

## Halfwidth and Fullwidth Forms

**Range: FF00–FFEF**

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 16.0*

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See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-16.0/> for charts showing only the characters added in Unicode 16.0. See <https://www.unicode.org/Public/16.0.0/charts/> for a complete archived file of character code charts for Unicode 16.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

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See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

### Fonts

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See <https://www.unicode.org/charts/fonts.html> for a list.

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	FF0	FF1	FF2	FF3	FF4	FF5	FF6	FF7	FF8	FF9	FFA	FFB	FFC	FFD	FFE
0		0 FF10	@ FF20	P FF30	` FF40	p FF50	) FF60	ー FF70	夕 FF80	ミ FF90	 FFA0	ㇿ FFB0			¢ FFE0
1	! FF01	1 FF11	A FF21	Q FF31	a FF41	q FF51	。 FF61	ア FF71	チ FF81	ム FF91	ㇿ FFA1	口 FFB1			£ FFE1
2	" FF02	2 FF12	B FF22	R FF32	b FF42	r FF52	「 FF62	イ FF72	ツ FF82	メ FF92	ㇿ FFA2	日 FFB2	ト FFC2	ㇿ FFD2	ㇿ FFE2
3	# FF03	3 FF13	C FF23	S FF33	c FF43	s FF53	」 FF63	ウ FF73	テ FF83	モ FF93	ㇿ FFA3	冊 FFB3	冊 FFC3	ㇿ FFD3	ㇿ FFE3
4	\$ FF04	4 FF14	D FF24	T FF34	d FF44	t FF54	、 FF64	エ FF74	ト FF84	ヤ FF94	ㇿ FFA4	ㇿ FFB4	ㇿ FFC4	ㇿ FFD4	ㇿ FFE4
5	% FF05	5 FF15	E FF25	U FF35	e FF45	u FF55	・ FF65	オ FF75	ナ FF85	ㇿ FF95	ㇿ FFA5	入 FFB5	冊 FFC5	冊 FFD5	ㇿ FFE5
6	& FF06	6 FF16	F FF26	V FF36	f FF46	v FF56	ヲ FF66	カ FF76	ニ FF86	ヨ FF96	ㇿ FFA6	ㇿ FFB6	ㇿ FFC6	ㇿ FFD6	W FFE6
7	' FF07	7 FF17	G FF27	W FF37	g FF47	w FF57	ア FF67	キ FF77	ヌ FF87	ㇿ FF97	ㇿ FFA7	ㇿ FFB7	冊 FFC7	ㇿ FFD7	
8	( FF08	8 FF18	H FF28	X FF38	h FF48	x FF58	イ FF68	ク FF78	ネ FF88	リ FF98	ㇿ FFA8	ス FFB8			丨 FFE8
9	) FF09	9 FF19	I FF29	Y FF39	i FF49	y FF59	ウ FF69	ケ FF79	ノ FF89	ル FF99	ㇿ FFA9	ㇿ FFB9			← FFE9
A	* FF0A	: FF1A	J FF2A	Z FF3A	j FF4A	z FF5A	エ FF6A	コ FF7A	ハ FF8A	レ FF9A	ㇿ FFAa	ㇿ FFBa	ㇿ FFCa	ㇿ FFDa	↑ FFEa
B	+ FF0B	; FF1B	K FF2B	[ FF3B	k FF4B	{ FF5B	オ FF6B	サ FF7B	ヒ FF8B	ㇿ FF9B	ㇿ FFAa	ㇿ FFBa	ㇿ FFCa	ㇿ FFDa	→ FFEb
C	, FF0C	< FF1C	L FF2C	\ FF3C	l FF4C	 FF5C	ヤ FF6C	シ FF7C	フ FF8C	ワ FF9C	ㇿ FFAa	E FFBa	ㇿ FFCa	ㇿ FFDa	↓ FFEc
D	— FF0D	= FF1D	M FF2D	] FF3D	m FF4D	} FF5D	ㇿ FF6D	ス FF7D	ハ FF8D	ソ FF9D	ㇿ FFAa	ㇿ FFBa	ㇿ FFCa		■ FFEd
E	. FF0E	> FF1E	N FF2E	^ FF3E	n FF4E	~ FF5E	ヨ FF6E	セ FF7E	ホ FF8E	ゝ FF9E	ㇿ FFAa	ㇿ FFBa	ㇿ FFCa		○ FFEd
F	/ FF0F	? FF1F	O FF2F	— FF3F	o FF4F	( FF5F	ㇿ FF6F	ソ FF7F	マ FF8F	。 FF9F	ㇿ FFAa		ㇿ FFCa		

**Fullwidth ASCII variants***See ASCII 0020-007E*

FF01	!	FULLWIDTH EXCLAMATION MARK ~ FF01 FE00 ! corner-justified form ~ FF01 FE01 ! centered form ≈ <wide> 0021 !	FF1A	:	FULLWIDTH COLON ~ FF1A FE00 : corner-justified form ~ FF1A FE01 : centered form ≈ <wide> 003A :
FF02	"	FULLWIDTH QUOTATION MARK ≈ <wide> 0022 "	FF1B	;	FULLWIDTH SEMICOLON ~ FF1B FE00 ; corner-justified form ~ FF1B FE01 ; centered form ≈ <wide> 003B ;
FF03	#	FULLWIDTH NUMBER SIGN ≈ <wide> 0023 #	FF1C	<	FULLWIDTH LESS-THAN SIGN ≈ <wide> 003C <
FF04	\$	FULLWIDTH DOLLAR SIGN ≈ <wide> 0024 \$	FF1D	=	FULLWIDTH EQUALS SIGN ≈ <wide> 003D =
FF05	%	FULLWIDTH PERCENT SIGN ≈ <wide> 0025 %	FF1E	>	FULLWIDTH GREATER-THAN SIGN ≈ <wide> 003E >
FF06	&	FULLWIDTH AMPERSAND ≈ <wide> 0026 &	FF1F	?	FULLWIDTH QUESTION MARK ~ FF1F FE00 ? corner-justified form ~ FF1F FE01 ? centered form ≈ <wide> 003F ?
FF07	'	FULLWIDTH APOSTROPHE ≈ <wide> 0027 '	FF20	@	FULLWIDTH COMMERCIAL AT ≈ <wide> 0040 @
FF08	(	FULLWIDTH LEFT PARENTHESIS ≈ <wide> 0028 (	FF21	A	FULLWIDTH LATIN CAPITAL LETTER A ≈ <wide> 0041 A
FF09	)	FULLWIDTH RIGHT PARENTHESIS ≈ <wide> 0029 )	FF22	B	FULLWIDTH LATIN CAPITAL LETTER B ≈ <wide> 0042 B
FF0A	*	FULLWIDTH ASTERISK ≈ <wide> 002A *	FF23	C	FULLWIDTH LATIN CAPITAL LETTER C ≈ <wide> 0043 C
FF0B	+	FULLWIDTH PLUS SIGN ≈ <wide> 002B +	FF24	D	FULLWIDTH LATIN CAPITAL LETTER D ≈ <wide> 0044 D
FF0C	,	FULLWIDTH COMMA • in Chinese, indicates a pause → 3001 、 ideographic comma ~ FFOC FE00 , corner-justified form ~ FFOC FE01 ' centered form ≈ <wide> 002C ,	FF25	E	FULLWIDTH LATIN CAPITAL LETTER E ≈ <wide> 0045 E
FF0D	—	FULLWIDTH HYPHEN-MINUS ≈ <wide> 002D -	FF26	F	FULLWIDTH LATIN CAPITAL LETTER F ≈ <wide> 0046 F
FF0E	.	FULLWIDTH FULL STOP ~ FF0E FE00 . corner-justified form ~ FF0E FE01 ' centered form ≈ <wide> 002E .	FF27	G	FULLWIDTH LATIN CAPITAL LETTER G ≈ <wide> 0047 G
FF0F	/	FULLWIDTH SOLIDUS ≈ <wide> 002F /	FF28	H	FULLWIDTH LATIN CAPITAL LETTER H ≈ <wide> 0048 H
FF10	0	FULLWIDTH DIGIT ZERO ~ FF10 FE00 0 short diagonal stroke form ≈ <wide> 0030 0	FF29	I	FULLWIDTH LATIN CAPITAL LETTER I ≈ <wide> 0049 I
FF11	1	FULLWIDTH DIGIT ONE ≈ <wide> 0031 1	FF2A	J	FULLWIDTH LATIN CAPITAL LETTER J ≈ <wide> 004A J
FF12	2	FULLWIDTH DIGIT TWO ≈ <wide> 0032 2	FF2B	K	FULLWIDTH LATIN CAPITAL LETTER K ≈ <wide> 004B K
FF13	3	FULLWIDTH DIGIT THREE ≈ <wide> 0033 3	FF2C	L	FULLWIDTH LATIN CAPITAL LETTER L ≈ <wide> 004C L
FF14	4	FULLWIDTH DIGIT FOUR ≈ <wide> 0034 4	FF2D	M	FULLWIDTH LATIN CAPITAL LETTER M ≈ <wide> 004D M
FF15	5	FULLWIDTH DIGIT FIVE ≈ <wide> 0035 5	FF2E	N	FULLWIDTH LATIN CAPITAL LETTER N ≈ <wide> 004E N
FF16	6	FULLWIDTH DIGIT SIX ≈ <wide> 0036 6	FF2F	O	FULLWIDTH LATIN CAPITAL LETTER O ≈ <wide> 004F O
FF17	7	FULLWIDTH DIGIT SEVEN ≈ <wide> 0037 7	FF30	P	FULLWIDTH LATIN CAPITAL LETTER P ≈ <wide> 0050 P
FF18	8	FULLWIDTH DIGIT EIGHT ≈ <wide> 0038 8	FF31	Q	FULLWIDTH LATIN CAPITAL LETTER Q ≈ <wide> 0051 Q
FF19	9	FULLWIDTH DIGIT NINE ≈ <wide> 0039 9	FF32	R	FULLWIDTH LATIN CAPITAL LETTER R ≈ <wide> 0052 R
			FF33	S	FULLWIDTH LATIN CAPITAL LETTER S ≈ <wide> 0053 S
			FF34	T	FULLWIDTH LATIN CAPITAL LETTER T ≈ <wide> 0054 T
			FF35	U	FULLWIDTH LATIN CAPITAL LETTER U ≈ <wide> 0055 U

FF36	V	FULLWIDTH LATIN CAPITAL LETTER V ≈ <wide> 0056 V
FF37	W	FULLWIDTH LATIN CAPITAL LETTER W ≈ <wide> 0057 W
FF38	X	FULLWIDTH LATIN CAPITAL LETTER X ≈ <wide> 0058 X
FF39	Y	FULLWIDTH LATIN CAPITAL LETTER Y ≈ <wide> 0059 Y
FF3A	Z	FULLWIDTH LATIN CAPITAL LETTER Z ≈ <wide> 005A Z
FF3B	[	FULLWIDTH LEFT SQUARE BRACKET ≈ <wide> 005B [
FF3C	\	FULLWIDTH REVERSE SOLIDUS ≈ <wide> 005C \
FF3D	]	FULLWIDTH RIGHT SQUARE BRACKET ≈ <wide> 005D ]
FF3E	^	FULLWIDTH CIRCUMFLEX ACCENT ≈ <wide> 005E ^
FF3F	—	FULLWIDTH LOW LINE ≈ <wide> 005F _
FF40	`	FULLWIDTH GRAVE ACCENT ≈ <wide> 0060 `
FF41	a	FULLWIDTH LATIN SMALL LETTER A ≈ <wide> 0061 a
FF42	b	FULLWIDTH LATIN SMALL LETTER B ≈ <wide> 0062 b
FF43	c	FULLWIDTH LATIN SMALL LETTER C ≈ <wide> 0063 c
FF44	d	FULLWIDTH LATIN SMALL LETTER D ≈ <wide> 0064 d
FF45	e	FULLWIDTH LATIN SMALL LETTER E ≈ <wide> 0065 e
FF46	f	FULLWIDTH LATIN SMALL LETTER F ≈ <wide> 0066 f
FF47	g	FULLWIDTH LATIN SMALL LETTER G ≈ <wide> 0067 g
FF48	h	FULLWIDTH LATIN SMALL LETTER H ≈ <wide> 0068 h
FF49	i	FULLWIDTH LATIN SMALL LETTER I ≈ <wide> 0069 i
FF4A	j	FULLWIDTH LATIN SMALL LETTER J ≈ <wide> 006A j
FF4B	k	FULLWIDTH LATIN SMALL LETTER K ≈ <wide> 006B k
FF4C	l	FULLWIDTH LATIN SMALL LETTER L ≈ <wide> 006C l
FF4D	m	FULLWIDTH LATIN SMALL LETTER M ≈ <wide> 006D m
FF4E	n	FULLWIDTH LATIN SMALL LETTER N ≈ <wide> 006E n
FF4F	o	FULLWIDTH LATIN SMALL LETTER O ≈ <wide> 006F o
FF50	p	FULLWIDTH LATIN SMALL LETTER P ≈ <wide> 0070 p
FF51	q	FULLWIDTH LATIN SMALL LETTER Q ≈ <wide> 0071 q
FF52	r	FULLWIDTH LATIN SMALL LETTER R ≈ <wide> 0072 r
FF53	s	FULLWIDTH LATIN SMALL LETTER S ≈ <wide> 0073 s
FF54	t	FULLWIDTH LATIN SMALL LETTER T ≈ <wide> 0074 t

FF55	u	FULLWIDTH LATIN SMALL LETTER U ≈ <wide> 0075 u
FF56	v	FULLWIDTH LATIN SMALL LETTER V ≈ <wide> 0076 v
FF57	w	FULLWIDTH LATIN SMALL LETTER W ≈ <wide> 0077 w
FF58	x	FULLWIDTH LATIN SMALL LETTER X ≈ <wide> 0078 x
FF59	y	FULLWIDTH LATIN SMALL LETTER Y ≈ <wide> 0079 y
FF5A	z	FULLWIDTH LATIN SMALL LETTER Z ≈ <wide> 007A z
FF5B	{	FULLWIDTH LEFT CURLY BRACKET ≈ <wide> 007B {
FF5C		FULLWIDTH VERTICAL LINE ≈ <wide> 007C
FF5D	}	FULLWIDTH RIGHT CURLY BRACKET ≈ <wide> 007D }
FF5E	~	FULLWIDTH TILDE → 301C ~ wave dash ≈ <wide> 007E ~

**Fullwidth brackets**

FF5F	((	FULLWIDTH LEFT WHITE PARENTHESIS • the most commonly occurring glyph variant looks like doubled parentheses → 2E28 (( left double parenthesis ≈ <wide> 2985 (
FF60	)	FULLWIDTH RIGHT WHITE PARENTHESIS ≈ <wide> 2986 )

**Halfwidth CJK punctuation**

See *CJK punctuation 3000-303F*

FF61	。	HALFWIDTH IDEOGRAPHIC FULL STOP ≈ <narrow> 3002 。
FF62	⌈	HALFWIDTH LEFT CORNER BRACKET ≈ <narrow> 300C ⌈
FF63	⌋	HALFWIDTH RIGHT CORNER BRACKET ≈ <narrow> 300D ⌋
FF64	、	HALFWIDTH IDEOGRAPHIC COMMA ≈ <narrow> 3001 、

**Halfwidth Katakana variants**

See *Katakana 30A0-30FF*

FF65	・	HALFWIDTH KATAKANA MIDDLE DOT ≈ <narrow> 30FB ・
FF66	ヲ	HALFWIDTH KATAKANA LETTER WO ≈ <narrow> 30F2 ヲ
FF67	ァ	HALFWIDTH KATAKANA LETTER SMALL A ≈ <narrow> 30A1 ァ
FF68	ィ	HALFWIDTH KATAKANA LETTER SMALL I ≈ <narrow> 30A3 イ
FF69	ゥ	HALFWIDTH KATAKANA LETTER SMALL U ≈ <narrow> 30A5 ウ
FF6A	ヱ	HALFWIDTH KATAKANA LETTER SMALL E ≈ <narrow> 30A7 エ
FF6B	ォ	HALFWIDTH KATAKANA LETTER SMALL O ≈ <narrow> 30A9 オ
FF6C	ャ	HALFWIDTH KATAKANA LETTER SMALL YA ≈ <narrow> 30E3 ヤ
FF6D	ュ	HALFWIDTH KATAKANA LETTER SMALL YU ≈ <narrow> 30E5 ユ
FF6E	ョ	HALFWIDTH KATAKANA LETTER SMALL YO ≈ <narrow> 30E7 ヨ

FF6F ッ HALFWIDTH KATAKANA LETTER SMALL TU  
≈ <narrow> 30C3 ツ

FF70 ー HALFWIDTH KATAKANA-HIRAGANA  
PROLONGED SOUND MARK  
≈ <narrow> 30FC ー

FF71 ア HALFWIDTH KATAKANA LETTER A  
≈ <narrow> 30A2 ア

FF72 イ HALFWIDTH KATAKANA LETTER I  
≈ <narrow> 30A4 イ

FF73 ウ HALFWIDTH KATAKANA LETTER U  
≈ <narrow> 30A6 ウ

FF74 エ HALFWIDTH KATAKANA LETTER E  
≈ <narrow> 30A8 エ

FF75 オ HALFWIDTH KATAKANA LETTER O  
≈ <narrow> 30AA オ

FF76 カ HALFWIDTH KATAKANA LETTER KA  
≈ <narrow> 30AB カ

FF77 キ HALFWIDTH KATAKANA LETTER KI  
≈ <narrow> 30AD キ

FF78 ク HALFWIDTH KATAKANA LETTER KU  
≈ <narrow> 30AF ク

FF79 ケ HALFWIDTH KATAKANA LETTER KE  
≈ <narrow> 30B1 ケ

FF7A コ HALFWIDTH KATAKANA LETTER KO  
≈ <narrow> 30B3 コ

FF7B サ HALFWIDTH KATAKANA LETTER SA  
≈ <narrow> 30B5 サ

FF7C シ HALFWIDTH KATAKANA LETTER SI  
≈ <narrow> 30B7 シ

FF7D ス HALFWIDTH KATAKANA LETTER SU  
≈ <narrow> 30B9 ス

FF7E セ HALFWIDTH KATAKANA LETTER SE  
≈ <narrow> 30BB セ

FF7F ソ HALFWIDTH KATAKANA LETTER SO  
≈ <narrow> 30BD ソ

FF80 タ HALFWIDTH KATAKANA LETTER TA  
≈ <narrow> 30BF タ

FF81 チ HALFWIDTH KATAKANA LETTER TI  
≈ <narrow> 30C1 チ

FF82 ツ HALFWIDTH KATAKANA LETTER TU  
≈ <narrow> 30C4 ツ

FF83 テ HALFWIDTH KATAKANA LETTER TE  
≈ <narrow> 30C6 テ

FF84 ト HALFWIDTH KATAKANA LETTER TO  
≈ <narrow> 30C8 ト

FF85 ナ HALFWIDTH KATAKANA LETTER NA  
≈ <narrow> 30CA ナ

FF86 ニ HALFWIDTH KATAKANA LETTER NI  
≈ <narrow> 30CB ニ

FF87 ヌ HALFWIDTH KATAKANA LETTER NU  
≈ <narrow> 30CC ヌ

FF88 ネ HALFWIDTH KATAKANA LETTER NE  
≈ <narrow> 30CD ネ

FF89 ノ HALFWIDTH KATAKANA LETTER NO  
≈ <narrow> 30CE ノ

FF8A ハ HALFWIDTH KATAKANA LETTER HA  
≈ <narrow> 30CF ハ

FF8B ヒ HALFWIDTH KATAKANA LETTER HI  
≈ <narrow> 30D2 ヒ

FF8C フ HALFWIDTH KATAKANA LETTER HU  
≈ <narrow> 30D5 フ

FF8D ヘ HALFWIDTH KATAKANA LETTER HE  
≈ <narrow> 30D8 ヘ

FF8E ホ HALFWIDTH KATAKANA LETTER HO  
≈ <narrow> 30DB ホ

FF8F マ HALFWIDTH KATAKANA LETTER MA  
≈ <narrow> 30DE マ

FF90 ミ HALFWIDTH KATAKANA LETTER MI  
≈ <narrow> 30DF ミ

FF91 ム HALFWIDTH KATAKANA LETTER MU  
≈ <narrow> 30E0 ム

FF92 メ HALFWIDTH KATAKANA LETTER ME  
≈ <narrow> 30E1 メ

FF93 モ HALFWIDTH KATAKANA LETTER MO  
≈ <narrow> 30E2 モ

FF94 ヤ HALFWIDTH KATAKANA LETTER YA  
≈ <narrow> 30E4 ヤ

FF95 ユ HALFWIDTH KATAKANA LETTER YU  
≈ <narrow> 30E6 ユ

FF96 ヨ HALFWIDTH KATAKANA LETTER YO  
≈ <narrow> 30E8 ヨ

FF97 ラ HALFWIDTH KATAKANA LETTER RA  
≈ <narrow> 30E9 ラ

FF98 リ HALFWIDTH KATAKANA LETTER RI  
≈ <narrow> 30EA リ

FF99 ル HALFWIDTH KATAKANA LETTER RU  
≈ <narrow> 30EB ル

FF9A レ HALFWIDTH KATAKANA LETTER RE  
≈ <narrow> 30EC レ

FF9B ロ HALFWIDTH KATAKANA LETTER RO  
≈ <narrow> 30ED ロ



FF9C ワ HALFWIDTH KATAKANA LETTER WA  
≈ <narrow> 30EF ワ

FF9D ヌ HALFWIDTH KATAKANA LETTER N  
≈ <narrow> 30F3 ヌ

FF9E ㄱ HALFWIDTH KATAKANA VOICED SOUND MARK  
≈ <narrow> 3099 ㄱ

FF9F ㄴ HALFWIDTH KATAKANA SEMI-VOICED SOUND  
MARK  
≈ <narrow> 309A ㄴ

**Halfwidth Hangul variants***See Hangul Compatibility Jamo 3130-318F*

FFA0  HALFWIDTH HANGUL FILLER  
≈ <narrow> 3164 

FFA1 ㅏ HALFWIDTH HANGUL LETTER KIYEOK  
≈ <narrow> 3131 ㅏ

FFA2 ㅑ HALFWIDTH HANGUL LETTER SSANGKIYEOK  
≈ <narrow> 3132 ㅑ

FFA3 ㅓ HALFWIDTH HANGUL LETTER KIYEOK-SIOS  
≈ <narrow> 3133 ㅓ

FFA4 ㅕ HALFWIDTH HANGUL LETTER NIEUN  
≈ <narrow> 3134 ㅕ

FFA5 ㅗ HALFWIDTH HANGUL LETTER NIEUN-CIEUC  
≈ <narrow> 3135 ㅗ

FFA6 ㅛ HALFWIDTH HANGUL LETTER NIEUN-HIEUH  
≈ <narrow> 3136 ㅛ

FFA7 ㅜ HALFWIDTH HANGUL LETTER TIKEUT  
≈ <narrow> 3137 ㅜ

FFA8 ㅠ HALFWIDTH HANGUL LETTER SSANGTIKEUT  
≈ <narrow> 3138 ㅠ

FFA9 ㅡ HALFWIDTH HANGUL LETTER RIEUL  
≈ <narrow> 3139 ㅡ

FFAA ㅝ HALFWIDTH HANGUL LETTER RIEUL-KIYEOK  
≈ <narrow> 313A ㅝ

FFAB	ㄹ	HALFWIDTH HANGUL LETTER RIEUL-MIEUM ≈ <narrow> 313B ㄹ
FFAC	ㅍ	HALFWIDTH HANGUL LETTER RIEUL-PIEUP ≈ <narrow> 313C ㅍ
FFAD	ㄺ	HALFWIDTH HANGUL LETTER RIEUL-SIOS ≈ <narrow> 313D ㄺ
FFAE	ㅌ	HALFWIDTH HANGUL LETTER RIEUL-THIEUTH ≈ <narrow> 313E ㅌ
FFAF	ㅍ	HALFWIDTH HANGUL LETTER RIEUL-PHIEUPH ≈ <narrow> 313F ㅍ
FFB0	ㅎ	HALFWIDTH HANGUL LETTER RIEUL-HIEUH ≈ <narrow> 3140 ㅎ
FFB1	ㅁ	HALFWIDTH HANGUL LETTER MIEUM ≈ <narrow> 3141 ㅁ
FFB2	ㅂ	HALFWIDTH HANGUL LETTER PIEUP ≈ <narrow> 3142 ㅂ
FFB3	ㅃ	HALFWIDTH HANGUL LETTER SSANGPIEUP ≈ <narrow> 3143 ㅃ
FFB4	ㅅ	HALFWIDTH HANGUL LETTER PIEUP-SIOS ≈ <narrow> 3144 ㅅ
FFB5	ㅆ	HALFWIDTH HANGUL LETTER SIOS ≈ <narrow> 3145 ㅆ
FFB6	ㅈ	HALFWIDTH HANGUL LETTER SSANGSIOS ≈ <narrow> 3146 ㅈ
FFB7	ㅇ	HALFWIDTH HANGUL LETTER IEUNG ≈ <narrow> 3147 ㅇ
FFB8	ㅊ	HALFWIDTH HANGUL LETTER CIEUC ≈ <narrow> 3148 ㅊ
FFB9	ㅌ	HALFWIDTH HANGUL LETTER SSANGCIEUC ≈ <narrow> 3149 ㅌ
FFBA	ㅋ	HALFWIDTH HANGUL LETTER CHIEUCH ≈ <narrow> 314A ㅋ
FFBB	ㆁ	HALFWIDTH HANGUL LETTER KHIEUKH ≈ <narrow> 314B ㆁ
FFBC	ㅍ	HALFWIDTH HANGUL LETTER THIEUTH ≈ <narrow> 314C ㅍ
FFBD	ㅍ	HALFWIDTH HANGUL LETTER PHIEUPH ≈ <narrow> 314D ㅍ
FFBE	ㅎ	HALFWIDTH HANGUL LETTER HIEUH ≈ <narrow> 314E ㅎ
FFBF	▨	<reserved>
FFC0	▨	<reserved>
FFC1	▨	<reserved>
FFC2	ㅏ	HALFWIDTH HANGUL LETTER A ≈ <narrow> 314F ㅏ
FFC3	ㅑ	HALFWIDTH HANGUL LETTER AE ≈ <narrow> 3150 ㅑ
FFC4	ㅓ	HALFWIDTH HANGUL LETTER YA ≈ <narrow> 3151 ㅓ
FFC5	ㅕ	HALFWIDTH HANGUL LETTER YAE ≈ <narrow> 3152 ㅕ
FFC6	ㅗ	HALFWIDTH HANGUL LETTER EO ≈ <narrow> 3153 ㅗ
FFC7	ㅛ	HALFWIDTH HANGUL LETTER E ≈ <narrow> 3154 ㅛ
FFC8	▨	<reserved>
FFC9	▨	<reserved>
FFCA	ㅜ	HALFWIDTH HANGUL LETTER YEO ≈ <narrow> 3155 ㅜ
FFCB	ㅠ	HALFWIDTH HANGUL LETTER YE ≈ <narrow> 3156 ㅠ

FFCC	ㅝ	HALFWIDTH HANGUL LETTER O ≈ <narrow> 3157 ㅝ
FFCD	ㅟ	HALFWIDTH HANGUL LETTER WA ≈ <narrow> 3158 ㅟ
FFCE	ㅡ	HALFWIDTH HANGUL LETTER WAE ≈ <narrow> 3159 ㅡ
FFCF	ㅣ	HALFWIDTH HANGUL LETTER OE ≈ <narrow> 315A ㅣ
FFD0	▨	<reserved>
FFD1	▨	<reserved>
FFD2	ㅥ	HALFWIDTH HANGUL LETTER YO ≈ <narrow> 315B ㅥ
FFD3	ㅧ	HALFWIDTH HANGUL LETTER U ≈ <narrow> 315C ㅧ
FFD4	ㅩ	HALFWIDTH HANGUL LETTER WEO ≈ <narrow> 315D ㅩ
FFD5	ㅪ	HALFWIDTH HANGUL LETTER WE ≈ <narrow> 315E ㅪ
FFD6	ㅬ	HALFWIDTH HANGUL LETTER WI ≈ <narrow> 315F ㅬ
FFD7	ㅭ	HALFWIDTH HANGUL LETTER YU ≈ <narrow> 3160 ㅭ
FFD8	▨	<reserved>
FFD9	▨	<reserved>
FFDA	ㅡ	HALFWIDTH HANGUL LETTER EU ≈ <narrow> 3161 ㅡ
FFDB	ㅱ	HALFWIDTH HANGUL LETTER YI ≈ <narrow> 3162 ㅱ
FFDC	ㅳ	HALFWIDTH HANGUL LETTER I ≈ <narrow> 3163 ㅳ

**Fullwidth symbol variants***See Latin-1 00A0-00FF*

FFE0	¢	FULLWIDTH CENT SIGN ≈ <wide> 00A2 ¢
FFE1	£	FULLWIDTH POUND SIGN ≈ <wide> 00A3 £
FFE2	¬	FULLWIDTH NOT SIGN ≈ <wide> 00AC ¬
FFE3	—	FULLWIDTH MACRON • sometimes treated as fullwidth overline → 203E — overline ≈ <wide> 00AF —
FFE4	‡	FULLWIDTH BROKEN BAR ≈ <wide> 00A6 ‡
FFE5	¥	FULLWIDTH YEN SIGN ≈ <wide> 00A5 ¥
FFE6	₩	FULLWIDTH WON SIGN ≈ <wide> 20A9 ₩

**Halfwidth symbol variants**

FFE8		HALFWIDTH FORMS LIGHT VERTICAL ≈ <narrow> 2502
FFE9	←	HALFWIDTH LEFTWARDS ARROW ≈ <narrow> 2190 ←
FFEA	↑	HALFWIDTH UPWARDS ARROW ≈ <narrow> 2191 ↑
FFEB	→	HALFWIDTH RIGHTWARDS ARROW ≈ <narrow> 2192 →
FFEC	↓	HALFWIDTH DOWNWARDS ARROW ≈ <narrow> 2193 ↓
FFED	■	HALFWIDTH BLACK SQUARE ≈ <narrow> 25A0 ■

FFEE ◦ HALFWIDTH WHITE CIRCLE  
≈ <narrow> 25CB ○

Standardized Variation Sequences	
FF01	<p>! FULLWIDTH EXCLAMATION MARK</p> <p>FF01 ! corner-justified form</p> <p>FF01 FE00 ! centered form</p>
FF0C	<p>, FULLWIDTH COMMA</p> <p>FF0C , corner-justified form</p> <p>FF0C FE00 , centered form</p>
FF0E	<p>• FULLWIDTH FULL STOP</p> <p>FF0E • corner-justified form</p> <p>FF0E FE00 • centered form</p>
FF10	<p>0 FULLWIDTH DIGIT ZERO</p> <p>FF10 0 short diagonal stroke form</p>
FF1A	<p>: FULLWIDTH COLON</p> <p>FF1A : corner-justified form</p> <p>FF1A FE00 : centered form</p>
FF1B	<p>; FULLWIDTH SEMICOLON</p> <p>FF1B ; corner-justified form</p> <p>FF1B FE00 ; centered form</p>
FF1F	<p>? FULLWIDTH QUESTION MARK</p> <p>FF1F ? corner-justified form</p> <p>FF1F FE00 ? centered form</p> <p>FF1F FE01</p>