

Table 2-11 American Standard Code for Information Interchange (ASCII),
Standard No. X3.4-1968 of the American National Standards Institute.

| | | <i>b₆b₅b₄ (column)</i> | | | | | | | |
|---|------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <i>b₃b₂b₁b₀</i> | <i>Row (hex)</i> | <i>000 0</i> | <i>001 1</i> | <i>010 2</i> | <i>011 3</i> | <i>100 4</i> | <i>101 5</i> | <i>110 6</i> | <i>111 7</i> |
| 0000 | 0 | NUL | DLE | SP | 0 | @ | P | ' | p |
| 0001 | 1 | SOH | DC1 | ! | 1 | A | Q | a | q |
| 0010 | 2 | STX | DC2 | " | 2 | B | R | b | r |
| 0011 | 3 | ETX | DC3 | # | 3 | C | S | c | s |
| 0100 | 4 | EOT | DC4 | \$ | 4 | D | T | d | t |
| 0101 | 5 | ENQ | NAK | % | 5 | E | U | e | u |
| 0110 | 6 | ACK | SYN | & | 6 | F | V | f | v |
| 0111 | 7 | BEL | ETB | ' | 7 | G | W | g | w |
| 1000 | 8 | BS | CAN | (| 8 | H | X | h | x |
| 1001 | 9 | HT | EM |) | 9 | I | Y | i | y |
| 1010 | A | LF | SUB | * | : | J | Z | j | z |
| 1011 | B | VT | ESC | + | ; | K | [| k | { |
| 1100 | C | FF | FS | , | < | L | \ | l | |
| 1101 | D | CR | GS | - | = | M |] | m | } |
| 1110 | E | SO | RS | . | > | N | ~ | n | ~ |
| 1111 | F | SI | US | / | ? | O | _ | o | DEL |

Control codes

| | | | |
|-----|---------------------|-----|-----------------------|
| NUL | Null | DLE | Data link escape |
| SOH | Start of heading | DC1 | Device control 1 |
| STX | Start of text | DC2 | Device control 2 |
| ETX | End of text | DC3 | Device control 3 |
| EOT | End of transmission | DC4 | Device control 4 |
| ENQ | Enquiry | NAK | Negative acknowledge |
| ACK | Acknowledge | SYN | Synchronize |
| BEL | Bell | ETB | End transmitted block |
| BS | Backspace | CAN | Cancel |
| HT | Horizontal tab | EM | End of medium |
| LF | Line feed | SUB | Substitute |
| VT | Vertical tab | ESC | Escape |
| FF | Form feed | FS | File separator |
| CR | Carriage return | GS | Group separator |
| SO | Shift out | RS | Record separator |
| SI | Shift in | US | Unit separator |
| SP | Space | DEL | Delete or rubout |