

Halfwidth and Fullwidth Forms

Range: FF00–FFEF

The Unicode Standard, Version 12.0

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 12.0*

Characters in this chart that are new for The Unicode Standard, Version 12.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list.

This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard.
See <http://www.unicode.org/errata/> for an up-to-date list of errata.

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts.
See <http://www.unicode.org/charts/PDF/Unicode-12.0/> for charts showing only the characters added in Unicode 12.0.
See <http://www.unicode.org/Public/12.0.0/charts/> for a complete archived file of character code charts for Unicode 12.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 12.0, online at <http://www.unicode.org/versions/Unicode12.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <http://www.unicode.org/ucd/> and <http://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 <http://www.unicode.org/charts/fonts.html> for a list.

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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

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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	苺 FFB0			¢ FFE0
1	! FF01	1 FF11	A FF21	Q FF31	a FF41	q FF51	。 FF61	ア FF71	チ FF81	ム FF91	㇀ FFA1	口 FFB1			£ FFE1
2	" FF02	2 FF12	B FF22	R FF32	b FF42	r FF52	「 FF62	イ FF72	ツ FF82	メ FF92	㇁ FFA2	日 FFB2	ト FFC2	止 FFD2	┌ FFE2
3	# FF03	3 FF13	C FF23	S FF33	c FF43	s FF53	」 FF63	ウ FF73	テ FF83	モ FF93	㇂ FFA3	冊 FFB3	冫 FFC3	冫 FFD3	┐ FFE3
4	\$ FF04	4 FF14	D FF24	T FF34	d FF44	t FF54	、 FF64	エ FF74	ト FF84	ヤ FF94	㇃ FFA4	臥 FFB4	冫 FFC4	冫 FFD4	丨 FFE4
5	% FF05	5 FF15	E FF25	U FF35	e FF45	u FF55	・ FF65	オ FF75	ナ FF85	ユ FF95	㇄ FFA5	入 FFB5	冫 FFC5	冫 FFD5	¥ FFE5
6	& FF06	6 FF16	F FF26	V FF36	f FF46	v FF56	ヲ FF66	カ FF76	ニ FF86	ヨ FF96	㇅ FFA6	从 FFB6	冫 FFC6	冫 FFD6	W FFE6
7	' FF07	7 FF17	G FF27	W FF37	g FF47	w FF57	ア FF67	キ FF77	ヌ FF87	㇆ FF97	㇇ FFA7	〇 FFB7	冫 FFC7	冫 FFD7	
8	(FF08	8 FF18	H FF28	X FF38	h FF48	x FF58	イ FF68	ク FF78	ネ FF88	リ FF98	㇈ FFA8	入 FFB8			丨 FFE8
9	) FF09	9 FF19	I FF29	Y FF39	i FF49	y FF59	ウ FF69	ケ FF79	ノ FF89	ル FF99	㇉ FFA9	㇊ FFB9			← FFE9
A	* FF0A	: FF1A	J FF2A	Z FF3A	j FF4A	z FF5A	エ FF6A	コ FF7A	ハ FF8A	レ FF9A	㇋ FFAa	㇌ FFBa	冫 FFCa	冫 FFDa	↑ FFEa
B	+ FF0B	; FF1B	K FF2B	[FF3B	k FF4B	{ FF5B	オ FF6B	サ FF7B	ヒ FF8B	ロ FF9B	㇍ FFAb	㇎ FFBb	冫 FFCb	冫 FFDb	→ FFEb
C	, FF0C	< FF1C	L FF2C	\ FF3C	l FF4C	| FF5C	ヤ FF6C	シ FF7C	フ FF8C	ワ FF9C	㇏ FFAc	E FFBc	冫 FFCc	冫 FFDc	↓ FFEc
D	— FF0D	= FF1D	M FF2D	] FF3D	m FF4D	} FF5D	ユ FF6D	ス FF7D	ヘ FF8D	ソ FF9D	㇐ FFAd	㇑ FFBd	冫 FFCd		■ FFEd
E	. FF0E	> FF1E	N FF2E	^ FF3E	n FF4E	~ FF5E	ヨ FF6E	セ FF7E	ホ FF8E	ゝ FF9E	㇒ FFAe	㇓ FFBe	冫 FFCe		○ FFEe
F	/ FF0F	? FF1F	O FF2F	— FF3F	o FF4F	((FF5F	ツ FF6F	ソ FF7F	マ FF8F	。 FF9F	㇔ FFAf		冫 FFCf		

Fullwidth ASCII variants

See ASCII 0020-007E

FF01 **!** **FULLWIDTH EXCLAMATION MARK**
 ~ FF01 FE00 **!** corner-justified form
 ~ FF01 FE01 **!** centered form
 ≈ <wide> 0021 **!**

FF02 **"** **FULLWIDTH QUOTATION MARK**
 ≈ <wide> 0022 **"**

FF03 **#** **FULLWIDTH NUMBER SIGN**
 ≈ <wide> 0023 **#**

FF04 **\$** **FULLWIDTH DOLLAR SIGN**
 ≈ <wide> 0024 **\$**

FF05 **%** **FULLWIDTH PERCENT SIGN**
 ≈ <wide> 0025 **%**

FF06 **&** **FULLWIDTH AMPERSAND**
 ≈ <wide> 0026 **&**

FF07 **'** **FULLWIDTH APOSTROPHE**
 ≈ <wide> 0027 **'**

FF08 **(** **FULLWIDTH LEFT PARENTHESIS**
 ≈ <wide> 0028 **(**

FF09 **)** **FULLWIDTH RIGHT PARENTHESIS**
 ≈ <wide> 0029 **)**

FF0A ***** **FULLWIDTH ASTERISK**
 ≈ <wide> 002A *****

FF0B **+** **FULLWIDTH PLUS SIGN**
 ≈ <wide> 002B **+**

FF0C **,** **FULLWIDTH COMMA**
 • in Chinese, indicates a pause
 → 3001 、 ideographic comma
 ~ FF0C FE00 **,** corner-justified form
 ~ FF0C FE01 **,** centered form
 ≈ <wide> 002C **,**

FF0D **-** **FULLWIDTH HYPHEN-MINUS**
 ≈ <wide> 002D **-**

FF0E **.** **FULLWIDTH FULL STOP**
 ~ FF0E FE00 **.** corner-justified form
 ~ FF0E FE01 **.** centered form
 ≈ <wide> 002E **.**

FF0F **/** **FULLWIDTH SOLIDUS**
 ≈ <wide> 002F **/**

FF10 **0** **FULLWIDTH DIGIT ZERO**
 ~ FF10 FE00 **0** short diagonal stroke form
 ≈ <wide> 0030 **0**

FF11 **1** **FULLWIDTH DIGIT ONE**
 ≈ <wide> 0031 **1**

FF12 **2** **FULLWIDTH DIGIT TWO**
 ≈ <wide> 0032 **2**

FF13 **3** **FULLWIDTH DIGIT THREE**
 ≈ <wide> 0033 **3**

FF14 **4** **FULLWIDTH DIGIT FOUR**
 ≈ <wide> 0034 **4**

FF15 **5** **FULLWIDTH DIGIT FIVE**
 ≈ <wide> 0035 **5**

FF16 **6** **FULLWIDTH DIGIT SIX**
 ≈ <wide> 0036 **6**

FF17 **7** **FULLWIDTH DIGIT SEVEN**
 ≈ <wide> 0037 **7**

FF18 **8** **FULLWIDTH DIGIT EIGHT**
 ≈ <wide> 0038 **8**

FF19 **9** **FULLWIDTH DIGIT NINE**
 ≈ <wide> 0039 **9**

FF1A **:** **FULLWIDTH COLON**
 ~ FF1A FE00 **:** corner-justified form
 ~ FF1A FE01 **:** centered form
 ≈ <wide> 003A **:**

FF1B **;** **FULLWIDTH SEMICOLON**
 ~ FF1B FE00 **;** corner-justified form
 ~ FF1B FE01 **;** centered form
 ≈ <wide> 003B **;**

FF1C **<** **FULLWIDTH LESS-THAN SIGN**
 ≈ <wide> 003C **<**

FF1D **=** **FULLWIDTH EQUALS SIGN**
 ≈ <wide> 003D **=**

FF1E **>** **FULLWIDTH GREATER-THAN SIGN**
 ≈ <wide> 003E **>**

FF1F **?** **FULLWIDTH QUESTION MARK**
 ~ FF1F FE00 **?** corner-justified form
 ~ FF1F FE01 **?** centered form
 ≈ <wide> 003F **?**

FF20 **@** **FULLWIDTH COMMERCIAL AT**
 ≈ <wide> 0040 **@**

FF21 **A** **FULLWIDTH LATIN CAPITAL LETTER A**
 ≈ <wide> 0041 **A**

FF22 **B** **FULLWIDTH LATIN CAPITAL LETTER B**
 ≈ <wide> 0042 **B**

FF23 **C** **FULLWIDTH LATIN CAPITAL LETTER C**
 ≈ <wide> 0043 **C**

FF24 **D** **FULLWIDTH LATIN CAPITAL LETTER D**
 ≈ <wide> 0044 **D**

FF25 **E** **FULLWIDTH LATIN CAPITAL LETTER E**
 ≈ <wide> 0045 **E**

FF26 **F** **FULLWIDTH LATIN CAPITAL LETTER F**
 ≈ <wide> 0046 **F**

FF27 **G** **FULLWIDTH LATIN CAPITAL LETTER G**
 ≈ <wide> 0047 **G**

FF28 **H** **FULLWIDTH LATIN CAPITAL LETTER H**
 ≈ <wide> 0048 **H**

FF29 **I** **FULLWIDTH LATIN CAPITAL LETTER I**
 ≈ <wide> 0049 **I**

FF2A **J** **FULLWIDTH LATIN CAPITAL LETTER J**
 ≈ <wide> 004A **J**

FF2B **K** **FULLWIDTH LATIN CAPITAL LETTER K**
 ≈ <wide> 004B **K**

FF2C **L** **FULLWIDTH LATIN CAPITAL LETTER L**
 ≈ <wide> 004C **L**

FF2D **M** **FULLWIDTH LATIN CAPITAL LETTER M**
 ≈ <wide> 004D **M**

FF2E **N** **FULLWIDTH LATIN CAPITAL LETTER N**
 ≈ <wide> 004E **N**

FF2F **O** **FULLWIDTH LATIN CAPITAL LETTER O**
 ≈ <wide> 004F **O**

FF30 **P** **FULLWIDTH LATIN CAPITAL LETTER P**
 ≈ <wide> 0050 **P**

FF31 **Q** **FULLWIDTH LATIN CAPITAL LETTER Q**
 ≈ <wide> 0051 **Q**

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 ィ
FF69	ゥ	HALFWIDTH KATAKANA LETTER SMALL U ≈ <narrow> 30A5 ャ
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 ュ
FF6E	ヨ	HALFWIDTH KATAKANA LETTER SMALL YO ≈ <narrow> 30E7 ヨ

FF6F	ッ	HALFWIDTH KATAKANA LETTER SMALL TU ≈ <narrow> 30C3 ツ	FF8E	ホ	HALFWIDTH KATAKANA LETTER HO ≈ <narrow> 30DB ホ
FF70	ー	HALFWIDTH KATAKANA-HIRAGANA PROLONGED SOUND MARK ≈ <narrow> 30FC ー	FF8F	マ	HALFWIDTH KATAKANA LETTER MA ≈ <narrow> 30DE マ
FF71	ア	HALFWIDTH KATAKANA LETTER A ≈ <narrow> 30A2 ア	FF90	ミ	HALFWIDTH KATAKANA LETTER MI ≈ <narrow> 30DF ミ
FF72	イ	HALFWIDTH KATAKANA LETTER I ≈ <narrow> 30A4 イ	FF91	ム	HALFWIDTH KATAKANA LETTER MU ≈ <narrow> 30E0 ム
FF73	ウ	HALFWIDTH KATAKANA LETTER U ≈ <narrow> 30A6 ウ	FF92	メ	HALFWIDTH KATAKANA LETTER ME ≈ <narrow> 30E1 メ
FF74	エ	HALFWIDTH KATAKANA LETTER E ≈ <narrow> 30A8 エ	FF93	モ	HALFWIDTH KATAKANA LETTER MO ≈ <narrow> 30E2 モ
FF75	オ	HALFWIDTH KATAKANA LETTER O ≈ <narrow> 30AA オ	FF94	ヤ	HALFWIDTH KATAKANA LETTER YA ≈ <narrow> 30E4 ヤ
FF76	カ	HALFWIDTH KATAKANA LETTER KA ≈ <narrow> 30AB カ	FF95	ユ	HALFWIDTH KATAKANA LETTER YU ≈ <narrow> 30E6 ユ
FF77	キ	HALFWIDTH KATAKANA LETTER KI ≈ <narrow> 30AD キ	FF96	ヨ	HALFWIDTH KATAKANA LETTER YO ≈ <narrow> 30E8 ヨ
FF78	ク	HALFWIDTH KATAKANA LETTER KU ≈ <narrow> 30AF ク	FF97	ラ	HALFWIDTH KATAKANA LETTER RA ≈ <narrow> 30E9 ラ
FF79	ケ	HALFWIDTH KATAKANA LETTER KE ≈ <narrow> 30B1 ケ	FF98	リ	HALFWIDTH KATAKANA LETTER RI ≈ <narrow> 30EA リ
FF7A	コ	HALFWIDTH KATAKANA LETTER KO ≈ <narrow> 30B3 コ	FF99	ル	HALFWIDTH KATAKANA LETTER RU ≈ <narrow> 30EB ル
FF7B	サ	HALFWIDTH KATAKANA LETTER SA ≈ <narrow> 30B5 サ	FF9A	レ	HALFWIDTH KATAKANA LETTER RE ≈ <narrow> 30EC レ
FF7C	シ	HALFWIDTH KATAKANA LETTER SI ≈ <narrow> 30B7 シ	FF9B	ロ	HALFWIDTH KATAKANA LETTER RO ≈ <narrow> 30ED ロ
FF7D	ス	HALFWIDTH KATAKANA LETTER SU ≈ <narrow> 30B9 ス	FF9C	ワ	HALFWIDTH KATAKANA LETTER WA ≈ <narrow> 30EF ワ
FF7E	セ	HALFWIDTH KATAKANA LETTER SE ≈ <narrow> 30BB セ	FF9D	ン	HALFWIDTH KATAKANA LETTER N ≈ <narrow> 30F3 ン
FF7F	ソ	HALFWIDTH KATAKANA LETTER SO ≈ <narrow> 30BD ソ	FF9E	ゝ	HALFWIDTH KATAKANA VOICED SOUND MARK ≈ <narrow> 3099 ゝ
FF80	タ	HALFWIDTH KATAKANA LETTER TA ≈ <narrow> 30BF タ	FF9F	゜	HALFWIDTH KATAKANA SEMI-VOICED SOUND MARK ≈ <narrow> 309A ゝ
FF81	チ	HALFWIDTH KATAKANA LETTER TI ≈ <narrow> 30C1 チ	Halfwidth Hangul variants		
FF82	ツ	HALFWIDTH KATAKANA LETTER TU ≈ <narrow> 30C4 ツ	<i>See Hangul Compatibility Jamo 3130-318F</i>		
FF83	テ	HALFWIDTH KATAKANA LETTER TE ≈ <narrow> 30C6 テ	FFA0	 HALFWIDTH HANGUL FILLER ≈ <narrow> 3164 	
FF84	ト	HALFWIDTH KATAKANA LETTER TO ≈ <narrow> 30C8 ト	FFA1	ㄱ	HALFWIDTH HANGUL LETTER KIYEOK ≈ <narrow> 3131 ㄱ
FF85	ナ	HALFWIDTH KATAKANA LETTER NA ≈ <narrow> 30CA ナ	FFA2	ㄴ	HALFWIDTH HANGUL LETTER SSANGKIYEOK ≈ <narrow> 3132 ㄴ
FF86	ニ	HALFWIDTH KATAKANA LETTER NI ≈ <narrow> 30CB ニ	FFA3	ㄷ	HALFWIDTH HANGUL LETTER KIYEOK-SIOS ≈ <narrow> 3133 ㄷ
FF87	ヌ	HALFWIDTH KATAKANA LETTER NU ≈ <narrow> 30CC ヌ	FFA4	ㄹ	HALFWIDTH HANGUL LETTER NIEUN ≈ <narrow> 3134 ㄹ
FF88	ネ	HALFWIDTH KATAKANA LETTER NE ≈ <narrow> 30CD ネ	FFA5	ㅁ	HALFWIDTH HANGUL LETTER NIEUN-CIEUC ≈ <narrow> 3135 ㅁ
FF89	ノ	HALFWIDTH KATAKANA LETTER NO ≈ <narrow> 30CE ノ	FFA6	ㅂ	HALFWIDTH HANGUL LETTER NIEUN-HIEUH ≈ <narrow> 3136 ㅂ
FF8A	ハ	HALFWIDTH KATAKANA LETTER HA ≈ <narrow> 30CF ハ	FFA7	ㅅ	HALFWIDTH HANGUL LETTER TIKEUT ≈ <narrow> 3137 ㅅ
FF8B	ヒ	HALFWIDTH KATAKANA LETTER HI ≈ <narrow> 30D2 ヒ	FFA8	ㅆ	HALFWIDTH HANGUL LETTER SSANGTIKEUT ≈ <narrow> 3138 ㅆ
FF8C	フ	HALFWIDTH KATAKANA LETTER HU ≈ <narrow> 30D5 フ	FFA9	ㅈ	HALFWIDTH HANGUL LETTER RIEUL ≈ <narrow> 3139 ㅈ
FF8D	ヘ	HALFWIDTH KATAKANA LETTER HE ≈ <narrow> 30D8 ヘ	FFAA	ㅊ	HALFWIDTH HANGUL LETTER RIEUL-KIYEOK ≈ <narrow> 313A ㅊ

FFAB	ㄹ	HALFWIDTH HANGUL LETTER RIEUL-MIEUM ≈ <narrow> 313B ㄹ
FFAC	ㅍ	HALFWIDTH HANGUL LETTER RIEUL-PIEUP ≈ <narrow> 313C ㅍ
FFAD	ㅅ	HALFWIDTH HANGUL LETTER RIEUL-SIOS ≈ <narrow> 313D ㅅ
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	ㅟ	HALFWIDTH HANGUL LETTER O ≈ <narrow> 3157 ㅟ
FFCD	ㅡ	HALFWIDTH HANGUL LETTER WA ≈ <narrow> 3158 ㅡ
FFCE	ㅣ	HALFWIDTH HANGUL LETTER WAE ≈ <narrow> 3159 ㅣ
FFCF	ㅥ	HALFWIDTH HANGUL LETTER OE ≈ <narrow> 315A ㅥ
FFD0	▩	<reserved>
FFD1	▩	<reserved>
FFD2	ㅨ	HALFWIDTH HANGUL LETTER YO ≈ <narrow> 315B ㅨ
FFD3	ㅩ	HALFWIDTH HANGUL LETTER U ≈ <narrow> 315C ㅩ
FFD4	ㅪ	HALFWIDTH HANGUL LETTER WEO ≈ <narrow> 315D ㅪ
FFD5	ㅫ	HALFWIDTH HANGUL LETTER WE ≈ <narrow> 315E ㅫ
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 ○