| DE0 |     | 0      | In                                   |
|-----|-----|--------|--------------------------------------|
| DEC | HEX | Symbol | Description                          |
| 0   | 0   | NUL    | Null char                            |
| 1   | 1   | SOH    | Start of Heading                     |
| 2   | 2   | STX    | Start of Text                        |
| 3   | 3   | ETX    | End of Text                          |
| 4   | 4   | EOT    | End of Transmission                  |
| 5   | 5   | ENQ    | Enquiry                              |
| 6   | 6   | ACK    | Acknowledgment                       |
| 7   | 7   | BEL    | Bell                                 |
| 8   | 8   | BS     | Back Space                           |
| 9   | 9   | HT     | Horizontal Tab                       |
| 10  | 0A  | LF     | Line Feed                            |
| 11  | 0B  | VT     | Vertical Tab                         |
| 12  | 0C  | FF     | Form Feed                            |
| 13  | 0D  | CR     | Carriage Return                      |
| 14  | 0E  | SO     | Shift Out / X-On                     |
| 15  | 0F  | SI     | Shift In / X-Off                     |
| 16  | 10  | DLE    | Data Line Escape                     |
| 17  | 11  | DC1    | Device Control 1 (oft. XON)          |
| 18  | 12  | DC2    | Device Control 2                     |
| 19  | 13  | DC3    | Device Control 3 (oft. XOFF)         |
| 20  | 14  | DC4    | Device Control 4                     |
| 21  | 15  | NAK    | Negative Acknowledgement             |
| 22  | 16  | SYN    | Synchronous Idle                     |
| 23  | 17  | ETB    | End of Transmit Block                |
| 24  | 18  | CAN    | Cancel                               |
| 25  | 19  | EM     | End of Medium                        |
| 26  | 1A  | SUB    | Substitute                           |
| 27  | 1B  | ESC    | Escape                               |
| 28  | 1C  | FS     | File Separator                       |
| 29  | 1D  | GS     | Group Separator                      |
| 30  | 1E  | RS     | Record Separator                     |
| 31  | 1F  | US     | Unit Separator                       |
| 32  | 20  |        | Space                                |
| 33  | 21  | !      | Exclamation mark                     |
| 34  | 22  | "      | Double quotes (or speech marks)      |
| 35  | 23  | #      | Number                               |
| 36  | 24  | \$     | Dollar                               |
| 37  | 25  | %      | Procenttecken                        |
| 38  | 26  | &      | Ampersand                            |
| 39  | 27  | '      | Single quote                         |
| 40  | 28  | (      | Open parenthesis (or open bracket)   |
| 41  | 29  | )      | Close parenthesis (or close bracket) |
| 42  | 2A  | *      | Asterisk                             |
| 43  | 2B  | +      | Plus                                 |
| 44  | 2C  |        | Comma                                |
| 45  | 2D  | -      | Hyphen                               |
| 46  | 2E  |        | Period, dot or full stop             |
| 47  | 2F  | . /    | Slash or divide                      |
|     |     | 0      |                                      |
| 48  | 30  | 1      | Zero                                 |
|     |     | 2      | One                                  |
| 50  | 32  |        | Two                                  |

| DEC | HEX       | Symbol | Description                            |
|-----|-----------|--------|--|
| 51  | 33        | 3      | Three                                  |
| 52  | 34        | 4      | Four                                   |
| 53  | 35        | 5      | Five                                   |
| 54  | 36        | 6      | Six                                    |
| 55  | 37        | 7      | Seven                                  |
| 56  | 38        | 8      | Eight                                  |
| 57  | 39        | 9      | Nine                                   |
| 58  | 3A        | :      | Colon                                  |
| 59  | 3B        | ;      | Semicolon                              |
| 60  | 3C        | <      | Less than (or open angled bracket)     |
| 61  | 3D        | =      | Equals                                 |
| 62  | 3E        | >      | Greater than (or close angled bracket) |
| 63  | 3F        | ?      | Question mark                          |
| 64  | 40        | @      | At symbol                              |
| 65  | 41        | A      | Uppercase A                            |
| 66  | 42        | В      | Uppercase B                            |
| 67  | 43        | С      | Uppercase C                            |
| 68  | 44        | D      | Uppercase D                            |
| 69  | 45        | E      | Uppercase E                            |
| 70  | 46        | F      | Uppercase F                            |
| 71  | 47        | G      | Uppercase G                            |
| 72  | 48        | Н      | Uppercase H                            |
| 73  | 49        |        | Uppercase I                            |
| 74  | 4A        | J      | Uppercase J                            |
| 75  | 4B        | K      | Uppercase K                            |
| 76  | 4C        | L      | Uppercase L                            |
| 77  | 4D        | M      | Uppercase M                            |
| 78  | 4E        | N      | Uppercase N                            |
| 79  | 4F        | 0      |  |
| 80  | 50        | P      | Uppercase O Uppercase P                |
| 81  | 51        | Q      | Uppercase Q                            |
| 82  | 52        | R      | Uppercase R                            |
| 83  | 53        | S      | Uppercase S                            |
| 84  | 54        | T      | Uppercase T                            |
|     | 55        | U      | ''                                     |
| 85  |           |        | Uppercase U                            |
| 86  | 56<br>57  | V<br>W | Uppercase V                            |
| 87  | 57<br>50  | W      | Uppercase W                            |
| 88  | 58<br>50  | X      | Uppercase X                            |
| 89  | 59<br>5 ^ | Y 7    | Uppercase 7                            |
| 90  | 5A        | Z      | Uppercase Z                            |
| 91  | 5B        | ]      | Opening bracket                        |
| 92  | 5C        | \      | Backslash Clasing by select            |
| 93  | 5D        | ]      | Closing bracket                        |
| 94  | 5E        | ^      | Caret - circumflex                     |
| 95  | 5F        |        | Underscore                             |
| 96  | 60        |        | Grave accent                           |
| 97  | 61        | a      | Lowercase a                            |
| 98  | 62        | b      | Lowercase b                            |
| 99  | 63        | С      | Lowercase c                            |
| 100 | 64        | d      | Lowercase d                            |
| 101 | 65        | е      | Lowercase e                            |

| DEC | HEX | Symbol | Description                          |
|-----|-----|--------|--------------------------------------|
| 102 | 66  | f      | Lowercase f                          |
| 103 | 67  | g      | Lowercase g                          |
| 104 | 68  | h      | Lowercase h                          |
| 105 | 69  | i      | Lowercase i                          |
| 106 | 6A  | j      | Lowercase j                          |
| 107 | 6B  | k      | Lowercase k                          |
| 108 | 6C  | I      | Lowercase I                          |
| 109 | 6D  | m      | Lowercase m                          |
| 110 | 6E  | n      | Lowercase n                          |
| 111 | 6F  | 0      | Lowercase o                          |
| 112 | 70  | р      | Lowercase p                          |
| 113 | 71  | q      | Lowercase q                          |
| 114 | 72  | r      | Lowercase r                          |
| 115 | 73  | s      | Lowercase s                          |
| 116 | 74  | t      | Lowercase t                          |
| 117 | 75  | u      | Lowercase u                          |
| 118 | 76  | ٧      | Lowercase v                          |
| 119 | 77  | W      | Lowercase w                          |
| 120 | 78  | Х      | Lowercase x                          |
| 121 | 79  | у      | Lowercase y                          |
| 122 | 7A  | Z      | Lowercase z                          |
| 123 | 7B  | {      | Opening brace                        |
| 124 | 7C  |        | Vertical bar                         |
| 125 | 7D  | }      | Closing brace                        |
| 126 | 7E  | ~      | Equivalency sign - tilde             |
| 127 | 7F  |        | Delete                               |
| 128 | 80  | €      | Euro sign                            |
| 129 | 81  |        |                                      |
| 130 | 82  | ,      | Single low-9 quotation mark          |
| 131 | 83  | f      | Latin small letter f with hook       |
| 132 | 84  | "      | Double low-9 quotation mark          |
| 133 | 85  |        | Horizontal ellipsis                  |
| 134 | 86  | †      | Dagger                               |
| 135 | 87  | ‡      | Double dagger                        |
| 136 | 88  | ^      | Modifier letter circumflex accent    |
| 137 | 89  | %      | Per mille sign                       |
| 138 | 8A  | Š      | Latin capital letter S with caron    |
| 139 | 8B  | (      | Single left-pointing angle quotation |
| 140 | 8C  | Œ      | Latin capital ligature OE            |
| 141 | 8D  |        |                                      |
| 142 | 8E  | Ž      | Latin captial letter Z with caron    |
| 143 | 8F  |        |                                      |
| 144 | 90  |        |                                      |
| 145 | 91  |        | Left single quotation mark           |
| 146 | 92  | ,      | Right single quotation mark          |
| 147 | 93  | "      | Left double quotation mark           |
| 148 | 94  | "      | Right double quotation mark          |
| 149 | 95  | •      | Bullet                               |
| 150 | 96  | _      | En dash                              |
| 151 | 97  | ~      | Em dash                              |
| 152 | 98  | ~      | Small tilde                          |

| DEC | HEX | Symbol | Description                                |
|-----|-----|--------|--|
| 153 | 99  | ТМ     | Trade mark sign                            |
| 154 | 9A  | š      | Latin small letter S with caron            |
| 155 | 9B  | >      | Single right-pointing angle quotation mark |
| 156 | 9C  | œ      | Latin small ligature oe                    |
| 157 | 9D  |        |  |
| 158 | 9E  | ž      | Latin small letter z with caron            |
| 159 | 9F  | Ÿ      | Latin capital letter Y with diaeresis      |
| 160 | A0  |        | Non-breaking space                         |
| 161 | A1  | i      | Inverted exclamation mark                  |
| 162 | A2  | ¢      | Cent sign                                  |
| 163 | А3  | £      | Pound sign                                 |
| 164 | A4  | ¤      | Currency sign                              |
| 165 | A5  | ¥      | Yen sign                                   |
| 166 | A6  |        | Pipe, Broken vertical bar                  |
| 167 | A7  | Ş      | Section sign                               |
| 168 | A8  |        | Spacing diaeresis - umlaut                 |
| 169 | A9  | ©      | Copyright sign                             |
| 170 | AA  | а      | Feminine ordinal indicator                 |
| 171 | AB  | «      | Left double angle quotes                   |
| 172 | AC  | Г      | Not sign                                   |
| 173 | AD  |        | Soft hyphen                                |
| 174 | AE  | ®      | Registered trade mark sign                 |
| 175 | AF  | -      | Spacing macron - overline                  |
| 176 | В0  | 0      | Degree sign                                |
| 177 | B1  | ±      | Plus-or-minus sign                         |
| 178 | B2  | 2      | Superscript two - squared                  |
| 179 | В3  | 3      | Superscript three - cubed                  |
| 180 | В4  | ,      | Acute accent - spacing acute               |
| 181 | B5  | μ      | Micro sign                                 |
| 182 | В6  |        | Pilcrow sign - paragraph sign              |
| 183 | В7  |        | Middle dot - Georgian comma                |
| 184 | В8  | ,      | Spacing cedilla                            |
| 185 | В9  | 1      | Superscript one                            |
| 186 | ВА  | 0      | Masculine ordinal indicator                |
| 187 | ВВ  | »      | Right double angle quotes                  |
| 188 | ВС  | 1/4    | Fraction one quarter                       |
| 189 | BD  | 1/2    | Fraction one half                          |
| 190 | BE  | 3/4    | Fraction three quarters                    |
| 191 | BF  | ċ      | Inverted question mark                     |
| 192 | C0  | À      | Latin capital letter A with grave          |
| 193 | C1  | Á      | Latin capital letter A with acute          |
| 194 | C2  | Â      | Latin capital letter A with circumflex     |
| 195 | C3  | Ã      | Latin capital letter A with tilde          |
| 196 | C4  | Ä      | Latin capital letter A with diaeresis      |
| 197 | C5  | Å      | Latin capital letter A with ring above     |
| 198 | C6  | Æ      | Latin capital letter AE                    |
| 199 | C7  | Ç      | Latin capital letter C with cedilla        |
| 200 | C8  | È      | Latin capital letter E with grave          |
| 201 | C9  | É      | Latin capital letter E with acute          |
| 202 | CA  | Ê      | Latin capital letter E with circumflex     |
| 203 | СВ  | Ë      | Latin capital letter E with diaeresis      |

| DEC | HEX | Symbol | Description                            |
|-----|-----|--------|--|
| 204 | CC  | ì      |  |
|     |     | ĺ      | Latin capital letter I with grave      |
| 205 | CD  | Î      | Latin capital letter I with acute      |
| 206 | CE  |        | Latin capital letter I with circumflex |
| 207 | CF  | Ï      | Latin capital letter I with diaeresis  |
| 208 | D0  | Ð      | Latin capital letter ETH               |
| 209 | D1  | Ñ      | Latin capital letter N with tilde      |
| 210 | D2  | Ò      | Latin capital letter O with grave      |
| 211 | D3  | Ó      | Latin capital letter O with acute      |
| 212 | D4  | Ô      | Latin capital letter O with circumflex |
| 213 | D5  | Õ      | Latin capital letter O with tilde      |
| 214 | D6  | Ö      | Latin capital letter O with diaeresis  |
| 215 | D7  | ×      | Multiplication sign                    |
| 216 | D8  | Ø      | Latin capital letter O with slash      |
| 217 | D9  | Ù      | Latin capital letter U with grave      |
| 218 | DA  | Ú      | Latin capital letter U with acute      |
| 219 | DB  | Û      | Latin capital letter U with circumflex |
| 220 | DC  | Ü      | Latin capital letter U with diaeresis  |
| 221 | DD  | Ý      | Latin capital letter Y with acute      |
| 222 | DE  | Þ      | Latin capital letter THORN             |
| 223 | DF  | ß      | Latin small letter sharp s - ess-zed   |
| 224 | E0  | à      | Latin small letter a with grave        |
| 225 | E1  | á      | Latin small letter a with acute        |
| 226 | E2  | â      | Latin small letter a with circumflex   |
| 227 | E3  | ã      | Latin small letter a with tilde        |
| 228 | E4  | ä      | Latin small letter a with diaeresis    |
| 229 | E5  | å      | Latin small letter a with ring above   |
| 230 | E6  | æ      | Latin small letter ae                  |
| 231 | E7  | Ç      | Latin small letter c with cedilla      |
| 232 | E8  | è      | Latin small letter e with grave        |
| 233 | E9  | é      | Latin small letter e with acute        |
| 234 | EA  | ê      | Latin small letter e with circumflex   |
| 235 | EB  | ë      | Latin small letter e with diaeresis    |
| 236 | EC  | ì      | Latin small letter i with grave        |
| 237 | ED  | ĺ      | Latin small letter i with acute        |
| 238 | EE  | î      | Latin small letter i with circumflex   |
| 239 | EF  | Ϊ      | Latin small letter i with diaeresis    |
| 240 | F0  | ð      | Latin small letter eth                 |
| 241 | F1  | ñ      | Latin small letter n with tilde        |
| 242 | F2  | ò      | Latin small letter o with grave        |
| 243 | F3  | ó      | Latin small letter o with acute        |
| 244 | F4  | ô      | Latin small letter o with circumflex   |
| 245 | F5  | õ      | Latin small letter o with tilde        |
| 246 | F6  | Ö      | Latin small letter o with diaeresis    |
| 247 | F7  | ÷      | Division sign                          |
| 248 | F8  | Ø      | Latin small letter o with slash        |
| 249 | F9  | ù      | Latin small letter u with grave        |
| 250 | FA  | ú      | Latin small letter u with acute        |
| 251 | FB  | û      | Latin small letter u with circumflex   |
| 252 | FC  | ü      | Latin small letter u with diaeresis    |
| 253 | FD  | ý      | Latin small letter y with acute        |
| 254 | FE  | þ      | Latin small letter thorn               |

| DEC | HEX | Symbol | Description                         |
|-----|-----|--------|-------------------------------------|
| 255 | FF  | ÿ      | Latin small letter y with diaeresis |