Driver Control

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | A | B | C | Enable |
| Pin | D5 | D9 | D6 | D7 |

Current Sense

|  |  |  |
| --- | --- | --- |
| Function | Current A | Current B |
| Pin | A0 | A1 |

Encoder

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Function | A | B | I | G | + |
| Pin | D3 | D2 | D4 | GND | +5V |

I2C Encoder

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | + | SCL | SDA | - |
| Pin | +5V | A5 | A4 | GND |

\*Use A4 or A5 to read analog encoders.

Serial

Serial port is directly connected to the MCU. Use it to communicate with other systems or for programming.

\*Short the capacitor marked as blue BEFORE programming the board, and dis-short it when programming.

