	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 uni00E5	å	å
LATIN SMALL LETTER AE uni00E6	æ	æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	Ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	Î	î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	ï
LATIN SMALL LETTER ETH uni00F0	ð	ð
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	Ò	ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	Ó

LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô
	õ	õ
LATIN SMALL LETTER O WITH TILDE uni00F5		
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	1
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž
LATIN SMALL LETTER F WITH HOOK uni0192	f	f
MODIFIER LETTER CIRCUMFLEX ACCENT	^	^
uni02C6 CARON	~	~
uni02C7 RING ABOVE	0	0
uni02DA SMALL TILDE	~	~
uni02DC HEBREW ACCENT ETNAHTA	П	
uni0591		

HEBREW ACCENT SEGOL uni0592	
HEBREW ACCENT SHALSHELET	П
uni0593	
HEBREW ACCENT ZAQEF QATAN uni0594	Ш
HEBREW ACCENT ZAQEF GADOL uni0595	
HEBREW ACCENT TIPEHA uni0596	
HEBREW ACCENT REVIA uni0597	
HEBREW ACCENT ZARQA uni0598	
HEBREW ACCENT PASHTA uni0599	
HEBREW ACCENT YETIV uni059A	
HEBREW ACCENT TEVIR uni059B	
HEBREW ACCENT GERESH uni059C	
HEBREW ACCENT GERESH MUQDAM uni059D	
HEBREW ACCENT GERSHAYIM uni059E	
HEBREW ACCENT QARNEY PARA uni059F	
HEBREW ACCENT TELISHA GEDOLA uni05A0	
HEBREW ACCENT PAZER uni05A1	
HEBREW ACCENT ATNAH HAFUKH uni05A2	
HEBREW ACCENT MUNAH uni05A3	
HEBREW ACCENT MAHAPAKH uni05A4	
HEBREW ACCENT MERKHA uni05A5	
HEBREW ACCENT MERKHA KEFULA uni05A6	
HEBREW ACCENT DARGA uni05A7	
HEBREW ACCENT QADMA uni05A8	
HEBREW ACCENT TELISHA QETANA uni05A9	
HEBREW ACCENT YERAH BEN YOMO uni05AA	
HEBREW ACCENT OLE uni05AB	
HEBREW ACCENT ILUY uni05AC	
HEBREW ACCENT DEHI	

uni05AD			
HEBREW ACCENT ZINOR uni05AE			
HEBREW MARK MASORA CIRCLE uni05AF			
HEBREW POINT SHEVA uni05B0			
HEBREW POINT HATAF SEGOL uni05B1			
HEBREW POINT HATAF PATAH uni05B2			
HEBREW POINT HATAF QAMATS uni05B3			
HEBREW POINT HIRIQ uni05B4			
HEBREW POINT TSERE uni05B5			
HEBREW POINT SEGOL uni05B6			
HEBREW POINT PATAH uni05B7			
HEBREW POINT QAMATS uni05B8			
HEBREW POINT HOLAM uni05B9			
HEBREW POINT HOLAM HASER FOR VAV uni05BA			
HEBREW POINT QUBUTS uni05BB			
HEBREW POINT DAGESH OR MAPIQ uni05BC			
HEBREW POINT METEG uni05BD			
HEBREW PUNCTUATION MAQAF uni05BE	-	-	
HEBREW POINT RAFE uni05BF			
HEBREW PUNCTUATION PASEQ uni05C0		l	
HEBREW POINT SHIN DOT uni05C1			
HEBREW POINT SIN DOT uni05C2			
HEBREW PUNCTUATION SOF PASUQ uni05C3	:	•	
HEBREW MARK UPPER DOT uni05C4			
HEBREW MARK LOWER DOT uni05C5		•	
HEBREW PUNCTUATION NUN HAFUKHA uni05C6 HEBREW POINT QAMATS QATAN	С	נ	
HEBREW POINT QAMAIS QATAN uni05C7 HEBREW LETTER ALEF	NI.	٧,	
uni05D0	X	X	

HEBREW LETTER BET uni05D1	ב	ב
HEBREW LETTER GIMEL	λ	ג
uni05D2 HEBREW LETTER DALET	Т	7
uni05D3	ה	ה
HEBREW LETTER HE uni05D4		
HEBREW LETTER VAV uni05D5	I	٦
HEBREW LETTER ZAYIN uni05D6	T	7
HEBREW LETTER HET uni05D7	Π	п
HEBREW LETTER TET uni05D8	U	ט
HEBREW LETTER YOD uni05D9	I	7
HEBREW LETTER FINAL KAF uni05DA	7	٦
HEBREW LETTER KAF uni05DB	\supset	ב
HEBREW LETTER LAMED uni05DC	7	ל
HEBREW LETTER FINAL MEM uni05DD		ם
HEBREW LETTER MEM uni05DE	מ	מ
HEBREW LETTER FINAL NUN uni05DF		7
HEBREW LETTER NUN uni05E0)	נ
HEBREW LETTER SAMEKH uni05E1	D	ס
HEBREW LETTER AYIN uni05E2	У	ע
HEBREW LETTER FINAL PE uni05E3	٦	ካ
HEBREW LETTER PE uni05E4	5	Ð
HEBREW LETTER FINAL TSADI uni05E5	Υ	r
HEBREW LETTER TSADI uni05E6	X	ጃ
HEBREW LETTER QOF uni05E7	7	ק
HEBREW LETTER RESH uni05E8	٦	٦
HEBREW LETTER SHIN uni05E9	ש	ש
HEBREW LETTER TAV uni05EA	Л	ת
HEBREW LIGATURE YIDDISH DOUBLE VAV uni05F0	П	רר

77	HEBREW LIGATURE YIDDISH VAV YOD uni05F1
	HEBREW LIGATURE YIDDISH DOUBLE YOD uni05F2
	HEBREW PUNCTUATION GERESH uni05F3
	HEBREW PUNCTUATION GERSHAYIM uni05F4
5	uni05F5
	LEFT-TO-RIGHT MARK uni200E
	RIGHT-TO-LEFT MARK
	uni200F EN DASH
	uni2013 EM DASH
	uni2014
	LEFT SINGLE QUOTATION MARK uni2018
	RIGHT SINGLE QUOTATION MARK uni2019
	SINGLE LOW-9 QUOTATION MARK uni201A
	LEFT DOUBLE QUOTATION MARK uni201C
	RIGHT DOUBLE QUOTATION MARK uni201D
	DOUBLE LOW-9 QUOTATION MARK uni201E
	DAGGER uni2020
	DOUBLE DAGGER uni2021
	BULLET uni2022
	HORIZONTAL ELLIPSIS uni2026
	PER MILLE SIGN uni2030
	SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039
	SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A
	NEW SHEQEL SIGN uni20AA
	EURO SIGN uni20AC
	TRADE MARK SIGN uni2122
	DOTTED CIRCLE uni25CC
	MUSIC NATURAL SIGN uni266E
נ	uniF8FF

HEBREW LETTER YOD WITH HIRIQ uniFB1D	į	?
HEBREW POINT JUDEO-SPANISH VARIKA uniFB1E		
HEBREW LIGATURE YIDDISH YOD YOD PATAH uniFB1F	11	<u>לל</u>
	ת	ע
HEBREW LETTER ALTERNATIVE AYIN uniFB20		
HEBREW LETTER WIDE ALEF uniFB21	X	×
HEBREW LETTER WIDE DALET uniFB22	Т	7
HEBREW LETTER WIDE HE uniFB23	\Box	T
HEBREW LETTER WIDE KAF uniFB24	\supset	\supset
HEBREW LETTER WIDE LAMED uniFB25	7	ځ
HEBREW LETTER WIDE FINAL MEM uniFB26		ם
HEBREW LETTER WIDE RESH uniFB27	\neg	٦
HEBREW LETTER WIDE TAV uniFB28	Л	ת
HEBREW LETTER ALTERNATIVE PLUS SIGN uniFB29	Т	_
HEBREW LETTER SHIN WITH SHIN DOT uniFB2A	ש	ש
HEBREW LETTER SHIN WITH SIN DOT uniFB2B	w.	W
HEBREW LETTER SHIN WITH DAGESH AND SHIN DOT uniFB2C	k)	w
HEBREW LETTER SHIN WITH DAGESH AND SIN DOT uniFB2D	ĹŸ.	Ü
HEBREW LETTER ALEF WITH PATAH uniFB2E	אַ	Ķ
HEBREW LETTER ALEF WITH QAMATS uniFB2F	Ϋ́	Ķ
HEBREW LETTER ALEF WITH MAPIQ uniFB30	Ķ	×
HEBREW LETTER BET WITH DAGESH uniFB31	<u></u>	⊇
HEBREW LETTER GIMEL WITH DAGESH uniFB32	j)	ä
HEBREW LETTER DALET WITH DAGESH uniFB33	न	ন
HEBREW LETTER HE WITH MAPIQ uniFB34	n	F
HEBREW LETTER VAV WITH DAGESH uniFB35	·l	ŗ
HEBREW LETTER ZAYIN WITH DAGESH uniFB36	-7	7
HEBREW LETTER TET WITH DAGESH uniFB38	Ð	ਹ
HEBREW LETTER YOD WITH DAGESH		

uniFB39	-1	,
HEBREW LETTER FINAL KAF WITH DAGESH uniFB3A		7
HEBREW LETTER KAF WITH DAGESH uniFB3B	⋺	٥
HEBREW LETTER LAMED WITH DAGESH uniFB3C	7	ڔ
HEBREW LETTER MEM WITH DAGESH uniFB3E	γ_{2}	מ
HEBREW LETTER NUN WITH DAGESH uniFB40	.]	3
HEBREW LETTER SAMEKH WITH DAGESH uniFB41	Ō	ō
HEBREW LETTER FINAL PE WITH DAGESH uniFB43	ט	٦
HEBREW LETTER PE WITH DAGESH uniFB44	5	Ð
HEBREW LETTER TSADI WITH DAGESH uniFB46	:7	芝
HEBREW LETTER QOF WITH DAGESH uniFB47	<u> </u> 7	q
HEBREW LETTER RESH WITH DAGESH uniFB48	.)	٦
HEBREW LETTER SHIN WITH DAGESH uniFB49	R	v
HEBREW LETTER TAV WITH DAGESH uniFB4A	Ð	IJ
HEBREW LETTER VAV WITH HOLAM uniFB4B	İ	İ
HEBREW LETTER BET WITH RAFE uniFB4C	ā	Ē
HEBREW LETTER KAF WITH RAFE uniFB4D	ō	Ō
HEBREW LETTER PE WITH RAFE uniFB4E	ō	פֿ
HEBREW LIGATURE ALEF LAMED uniFB4F	א	አ



