

E1

E2

E3

E4

E5

E6

D1

D2

D3

D4

C1

C2

C3

*C4*

B1

B2

B3

B4

Table of Connections

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Part | Part Channel | Wire Color (Part 🡪 Shield) | Shield Input | Arduino Input |
| Cap | GND | Black 🡪 Black | B4 | GND |
| Cap | VDD | Red 🡪 Yellow | B3 | 5V |
| Cap | Out | White 🡪 Blue | C2 | D11 |
|  |  |  |  |  |
| Pulse | GND | Black | n/a | GND |
| Pulse | VDD | Red | n/a | 5V |
| Pulse | Out | Purple | n/a | A0 |
|  |  |  |  |  |
| L Acc | VDD | Red 🡪 Red | D4 | 3.3 V |
| L Acc | GND | Black 🡪 Black | D1 | GND |
| L Acc | X | Blue 🡪 Blue | B1 | D3 🡪 A1 |
| L Acc | Y |  |  |  |
| L Acc | Z | Yellow 🡪 Yellow | D2 | D10 🡪 A3 |
|  |  |  |  |  |
| R IMU | VDD | Red 🡪 Red | C4 | 3.3 V |
| R IMU | GND | Black 🡪 Black | E4 | GND |
| R IMU | SDA | Blue 🡪 Blue | B2 🡪 D2 | D2 🡪 A4 |
| R IMU | SCL | Yellow 🡪 Yellow | E1 | A2 🡪 A5 |

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