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| --- | --- | --- | --- |
| **PIN** | **IMU break out** | **Microcontroller board connection** | **Colors** |
| 1 | VCC | VCC + 5VR | orange |
| 2 | VCC | VCC + 5VR | yellow |
| 3 | DOUT | PA4 | green |
| 4 | SCLK | PA2 | blue |
| 5 | CS | PA3 | purple |
| 6 | DIN | PA5 | grey |
| 7 | RST | PA7 | white |
| 8 | DIO1 | PA6 | black |
| 9 | NC | NC |  |
| 10 | NC | NC |  |
| 11 | NC | NC |  |
| 12 | NC | NC |  |
| 13 | GND | GND | green |
| 14 | GND | GND | blue |

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