

## **Vertical Forms**

**Range: FE10–FE1F**

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 13.0*

This file may be changed at any time without notice to reflect errata or other updates 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-13.0/> for charts showing only the characters added in Unicode 13.0.  
See <http://www.unicode.org/Public/13.0.0/charts/> for a complete archived file of character code charts for Unicode 13.0.

### **Disclaimer**

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 13.0 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 13.0, online at <http://www.unicode.org/versions/Unicode13.0.0/>, 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.

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

### **Fonts**

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

*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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	FE1
0	’ FE10
1	、 FE11
2	◦ FE12
3	⋮ FE13
4	⋮ FE14
5	! FE15
6	? FE16
7	⌌ FE17
8	⌍ FE18
9	⋮ FE19
A	▨
B	▨
C	▨
D	▨
E	▨
F	▨

These characters are compatibility characters needed to map to GB 18030.

#### Glyphs for vertical variants

- FE10 ’ PRESENTATION FORM FOR VERTICAL COMMA  
→ FE50 ’ small comma  
≈ <vertical> 002C ,
- FE11 、 PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC COMMA  
→ FE45 、 sesame dot  
→ FE51 、 small ideographic comma  
≈ <vertical> 3001 丶
- FE12 ◦ PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC FULL STOP  
≈ <vertical> 3002 。
- FE13 ⋮ PRESENTATION FORM FOR VERTICAL COLON  
→ FE55 ⋮ small colon  
≈ <vertical> 003A :
- FE14 ⋮ PRESENTATION FORM FOR VERTICAL SEMICOLON  
→ FE54 ⋮ small semicolon  
≈ <vertical> 003B ;
- FE15 ! PRESENTATION FORM FOR VERTICAL EXCLAMATION MARK  
→ FE57 ! small exclamation mark  
≈ <vertical> 0021 !
- FE16 ? PRESENTATION FORM FOR VERTICAL QUESTION MARK  
→ FE56 ? small question mark  
≈ <vertical> 003F ?
- FE17 ⌌ PRESENTATION FORM FOR VERTICAL LEFT WHITE LENTICULAR BRACKET  
≈ <vertical> 3016 ⌌
- FE18 ⌍ PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET  
× PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET  
• misspelling of “BRACKET” in character name is a known defect  
≈ <vertical> 3017 ⌍
- FE19 ⋮ PRESENTATION FORM FOR VERTICAL HORIZONTAL ELLIPSIS  
→ 22EE ⋮ vertical ellipsis  
≈ <vertical> 2026 ...