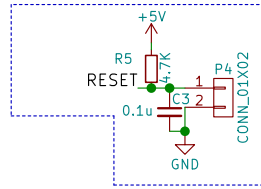
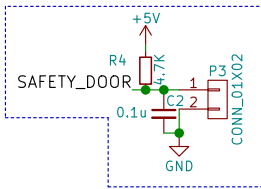
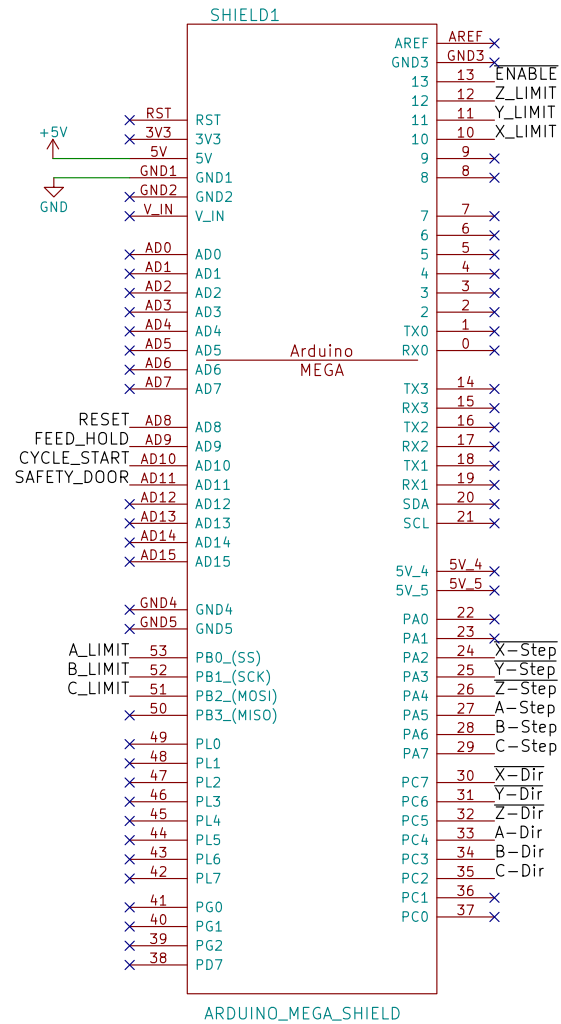
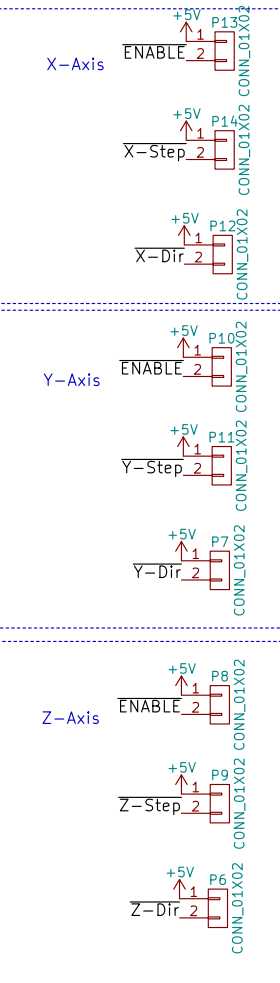


To Do:

- 1) separate logic and motor grounds?
- 2) more limit switches?
- 3) E-stop??
- 4) Verify motor voltage is +12V (sizing of LED resistor)
- 5) Reset button on RST pin?

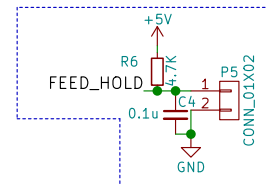
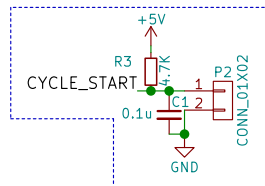
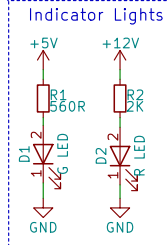
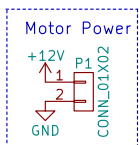
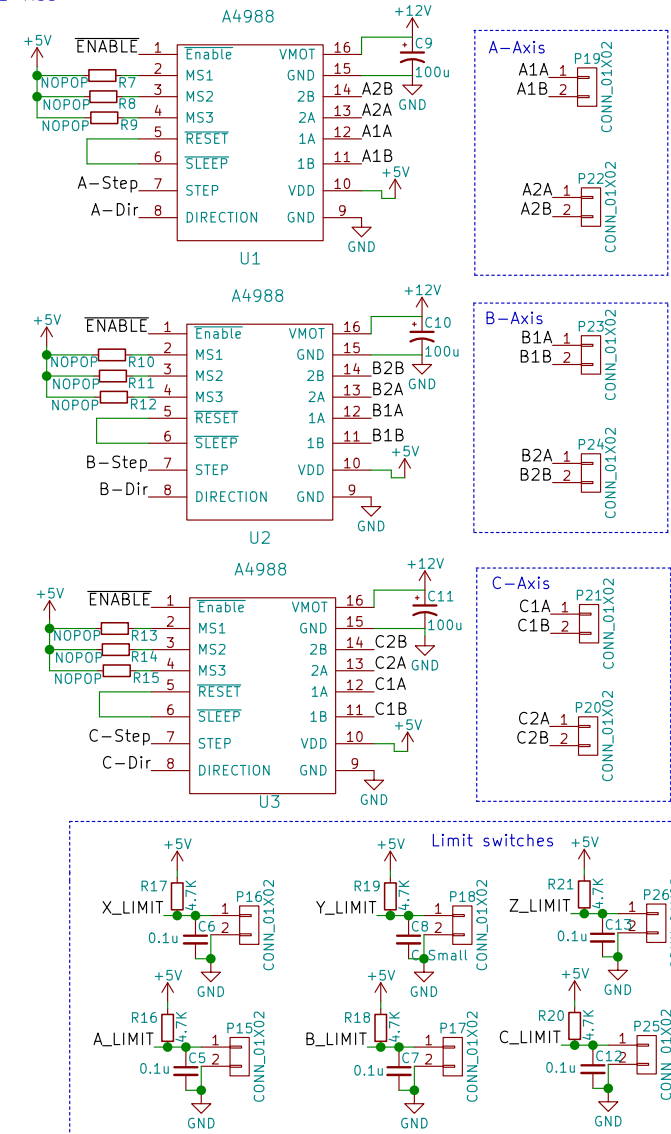


Connections to the X/Y/Z Large Stepper Controllers



Consider Copal S-1011A rotary dip switch for MS1-MS3

Note: Populate MS1, MS2, and MS3 NOPOP resistors as required achieve the desired microstepping. Sense resistors are 0.1R.



Sheet: /
File: ArduinoMegaShield.sch

Title: Arduino Mega Control Shield for Killer Robot Arm

Size: A Date: 2017-07-21
KiCad E.D.A. kicad 4.0.5

Rev: 0
Id: 1/1