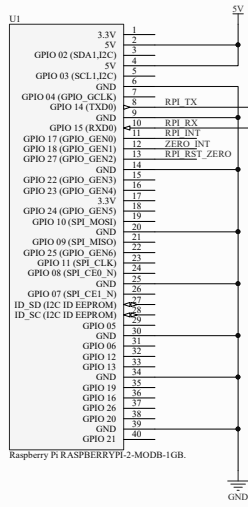
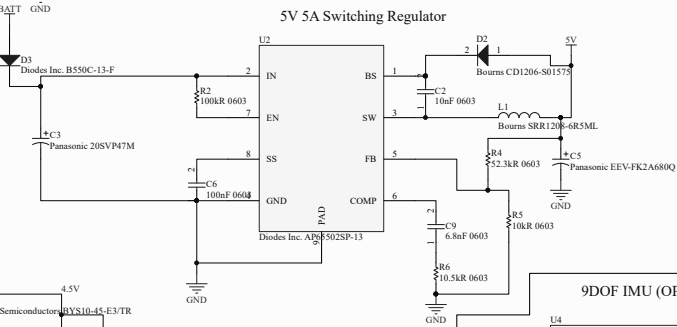


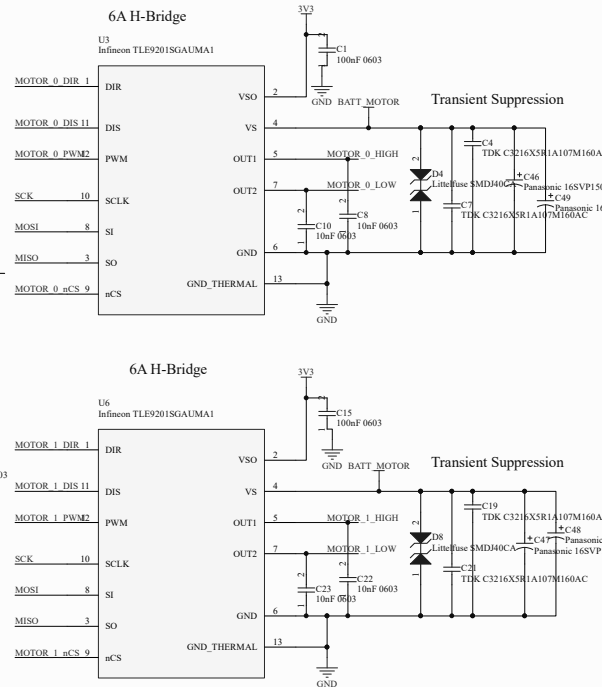
### RPI HEADER



### POWER SUPPLY



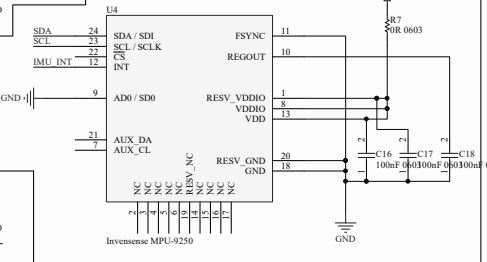
### MOTOR CONTROLLERS



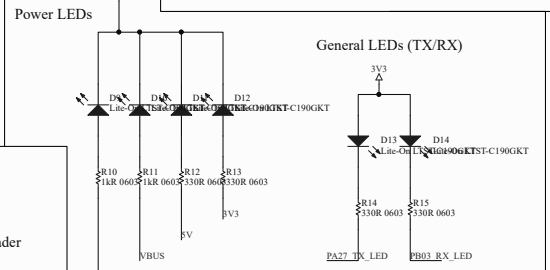
### Reverse + Flyback



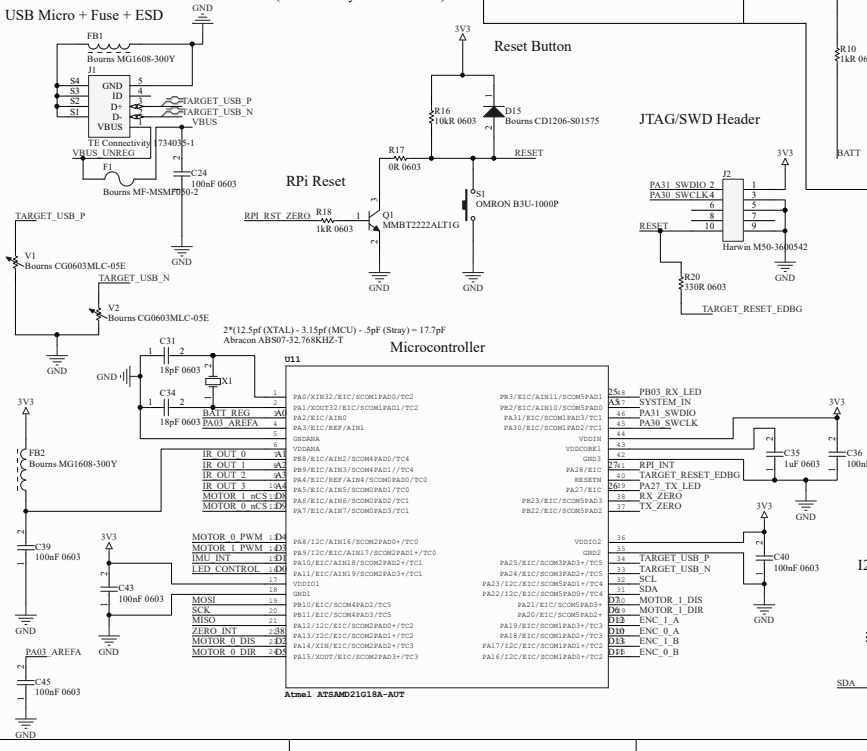
### 9DOF IMU (OPTIONAL, DO NOT PLACE)



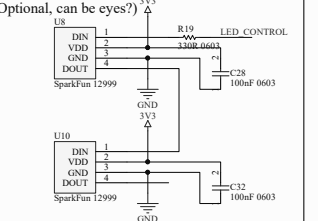
### LEDS



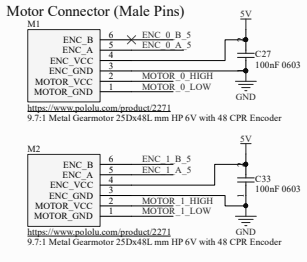
### MICROCONTROLLER (Functionally Arduino Zero)



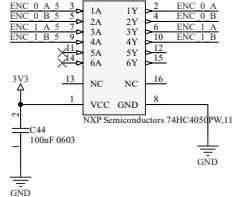
### ADDRESSABLE RGB LEDS



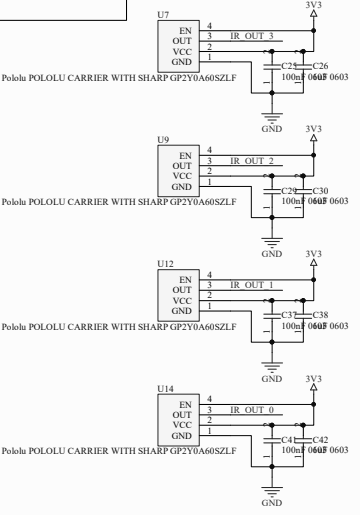
### MOTORS + ENCODERS



### Level Shifter 5V to 3.3V



### IR SENSORS



### ECCS 452 DOGBOT

Size	Number	Revision
C	V1-110316	A
Date:	11/03/2016	Sheet 1 of 1
File:	DOGBOT_MAIN.SchDoc	Drawn By: Jonathan Zarzer