|  |  |  |
| --- | --- | --- |
| 1 | 00000 |  END |
| 2 | 00001 | a |
| 3 | 00010 | b |
| 4 | 00011 | c |
| 5 | 00100 | d |
| 6 | 00101 | e |
| 7 | 00110 | f |
| 8 | 00111 | g |
| 9 | 01000 | h |
| 10 | 01001 | i |
| 11 | 01010 | j |
| 12 | 01011 | k |
| 13 | 01100 | l |
| 14 | 01101 | m |
| 15 | 01110 | n |
| 16 | 01111 | o |
| 17 | 10000 | p |
| 18 | 10001 | q |
| 19 | 10010 | r |
| 20 | 10011 | s |
| 21 | 10100 | t |
| 22 | 10101 | u |
| 23 | 10110 | v |
| 24 | 10111 | w |
| 25 | 11000 | x |
| 26 | 11001 | y |
| 27 | 11010 | z |
| 28 | 11011 |   |
| 29 | 11100 | . |
| 30 | 11101 | ! |
| 31 | 11110 | ? |
| 32 | 11111 | , |

|  |  |
| --- | --- |
| D0 | N/A |
| D1 | MIDI |
| D2 | N/A |
| D3 | Photo read |
| D4 | Clock read |
| D5 | Data read |
| D6 | B1 stepper |
| D7 | A1 stepper |
| D8 | B2 stepper |
| D9 | A2 stepper |
| D10 | DOT CS |
| D11 | DOT DIN |
| D12 | DC motor enable |
| D13 | DOT CLK |

|  |  |
| --- | --- |
| A0 | Clock output |
| A1 | Data output |
| A2 | Photointerrupt output |
| A3 | N/A |
| A4 | Laser clock |
| A5 | Laser data |
| A6  | N/A |
| A7 | N/A |