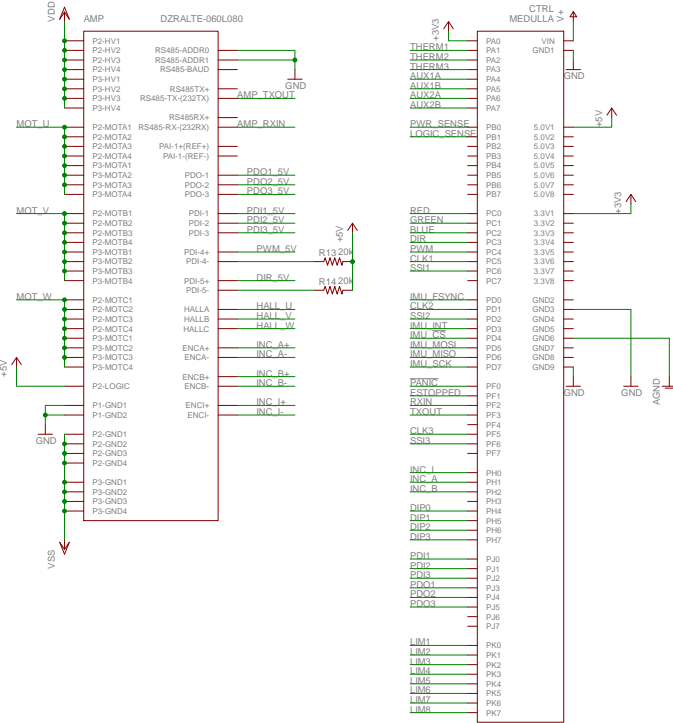
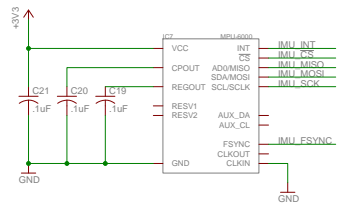


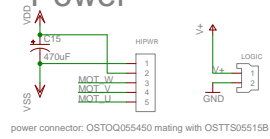
Stacking Board Connectors



IMU Feedback



Power

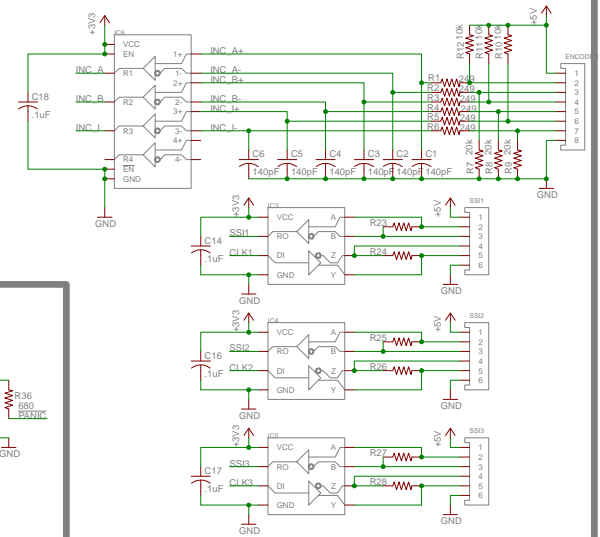


Conventions:

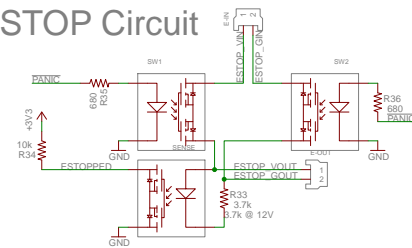
- VDD/VSS - motor power/gnd
- V+/GND - logic power -- limited by medulla's input
- +5V/GND - 5V reg
- +3V3/GND - 3.3V reg
- AGND used for analog signal gnd

Recommend +12V for LOGIC V+

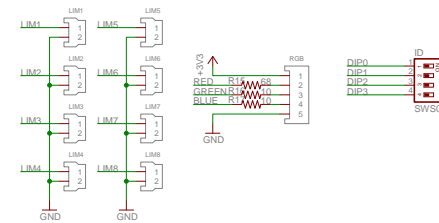
Encoder Translation



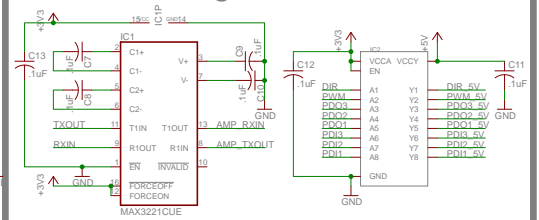
E-STOP Circuit



Digital Feedback

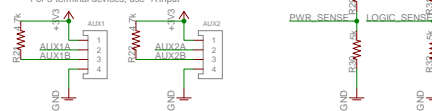


Level Shifting



Analog Feedback

Resistance values for all Dividers may vary
Allowed signal range: 0-3.3V
For 2-terminal variable resistance devices, use *B input
For 3-terminal devices, use *A input



Motor Connections

