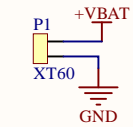


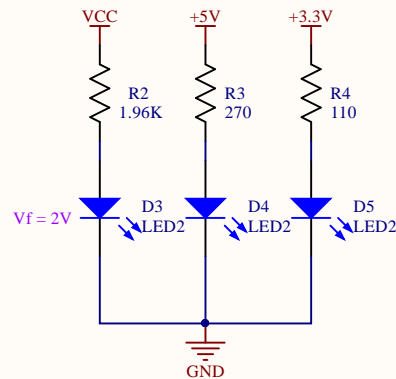
## Battery Connector



6S LiPo: 22.2V-25.2V

## LEDs

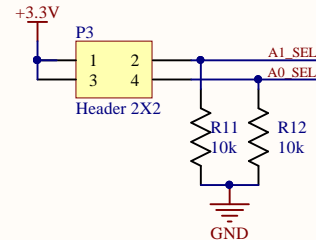
~10mA to 15mA through each



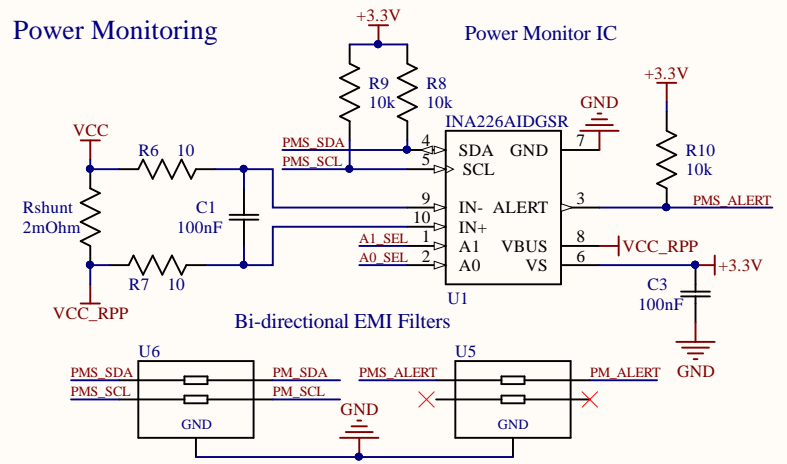
## INA226 Slave Address Selector

Jumpers used to connect 1->2 and 3->4. Pull-downs to pull to GND if jumpers not connected.

A1=A0=GND, Slave address is 1000000



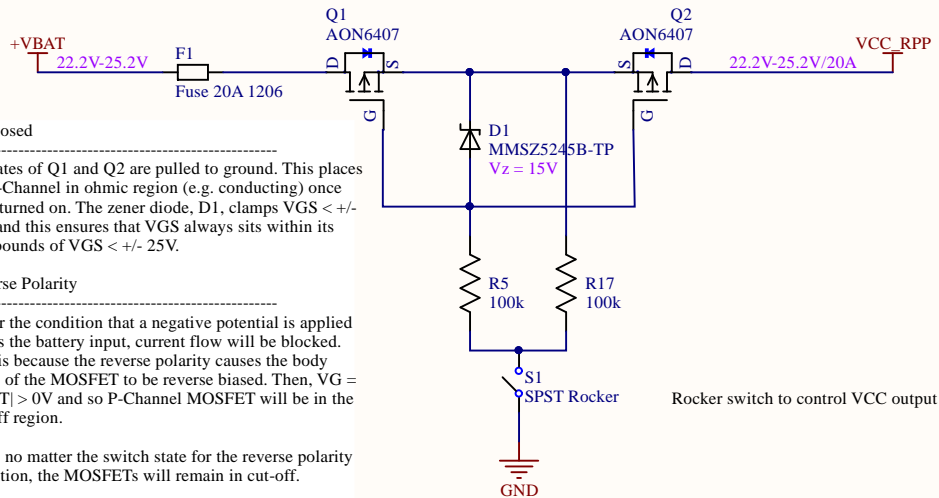
## Power Monitoring



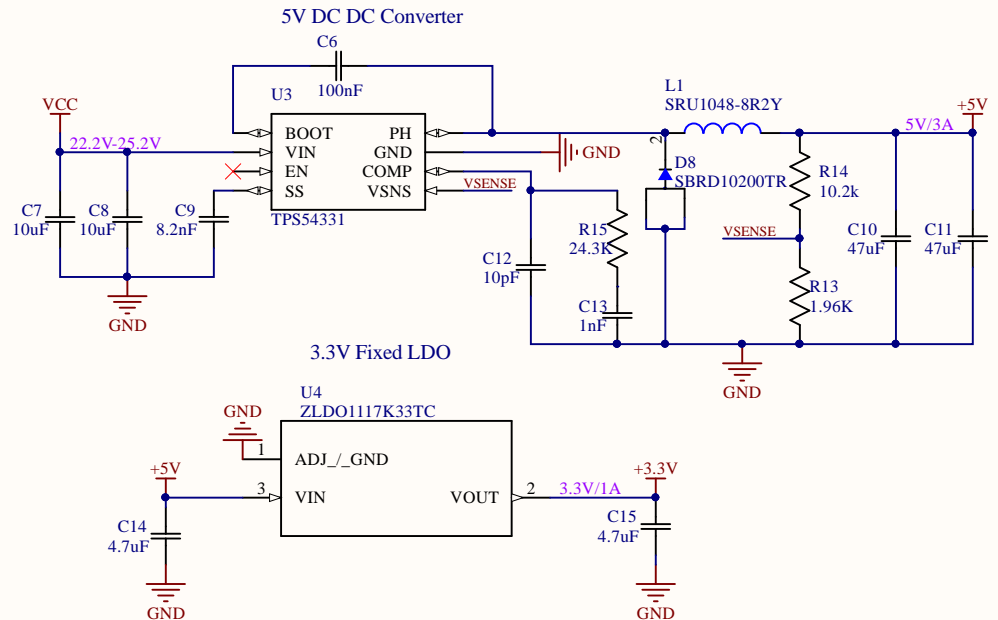
## Power Monitor IC

### Bi-directional EMI Filters

## Reverse Polarity Protection

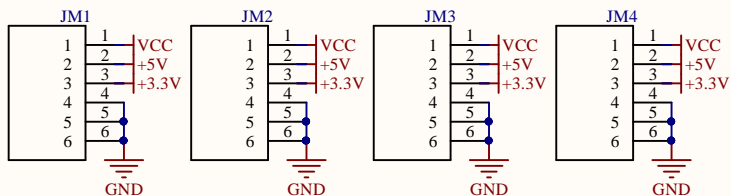


## Voltage Regulation



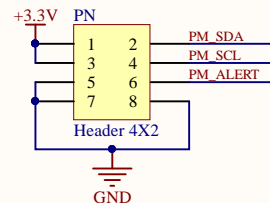
## Motor Connectors

VCC for motor windings, +5V for Hall sensors



## Nucleo Connector

Power monitor lines and +3.3V for Nucleo



Title		
Power Distribution - 2nd Revision		
Size	Number	Revision
A4		2
Date:	2020-01-10	Sheet of
File:	C:\Users\...\PowerBoard_Rev2.SchDoc	Drawn By: Hannah Sawiuk

