

## General Conventions:

Signal names beginning with a '/' are active low

Unless Specified Otherwise:

All resistors are 1% metal film, 1/10W, in 0603 package

All non-polarized capacitors are ceramic, in 0603 package

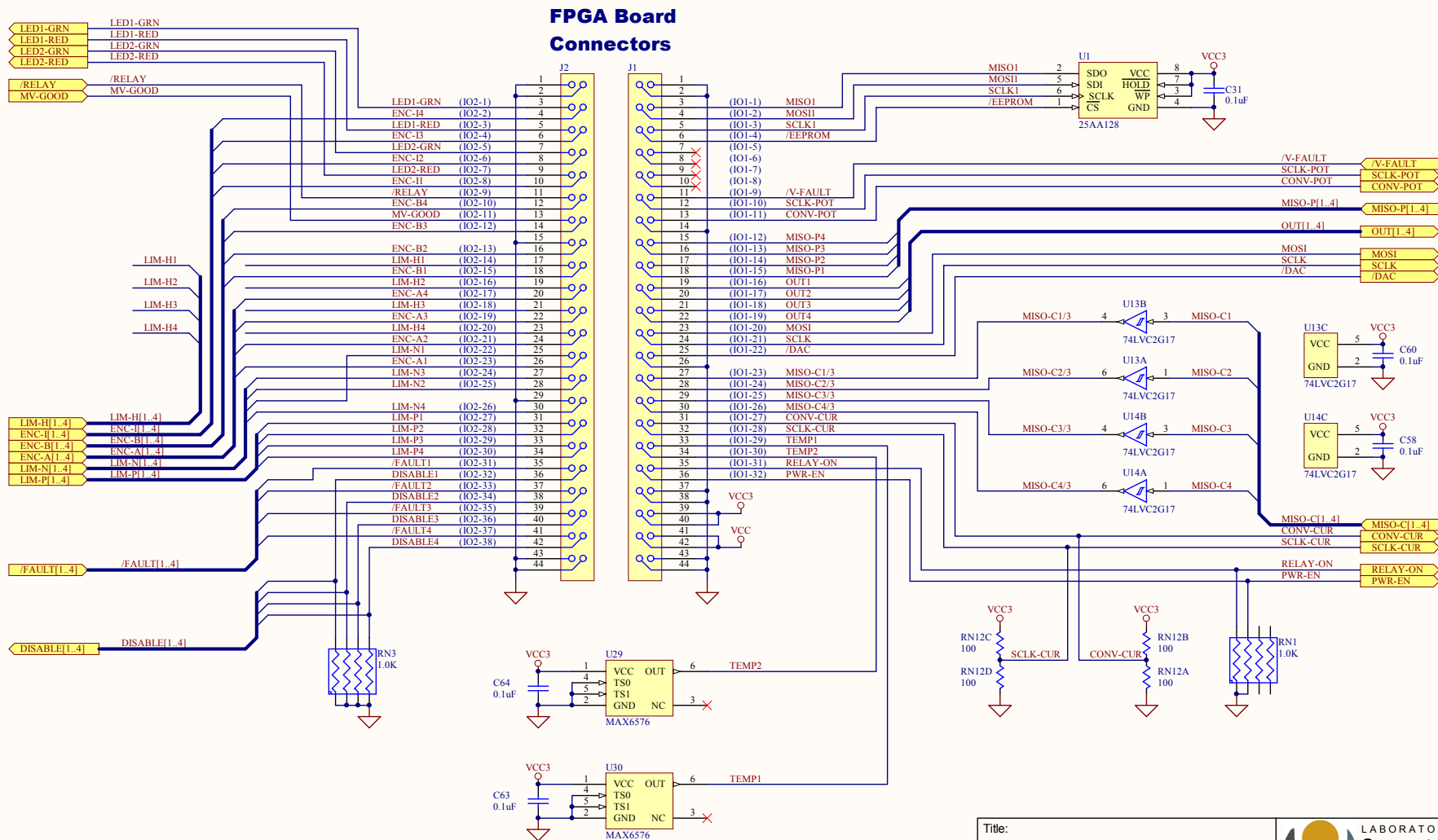
All ceramic capacitors up to and including 1,000pF are NPO, 50V or higher, 5% or better

All ceramic capacitors over 1,000pF up to and including 1.0uF are X7R, 16V or higher, 10% or better

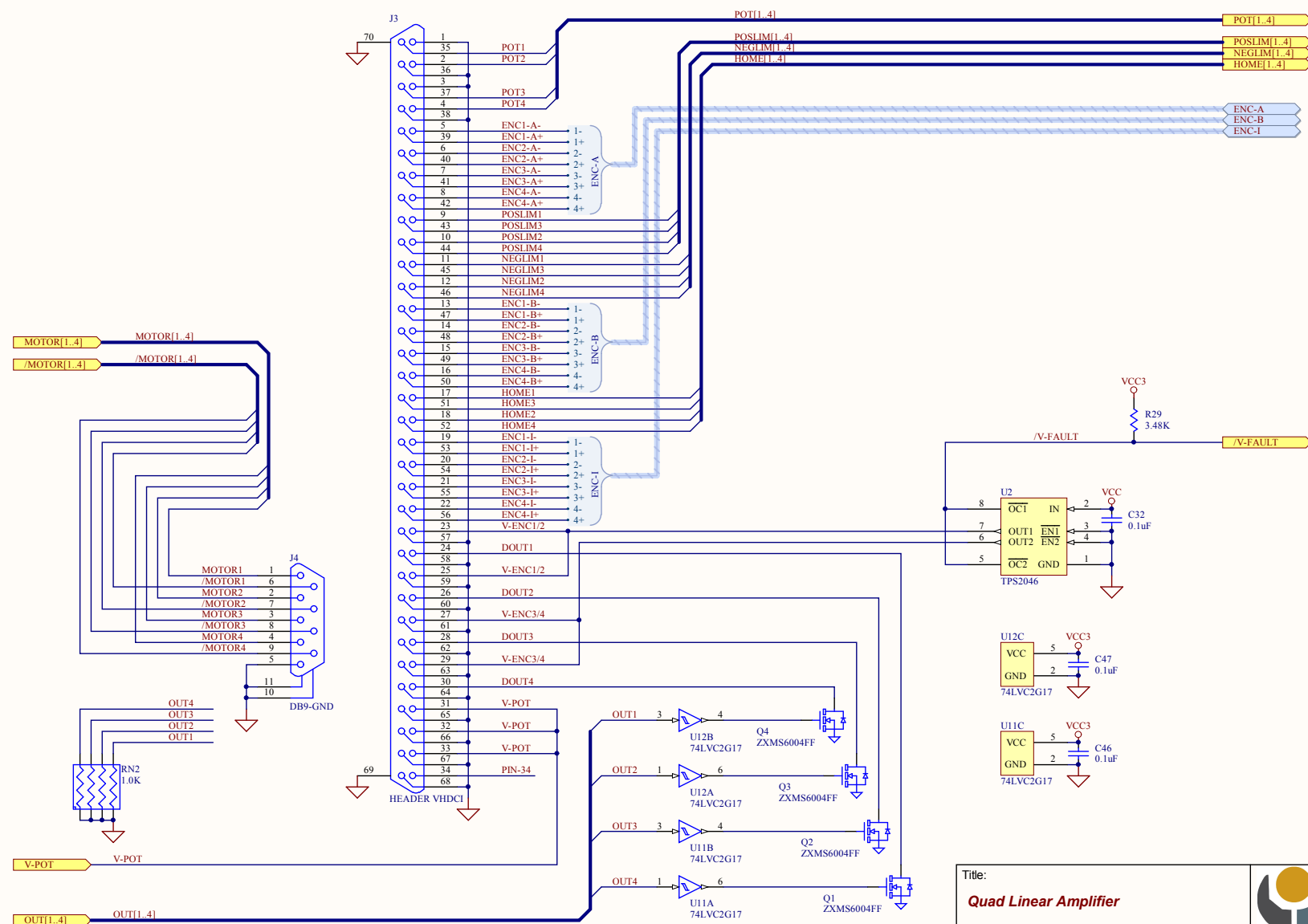
All ceramic capacitors over 1.0uF are of the specified type and voltage

All polarized capacitors are of the specified type and voltage

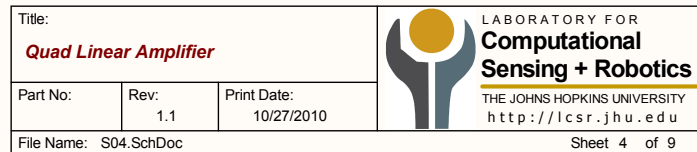
# FPGA Board, EEPROMs & Temperature Sensors



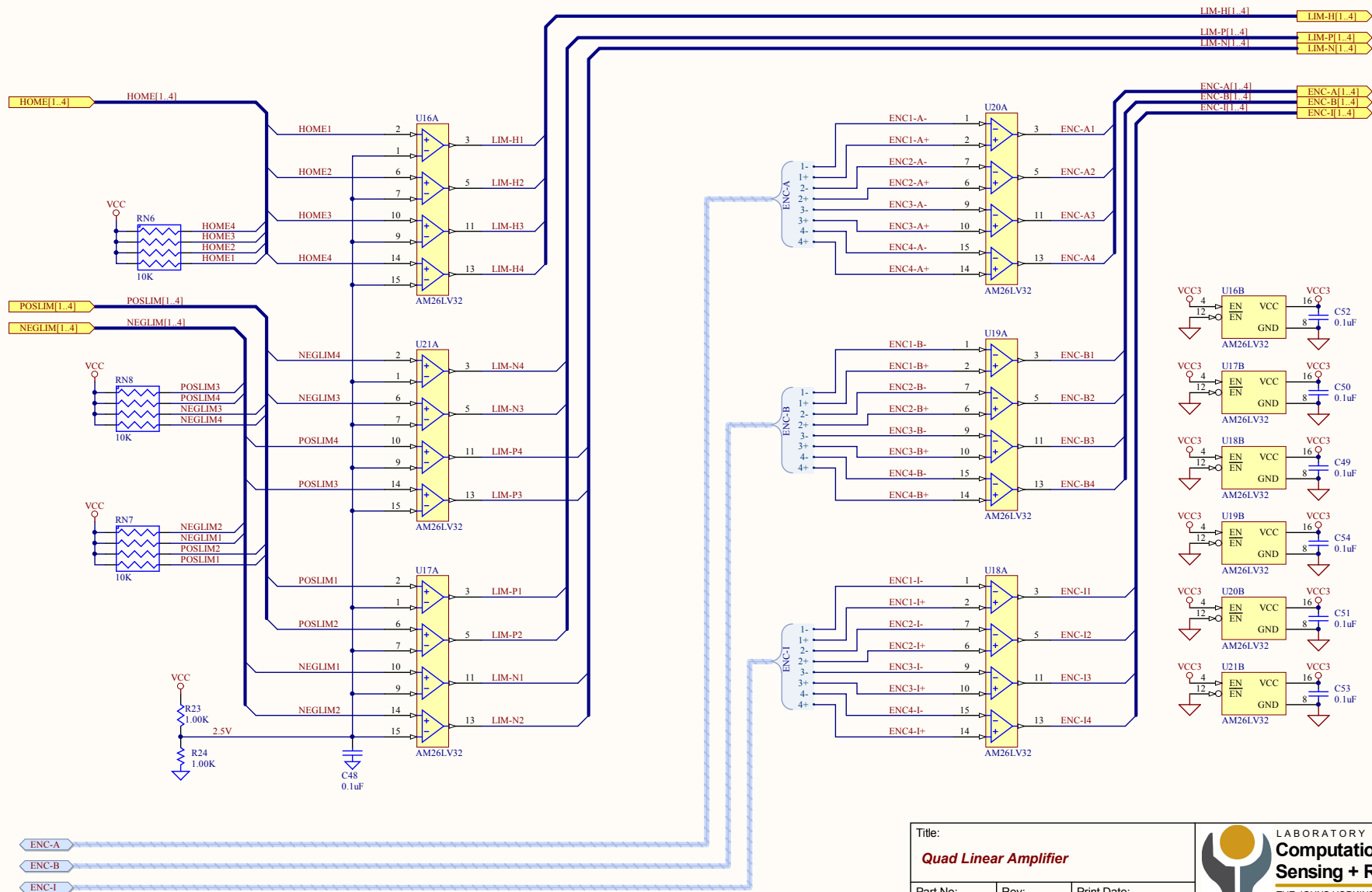
# Robot Connectors



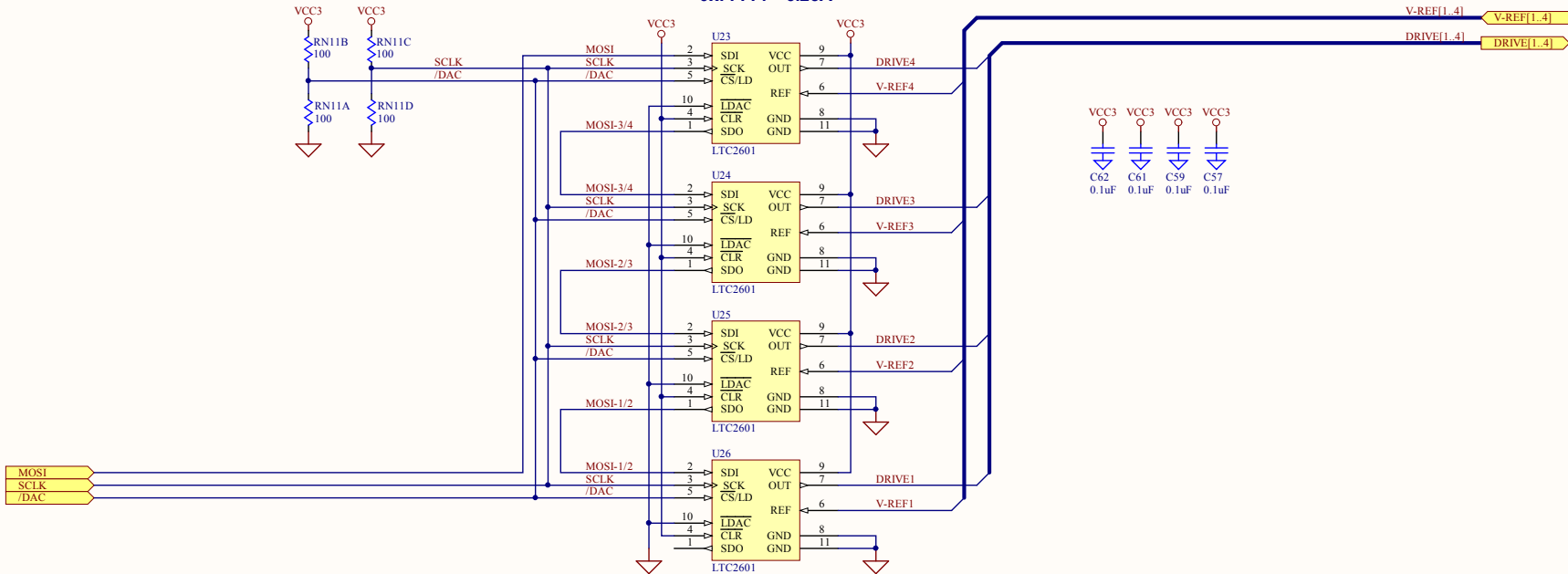
Fc: 60Hz  
Gain: 1.000  
Type: Butterworth



# Encoder & Limit Switch Interface



## Drive DACs



Quad Linear Amplifier

9

REV.  
1.1

Title: ***Quad Linear Amplifier***

Part No:	Rev: 1.1	Print Date: 10/27/2010
----------	-------------	---------------------------

File Name: S06.SchDoc

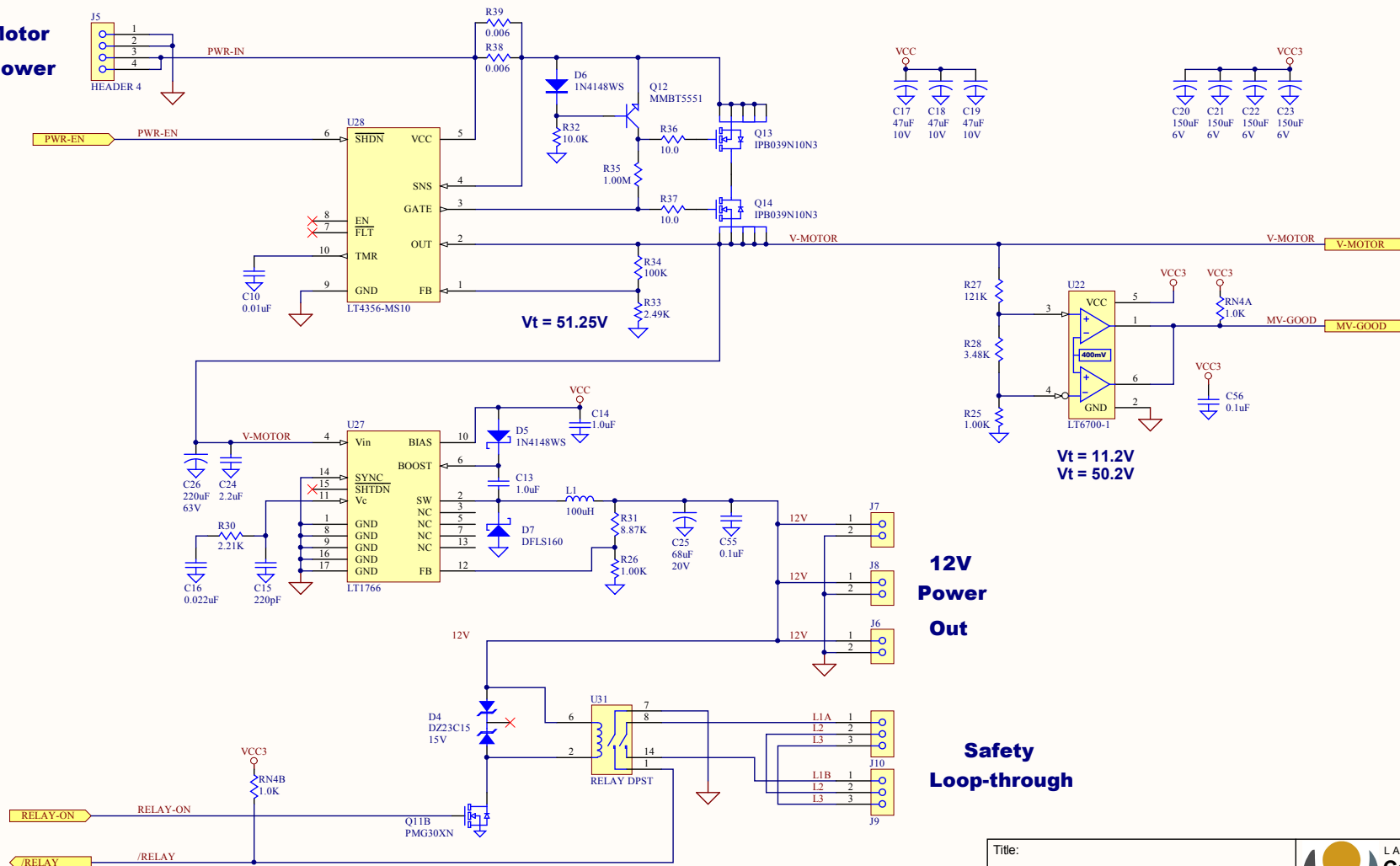


LABORATORY FOR  
**Computational  
Sensing + Robotics**  
THE JOHNS HOPKINS UNIVERSITY  
<http://lcsr.jhu.edu>

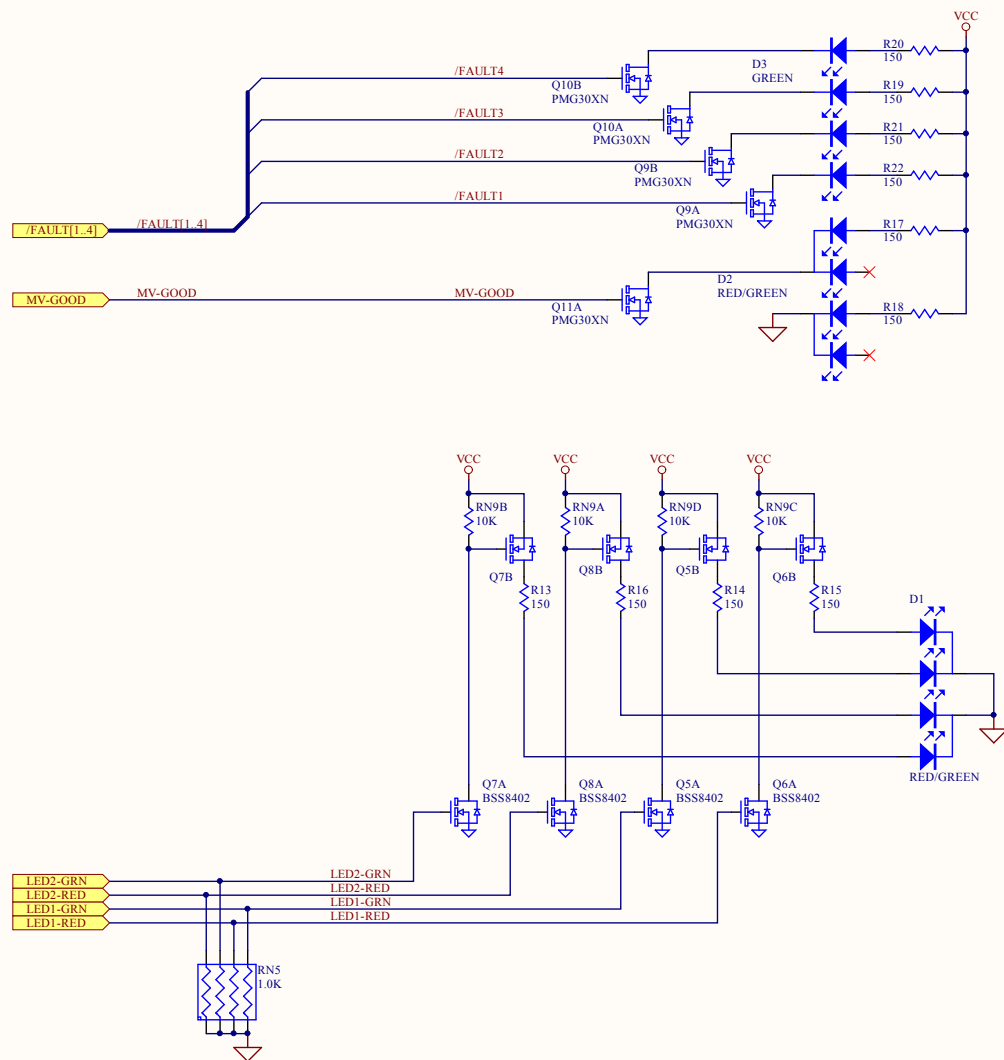
Sheet 6 of 9

# Power Connectors, Power Supplies

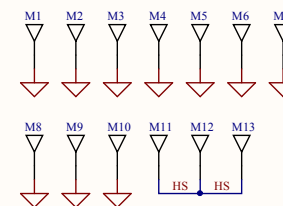
**Motor Power**



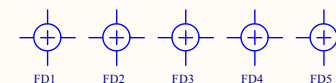
# LEDs



## Mounting Holes



## Fiducials





# Motor Driver

