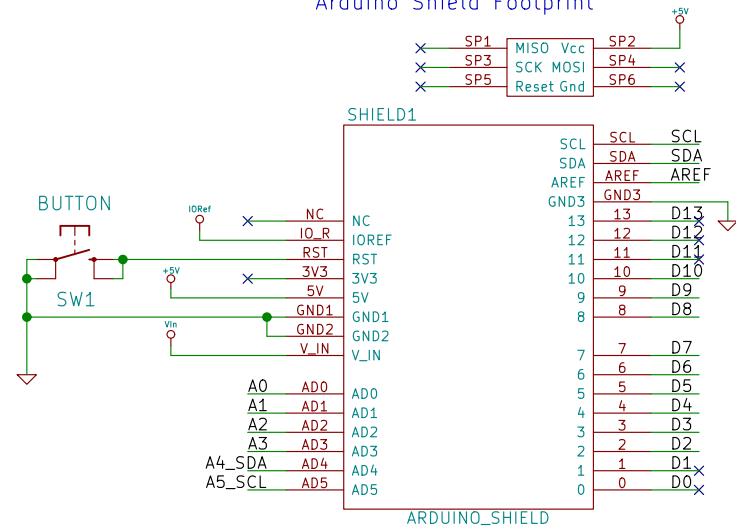
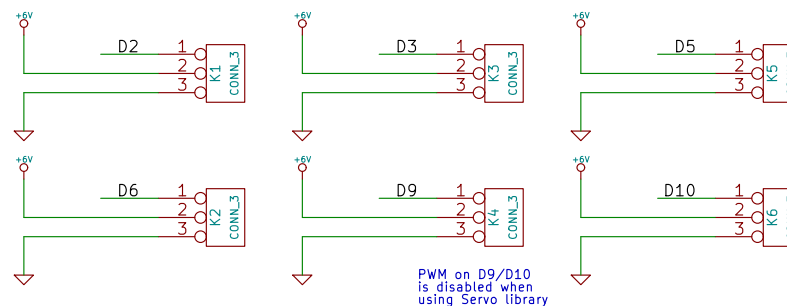


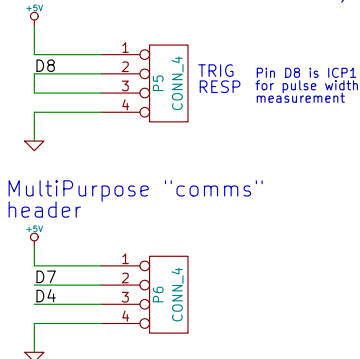
## Arduino Shield Footprint



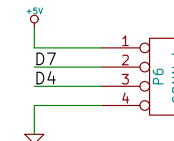
## "Servo" Headers (signal, power, ground)



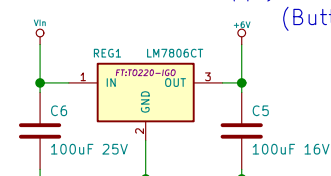
## SR04 Ultrasonic Distance Sensor (Mounted near "front" of board)



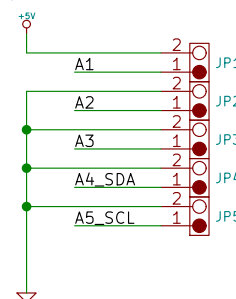
## MultiPurpose "comms" header



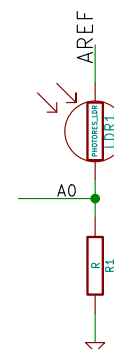
## Servo 6V Power Supply



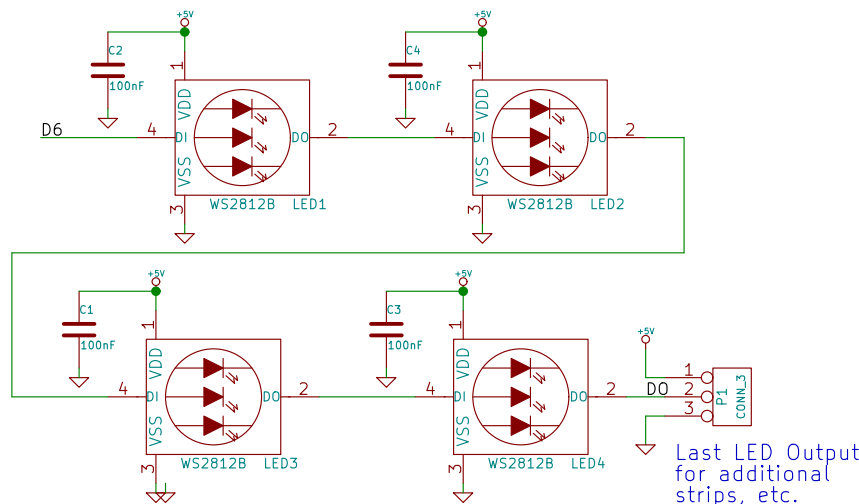
## Screw Terminal Bank (Button Inputs or Generic/i2c Outputs) (Mounted near "front" of board, can bend off edge)



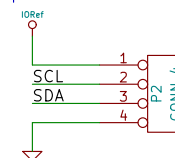
## Ambient Light LDR



## WS2812B RGB LEDs (Place one on each corner of board)



## Optional Breakout: IMU9 Module



Sheet: /

File: simplebot\_shield.sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad (2014-11-09 BZR 5259)-product

**Rev:**

Id: 1/1