







0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F																			
1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F	1F40	1F41	1F42	1F43	1F44	1F45	1F46	1F47	1F48	1F49	1F4A	1F4B	1F4C	1F4D	1F4E	1F4F	1F50	1F51	1F52	1F53	1F54	1F55						
1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F	1F40	1F41	1F42	1F43	1F44	1F45	1F46	1F47	1F48	1F49	1F4A	1F4B	1F4C	1F4D	1F4E	1F4F	1F50	1F51	1F52	1F53	1F54	1F55						
1F60	1F61	1F62	1F63	1F64	1F65	1F66	1F67	1F68	1F69	1F6A	1F6B	1F6C	1F6D	1F6E	1F6F	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1F7E	1F7F	1F80	1F81	1F82	1F83	1F84	1F85	1F86	1F87	1F88	1F89	
1F60	1F61	1F62	1F63	1F64	1F65	1F66	1F67	1F68	1F69	1F6A	1F6B	1F6C	1F6D	1F6E	1F6F	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1F7E	1F7F	1F80	1F81	1F82	1F83	1F84	1F85	1F86	1F87	1F88	1F89	
Emoticons	Ornamental Dingbats	Transport and Map Symbols	Geometric Shapes Extended	Supplemental Arrows-C	Chess Symbols	Symbols and Pictographs Extended-A																												
1F8A	1F8B	1F8C	1F90	1F91	1F92	1F93	1F94	1F95	1F96	1F97	1F98	1F99	1F9A	1F9B	1F9C	1F9D	1F9E	1F9F	1FA0	1FA1	1FA2	1FA3	1FA4	1FA5	1FA6	1FA7	1FA8	1FA9	1FAA	1FAB	1FAC	1FAD	1FAE	1FAF
1F8A	1F8B	1F8C	1F90	1F91	1F92	1F93	1F94	1F95	1F96	1F97	1F98	1F99	1F9A	1F9B	1F9C	1F9D	1F9E	1F9F	1FA0	1FA1	1FA2	1FA3	1FA4	1FA5	1FA6	1FA7	1FA8	1FA9	1FAA	1FAB	1FAC	1FAD	1FAE	1FAF

0 1 2 3 4 5 6 7 8 9 A B C D F

0000: NULL  
0001: START OF HEADING  
0002: START OF TEXT  
0003: END OF TEXT  
0004: END OF TRANSMISSION  
0005: ENQUIRY  
0006: ACKNOWLEDGE  
0007: BELL  
0008: BACKSPACE  
0009: CHARACTER TABULATION  
000A: LINE FEED (LF)  
000B: LINE TABULATION  
000C: FORM FEED (FF)  
000D: CARRIAGE RETURN (CR)  
000E: SHIFT OUT  
000F: SHIFT IN  
0010: DATA LINK ESCAPE  
0011: DEVICE CONTROL ONE  
0012: DEVICE CONTROL TWO  
0013: DEVICE CONTROL THREE  
0014: DEVICE CONTROL FOUR  
0015: NEGATIVE ACKNOWLEDGE  
0016: SYNCHRONOUS IDLE  
0017: END OF TRANSMISSION BLOCK  
0018: CANCEL  
0019: END OF MEDIUM  
001A: SUBSTITUTE  
001B: ESCAPE  
001C: INFORMATION SEPARATOR FOUR (FILE)  
001D: INFORMATION SEPARATOR THREE (GROUP)  
001E: INFORMATION SEPARATOR TWO (RECORD)  
001F: INFORMATION SEPARATOR ONE (UNIT)  
0020: SPACE  
007F: DELETE  
0080: (PADDING CHARACTER)  
0081: (HIGH OCTET PRESET)  
0082: BREAK PERMITTED HERE  
0083: NO BREAK HERE  
0084: (INDEX)  
0085: NEXT LINE (NEL)  
0086: START OF SELECTED AREA

0 1 2 3 4 5 6 7 8 9 A B C D F

0087: END OF SELECTED AREA  
0088: CHARACTER TABULATION SET  
0089: CHARACTER TABULATION WITH JUSTIFICATION  
008A: LINE TABULATION SET  
008B: PARTIAL LINE FORWARD  
008C: PARTIAL LINE BACKWARD  
008D: REVERSE LINE FEED  
008E: SINGLE SHIFT TWO  
008F: SINGLE SHIFT THREE  
0090: DEVICE CONTROL STRING  
0091: PRIVATE USE ONE  
0092: PRIVATE USE TWO  
0093: SET TRANSMIT STATE  
0094: CANCEL CHARACTER  
0095: MESSAGE WAITING  
0096: START OF GUARDED AREA  
0097: END OF GUARDED AREA  
0098: START OF STRING  
0099: (SINGLE GRAPHIC CHARACTER INTRODUCER)  
009A: SINGLE CHARACTER INTRODUCER  
009B: CONTROL SEQUENCE INTRODUCER  
009C: STRING TERMINATOR  
009D: OPERATING SYSTEM COMMAND  
009E: PRIVACY MESSAGE  
009F: APPLICATION PROGRAM COMMAND  
00A0: NO-BREAK SPACE  
00A0D: SOFT HYPHEN  
034F: COMBINING GRAPHEME JOINER  
061C: ARABIC LETTER MARK  
061D: ARABIC END OF TEXT MARK  
115F: HANGUL CHOSEONG FILLER  
1160: HANGUL JUNGSEONG FILLER  
1680: OGHAM SPACE MARK  
1784: KHMER VOWEL INHERENT AQ  
1785: KHMER VOWEL INHERENT AA  
180B: MONGOLIAN FREE VARIATION SELECTOR ONE  
180C: MONGOLIAN FREE VARIATION SELECTOR TWO  
180D: MONGOLIAN FREE VARIATION SELECTOR THREE  
180E: MONGOLIAN VOWEL SEPARATOR  
2000: EN QUAD  
2001: EM QUAD  
2002: EN SPACE  
2003: EM SPACE  
2004: THREE-PER-EM SPACE  
2005: FOUR-PER-EM SPACE  
2006: SIX-PER-EM SPACE  
2007: FIGURE SPACE  
2008: PUNCTUATION SPACE  
2009: THIN SPACE  
200A: HAIR SPACE  
200B: ZERO WIDTH SPACE  
200C: ZERO WIDTH NON-JOINER  
200D: ZERO WIDTH JOINER  
200E: LEFT-TO-RIGHT MARK  
200F: RIGHT-TO-LEFT MARK  
2028: LINE SEPARATOR  
2029: PARAGRAPH SEPARATOR  
202A: LEFT-TO-RIGHT EMBEDDING  
202B: RIGHT-TO-LEFT EMBEDDING  
202C: POP DIRECTIONAL FORMATTING  
202D: LEFT-TO-RIGHT OVERRIDE  
202E: RIGHT-TO-LEFT OVERRIDE  
202F: NARROW NO-BREAK SPACE  
205F: MEDIUM MATHEMATICAL SPACE  
2060: WORD JOINER  
2061: FUNCTION APPLICATION  
2062: INVISIBLE TIMES  
2063: INVISIBLE SEPARATOR  
2064: INVISIBLE PLUS  
2066: LEFT-TO-RIGHT ISOLATE  
2067: RIGHT-TO-LEFT ISOLATE  
2068: FIRST STRONG ISOLATE  
2069: POP DIRECTIONAL ISOLATE  
206A: INHIBIT SYMMETRIC SWAPPING  
206B: ACTIVATE SYMMETRIC SWAPPING  
206C: INHIBIT ARABIC FORM SHAPING  
206D: ACTIVATE ARABIC FORM SHAPING  
206E: NATIONAL DIGIT SHAPES  
206F: NOMINAL DIGIT SHAPES  
2800: BRAILLE PATTERN BLANK  
3000: IDEOGRAPHIC SPACE  
3164: HANGUL FILLER  
FE00..FE0D: VARIATION SELECTOR-1..14

FE0E: VARIATION SELECTOR-15 (TEXT)  
FE0F: VARIATION SELECTOR-16 (EMOJI)  
FEFF: ZERO WIDTH NO-BREAK SPACE (BOM)  
FFA0: HALFWIDTH HANGUL FILLER  
FF99: INTERLINEAR ANNOTATION ANCHOR  
FFFA: INTERLINEAR ANNOTATION SEPARATOR  
FFFB: INTERLINEAR ANNOTATION TERMINATOR  
FFFC: OBJECT REPLACEMENT CHARACTER  
1BCA0: SHORTHAND FORMAT LETTER OVERLAP  
1BCA1: SHORTHAND FORMAT LETTER CONTINUING OVERLAP  
1BCA2: SHORTHAND FORMAT LETTER CONTINUING DOWN STEP  
1BCA3: SHORTHAND FORMAT LETTER CONTINUING UP STEP  
1D159: MUSICAL SYMBOL NULL NOTEHEAD  
1D173: MUSICAL SYMBOL BEGIN BEAM  
1D174: MUSICAL SYMBOL END BEAM  
1D175: MUSICAL SYMBOL BEGIN TIE  
1D176: MUSICAL SYMBOL END TIE  
1D177: MUSICAL SYMBOL BEGIN SLUR  
1D178: MUSICAL SYMBOL END SLUR  
1D179: MUSICAL SYMBOL BEGIN PHRASE  
1D17A: MUSICAL SYMBOL END PHRASE  
1F3FB: EMOJI MODIFIER FITZPATRICK TYPE-1..2  
1F3FC: EMOJI MODIFIER FITZPATRICK TYPE-3  
1F3FD: EMOJI MODIFIER FITZPATRICK TYPE-4  
1F3FE: EMOJI MODIFIER FITZPATRICK TYPE-5  
1F3FF: EMOJI MODIFIER FITZPATRICK TYPE-6  
E0001: LANGUAGE TAG  
E0020..E007E: TAG SPACE..TILDE  
E007F: CANCEL TAG  
E0100..E01EF: VARIATION SELECTOR-17..