|  |  |  |
| --- | --- | --- |
|  | Signal pin | Power pin |
| Stepper | B7(pul),A8(dir) | N/a |
| L298N dc motor control | B12(EN),B13(IN1),B14(IN2) | N/A |
| Vibration sensor 1 | A5 | Pwr + gnd |
| Vibration sensor 2 | 10 | Pwr + gnd |
| Limit switch | A11 | Pwr + gnd |
| Encoder | B0, B1 | Pwr + gnd |
| Temperature sensor | B8, B9 |  |
| Load cell | B4, B5 |  |
| start | A3 | PWR |
| Stop | A1 |  |
| Bluetooth module | B6, B7, B3 | Pwr + gnd |
| Start LED | A15 |  |
| Stop LED |  |  |

VIB+TEMP+LOAD = PWR+GND