

## Halfwidth and Fullwidth Forms

Range: FF00–FFEF

### **DRAFT The Unicode Standard, Version 16.0 BETA REVIEW**

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

This file may be changed at any time without notice to reflect errata, or other updates to the Unicode Standard. See <https://www.unicode.org/errata/> for an up-to-date list of errata.

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-15.1/> for charts showing only the characters added in Unicode 15.1. See <https://www.unicode.org/Public/15.1.0/charts/> for a complete archived file of character code charts for Unicode 15.1. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.1 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 15.1, online at <https://www.unicode.org/versions/Unicode15.1.0/>, 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 <https://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.

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

See <https://www.unicode.org/charts/About.html> for more information concerning the conventions and symbols used in these code charts.

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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 <sub>2</sub> 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 <sub>3</sub> FFD3	ㇿ <sub>3</sub> FFE3
4	\$ FF04	4 FF14	D FF24	T FF34	d FF44	t FF54	、 FF64	エ FF74	ト FF84	ヤ FF94	ㇿ FFA4	ㇿ <sub>4</sub> FFB4	ㇿ <sub>4</sub> FFC4	ㇿ <sub>4</sub> FFD4	ㇿ <sub>4</sub> FFE4
5	% FF05	5 FF15	E FF25	U FF35	e FF45	u FF55	・ FF65	オ FF75	ナ FF85	ㇿ <sub>5</sub> FF95	ㇿ <sub>5</sub> FFA5	入 FFB5	冊 FFC5	冊 FFD5	ㇿ <sub>5</sub> FFE5
6	& FF06	6 FF16	F FF26	V FF36	f FF46	v FF56	ヲ FF66	カ FF76	ニ FF86	ヨ FF96	ㇿ <sub>6</sub> FFA6	ㇿ <sub>6</sub> FFB6	ㇿ <sub>6</sub> FFC6	ㇿ <sub>6</sub> FFD6	W FFE6
7	' FF07	7 FF17	G FF27	W FF37	g FF47	w FF57	ア FF67	キ FF77	ヌ FF87	ㇿ <sub>7</sub> FF97	ㇿ <sub>7</sub> FFA7	ㇿ <sub>7</sub> FFB7	冊 FFC7	ㇿ <sub>7</sub> FFD7	
8	( FF08	8 FF18	H FF28	X FF38	h FF48	x FF58	イ FF68	ク FF78	ネ FF88	リ FF98	ㇿ <sub>8</sub> FFA8	ㇿ <sub>8</sub> FFB8			ㇿ <sub>8</sub> FFE8
9	) FF09	9 FF19	I FF29	Y FF39	i FF49	y FF59	ウ FF69	ケ FF79	ノ FF89	ル FF99	ㇿ <sub>9</sub> FFA9	ㇿ <sub>9</sub> FFB9			← FFE9
A	* FF0A	: FF1A	J FF2A	Z FF3A	j FF4A	z FF5A	エ FF6A	コ FF7A	ハ FF8A	レ FF9A	ㇿ <sub>A</sub> FFA0	ㇿ <sub>A</sub> FFB0	ㇿ <sub>A</sub> FFC0	ㇿ <sub>A</sub> FFD0	↑ FFEA
B	+ FF0B	; FF1B	K FF2B	[ FF3B	k FF4B	{ FF5B	オ FF6B	サ FF7B	ヒ FF8B	ㇿ <sub>B</sub> FF9B	ㇿ <sub>B</sub> FFA0	ㇿ <sub>B</sub> FFB0	ㇿ <sub>B</sub> FFC0	ㇿ <sub>B</sub> FFD0	→ FFEB
C	, FF0C	< FF1C	L FF2C	\ FF3C	l FF4C	 FF5C	ヤ FF6C	シ FF7C	フ FF8C	ワ FF9C	ㇿ <sub>C</sub> FFA0	ㇿ <sub>C</sub> FFB0	ㇿ <sub>C</sub> FFC0	ㇿ <sub>C</sub> FFD0	↓ FFEC
D	— FF0D	= FF1D	M FF2D	] FF3D	m FF4D	} FF5D	ㇿ <sub>D</sub> FF60	ㇿ <sub>D</sub> FF70	ㇿ <sub>D</sub> FF80	ㇿ <sub>D</sub> FF90	ㇿ <sub>D</sub> FFA0	ㇿ <sub>D</sub> FFB0	ㇿ <sub>D</sub> FFC0		■ FFED
E	. FF0E	> FF1E	N FF2E	^ FF3E	n FF4E	~ FF5E	ヨ FF6E	セ FF7E	ホ FF8E	ゝ FF9E	ㇿ <sub>E</sub> FFA0	ㇿ <sub>E</sub> FFB0	ㇿ <sub>E</sub> FFC0		○ FFEE
F	/ FF0F	? FF1F	O FF2F	— FF3F	o FF4F	《 FF5F	ㇿ <sub>F</sub> FF60	ㇿ <sub>F</sub> FF70	ㇿ <sub>F</sub> FF80	ㇿ <sub>F</sub> FF90	ㇿ <sub>F</sub> FFA0		ㇿ <sub>F</sub> FFC0		

**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 ~ FFOE FE00 . corner-justified form ~ FFOE 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 ュ
FF6E	ョ	HALFWIDTH KATAKANA LETTER SMALL YO ≈ <narrow> 30E7 ョ

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 TIKIYU  
≈ <narrow> 3137 ㅜ

FFA8 ㅠ HALFWIDTH HANGUL LETTER SSANGTIKIEUT  
≈ <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	ㅍ	HALFWIDTH HANGUL LETTER PIEUP-SIOS ≈ <narrow> 3144 ㅍ
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	ㅈ	HALFWIDTH HANGUL LETTER CIEUC ≈ <narrow> 3148 ㅈ
FFB9	ㅉ	HALFWIDTH HANGUL LETTER SSANGCIEUC ≈ <narrow> 3149 ㅉ
FFBA	ㅊ	HALFWIDTH HANGUL LETTER CHIEUCH ≈ <narrow> 314A ㅊ
FFBB	ㅋ	HALFWIDTH HANGUL LETTER KHIEUKH ≈ <narrow> 314B ㅋ
FFBC	ㅌ	HALFWIDTH HANGUL LETTER THIEUTH ≈ <narrow> 314C ㅌ
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> <p>FF01 FE01</p>
FF0C	<p>, FULLWIDTH COMMA</p> <p>FF0C , corner-justified form</p> <p>FF0C FE00 , centered form</p> <p>FF0C FE01</p>
FF0E	<p>• FULLWIDTH FULL STOP</p> <p>FF0E • corner-justified form</p> <p>FF0E FE00 • centered form</p> <p>FF0E FE01</p>
FF10	<p>0 FULLWIDTH DIGIT ZERO</p> <p>FF10 0 short diagonal stroke form</p> <p>FF10 FE00</p>
FF1A	<p>: FULLWIDTH COLON</p> <p>FF1A : corner-justified form</p> <p>FF1A FE00 : centered form</p> <p>FF1A FE01</p>
FF1B	<p>; FULLWIDTH SEMICOLON</p> <p>FF1B ; corner-justified form</p> <p>FF1B FE00 ; centered form</p> <p>FF1B FE01</p>
FF1F	<p>? FULLWIDTH QUESTION MARK</p> <p>FF1F ? corner-justified form</p> <p>FF1F FE00 ? centered form</p> <p>FF1F FE01</p>