| Bits $b_7 b_6 b_5$ → | | | | | 000 | 001 | 010 | 011 | 100 | 101 | 110 | 111 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $b_4$ | $b_3$ | $b_2$ | $b_1$ | Row ↓ Column → | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 0 | 0 | 0 | 0 | 0 | NUL | DLE | SP | 0 | @ | P | ` | p |
| 0 | 0 | 0 | 1 | 1 | SOH | DC1 | ! | 1 | A | Q | a | q |
| 0 | 0 | 1 | 0 | 2 | STX | DC2 | " | 2 | B | R | b | r |
| 0 | 0 | 1 | 1 | 3 | ETX | DC3 | # | 3 | C | S | c | s |
| 0 | 1 | 0 | 0 | 4 | EOT | DC4 | $ | 4 | D | T | d | t |
| 0 | 1 | 0 | 1 | 5 | ENQ | NAK | % | 5 | E | U | e | u |
| 0 | 1 | 1 | 0 | 6 | ACK | SYN | & | 6 | F | V | f | v |
| 0 | 1 | 1 | 1 | 7 | BEL | ETB | ' | 7 | G | W | g | w |
| 1 | 0 | 0 | 0 | 8 | BS | CAN | ( | 8 | H | X | h | x |
| 1 | 0 | 0 | 1 | 9 | HT | EM | ) | 9 | I | Y | i | y |
| 1 | 0 | 1 | 0 | A | LF | SUB | * | : | J | Z | j | z |
| 1 | 0 | 1 | 1 | B | VT | ESC | + | ; | K | [ | k | { |
| 1 | 1 | 0 | 0 | C | FF | FS | , | < | L | \ | l | ¦ |
| 1 | 1 | 0 | 1 | D | CR | GS | — | = | M | ] | m | } |
| 1 | 1 | 1 | 0 | E | SO | RS | . | > | N | ^ | n | ~ |
| 1 | 1 | 1 | 1 | F | SI | US | / | ? | O | _ | o | DEL |