

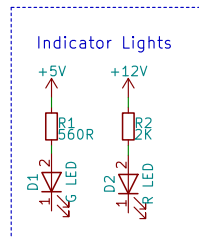
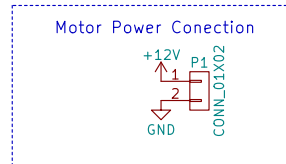
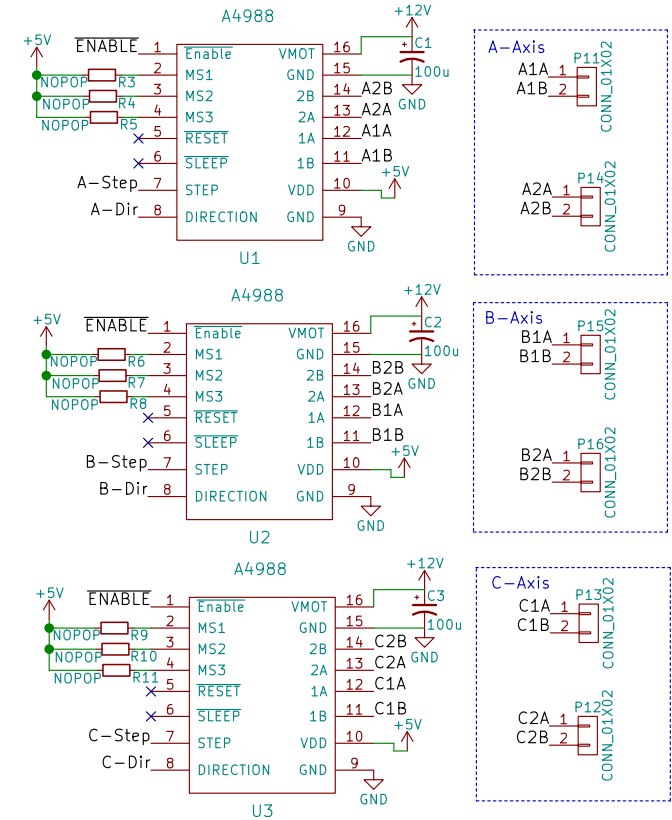
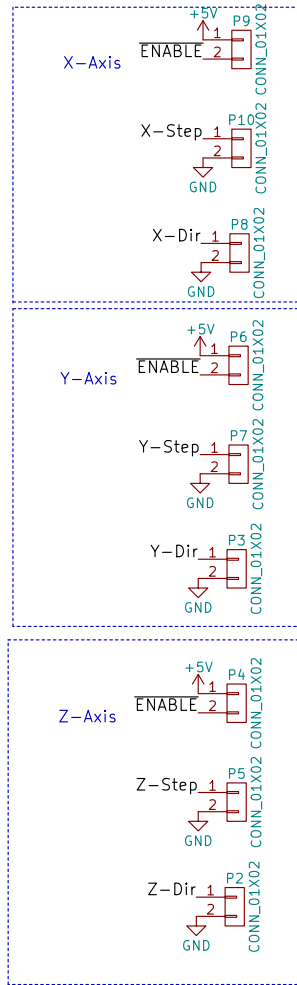
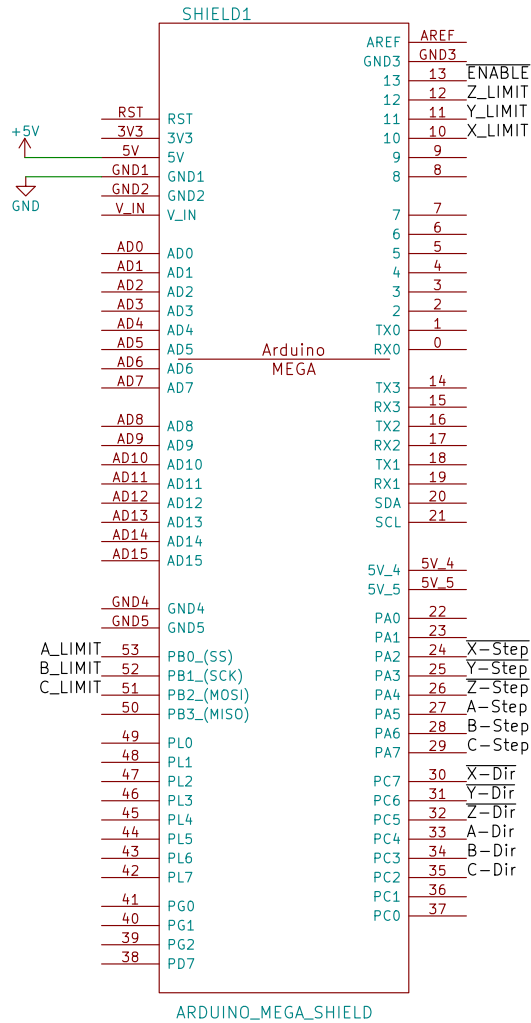
# To Do:

- 1) LED power indicators for 5V and 12V
- 2) separate logic and motor grounds?
- 3) more limit switches?
- 4) E-stop??

Connections to the X/Y/Z  
Large Stepper Controllers

\*\*\*Negative Logic – Drive signals low to actuate\*\*\*\*

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



Sheet: /		
File: ArduinoMegaShield.sch		
<b>Title: Arduino Mega Control Shield for Killer Robot Arm</b>		
Size: A	Date: 2017-07-21	Rev: 0
KiCad E.D.A. kicad 4.0.5		Id: 1/1