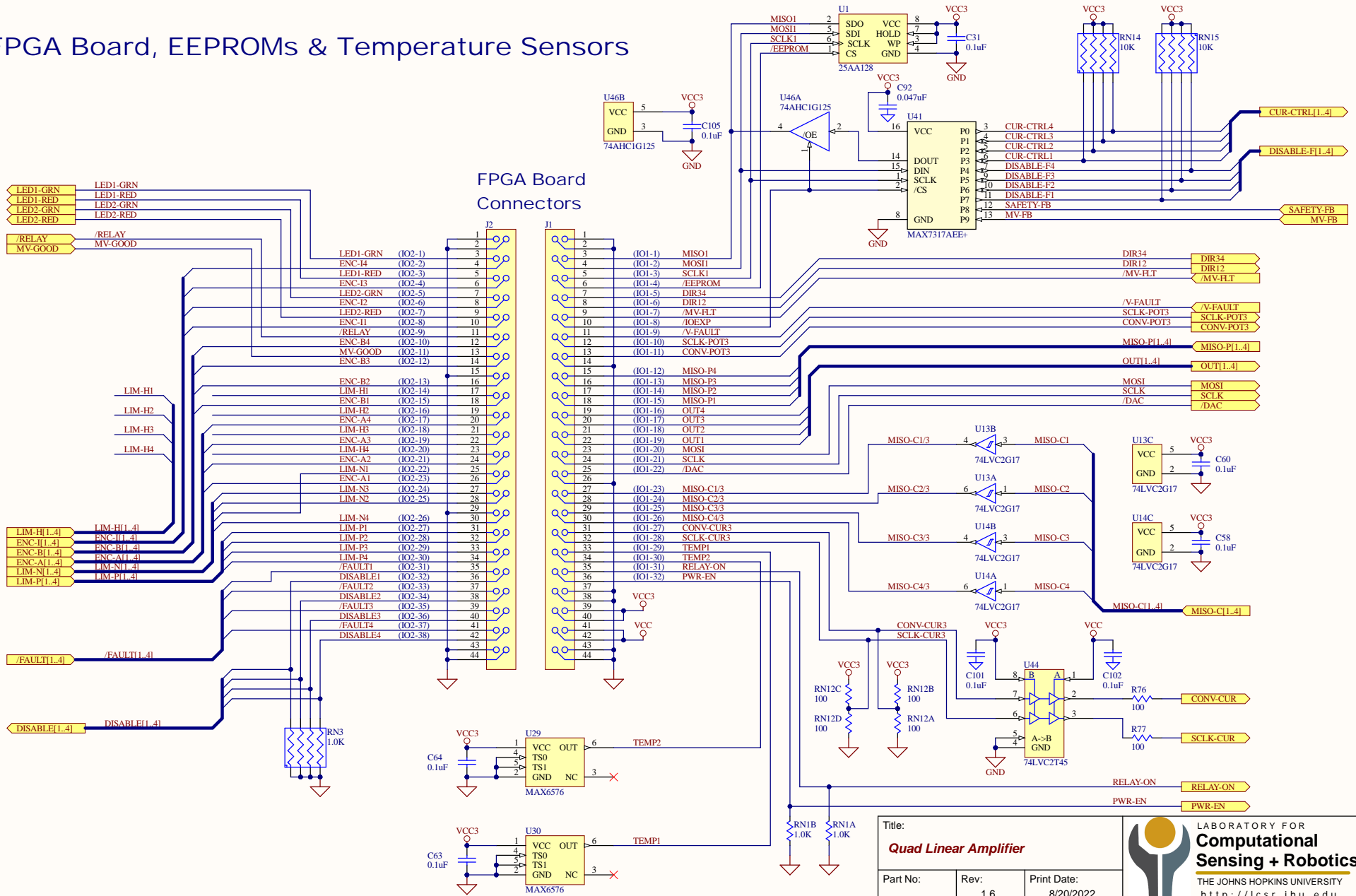
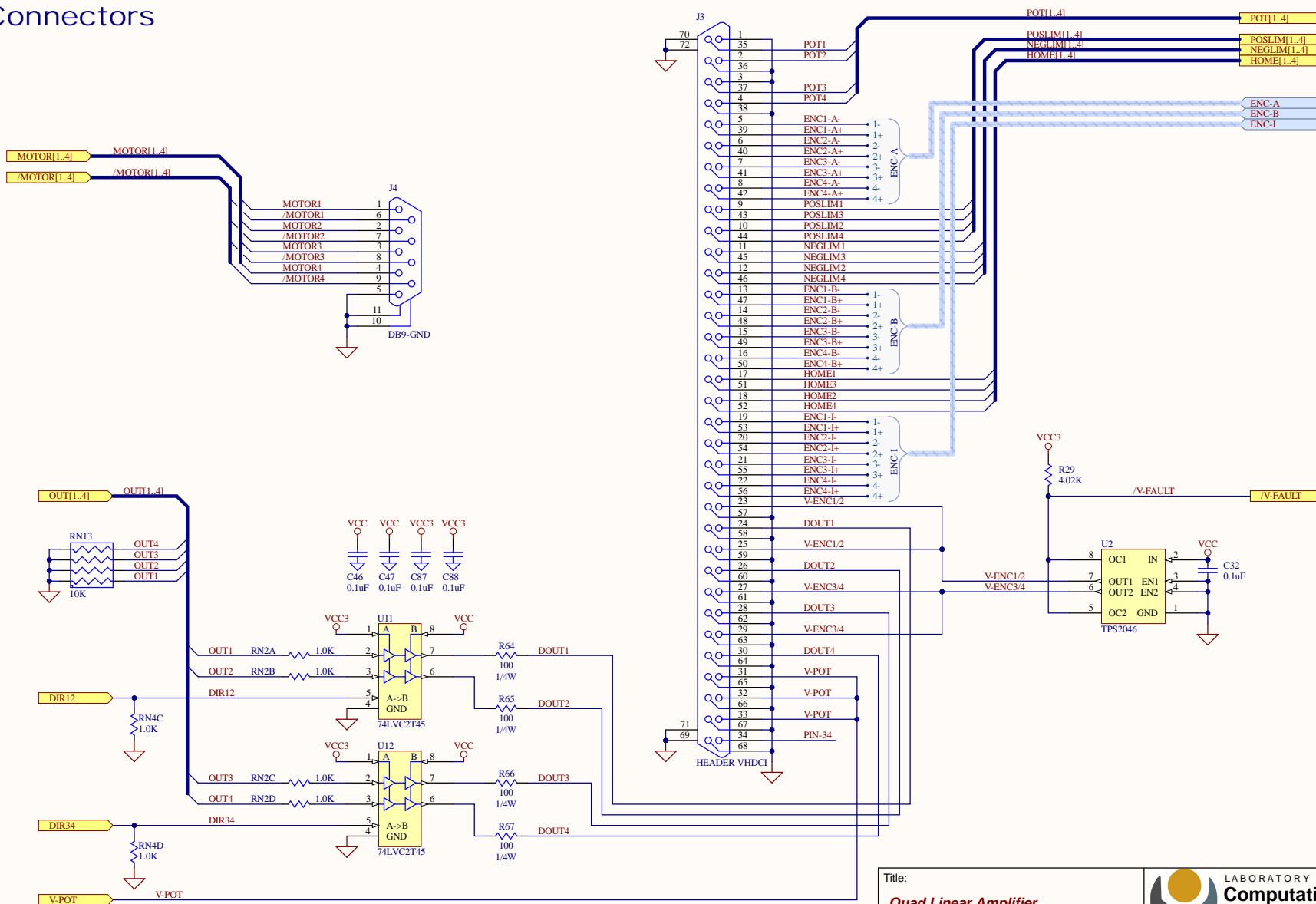


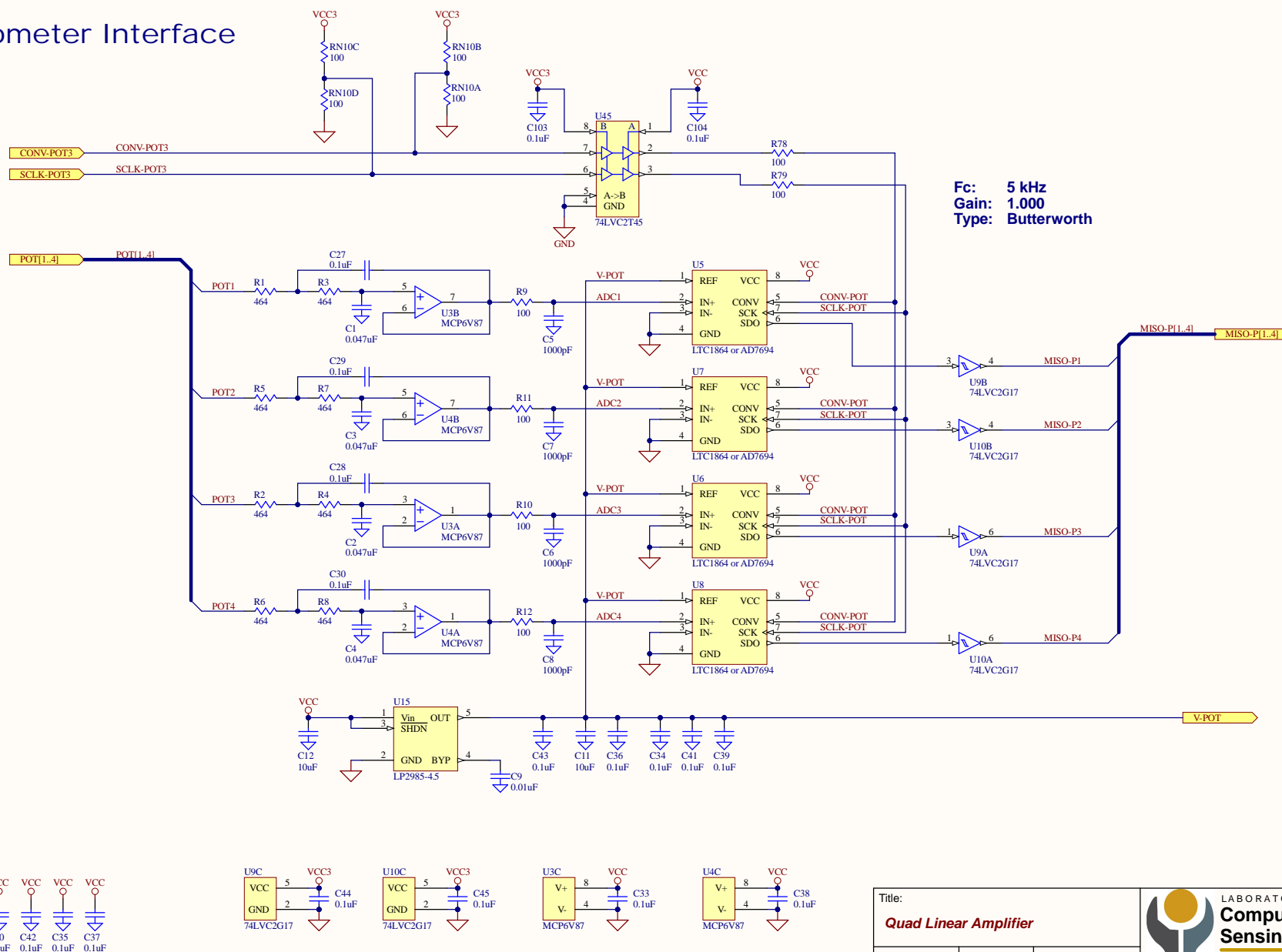
# FPGA Board, EEPROMs & Temperature Sensors



# Robot Connectors



# Potentiometer Interface



Drawing Title:  
Quad Linear Amplifier

Sheet  
4

Rev  
1.6

Title:  
**Quad Linear Amplifier**

Part No:

Rev:  
1.6

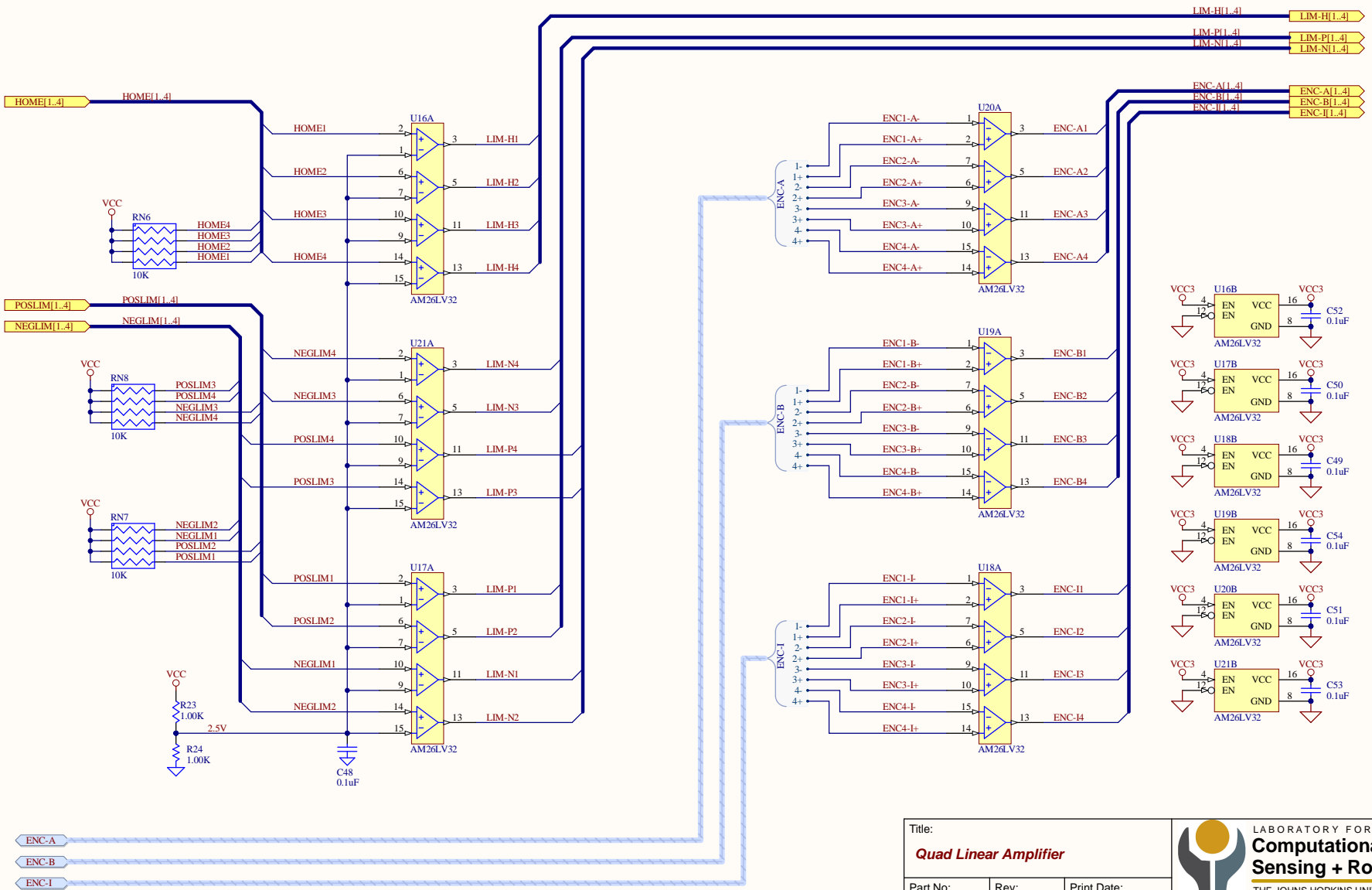
Print Date:  
8/20/2022

File Name: S04.SchDoc



Sheet 4 of 9

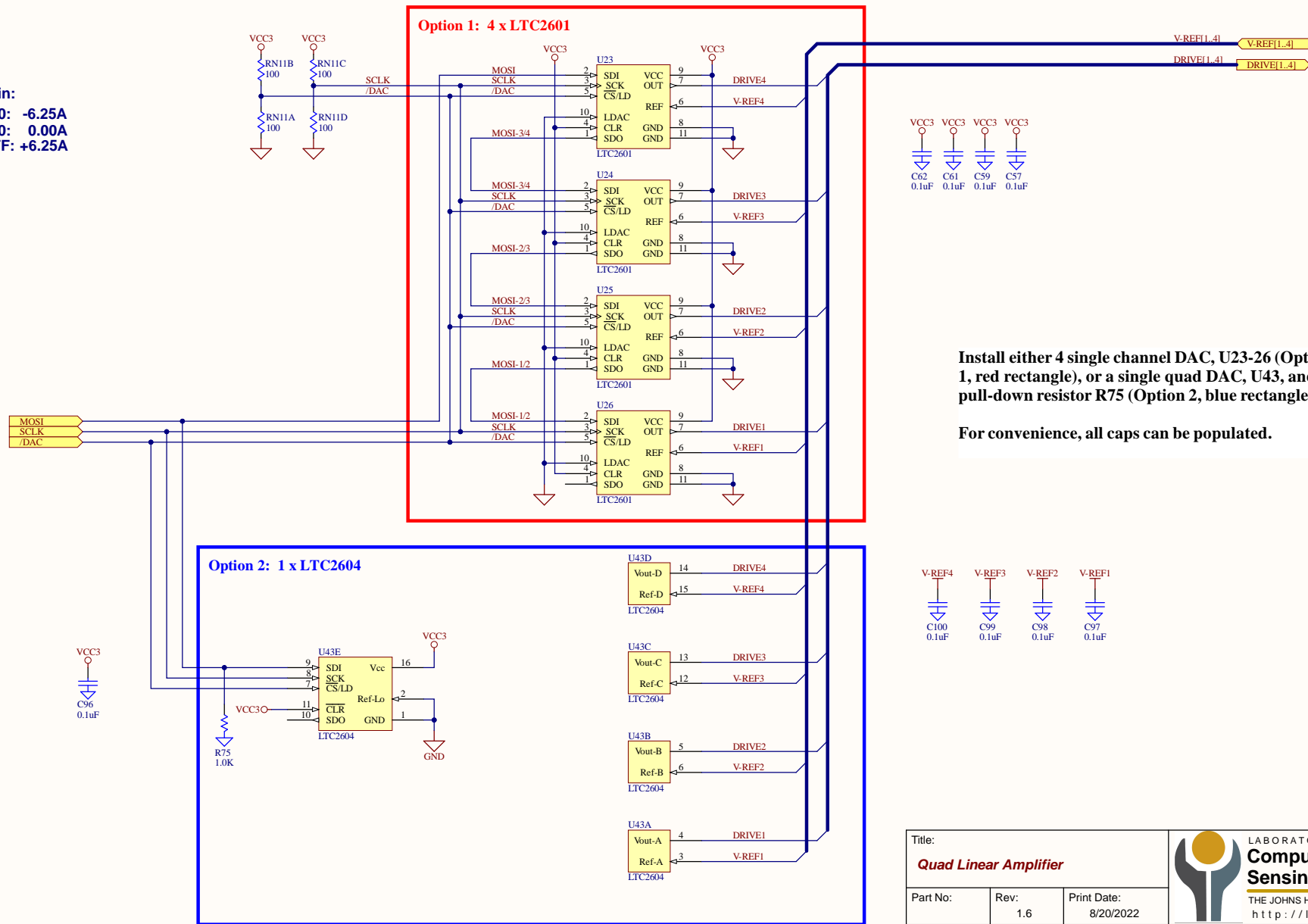
Encoder & Limit Switch Interface



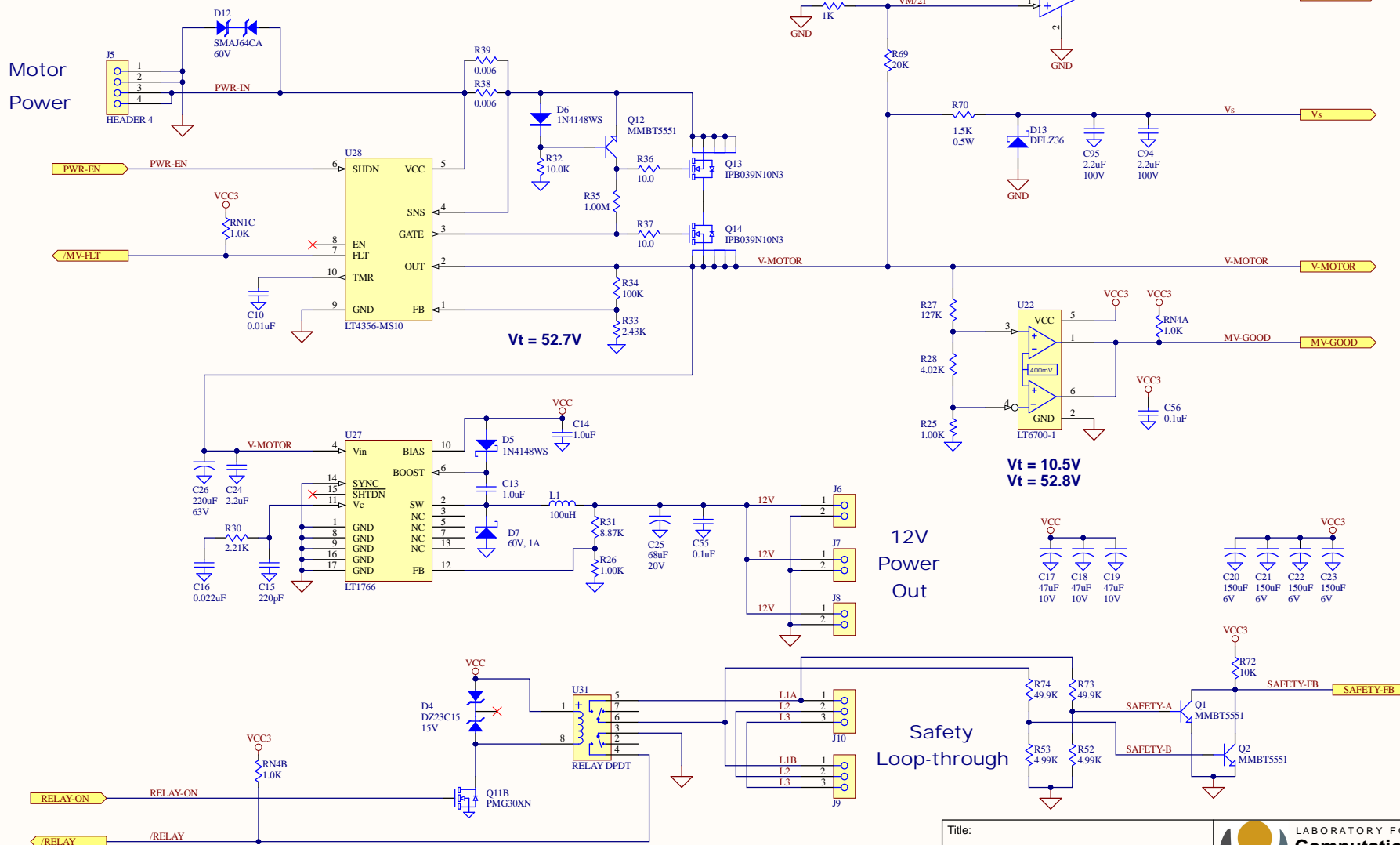
# Drive DACs

Drive Gain:

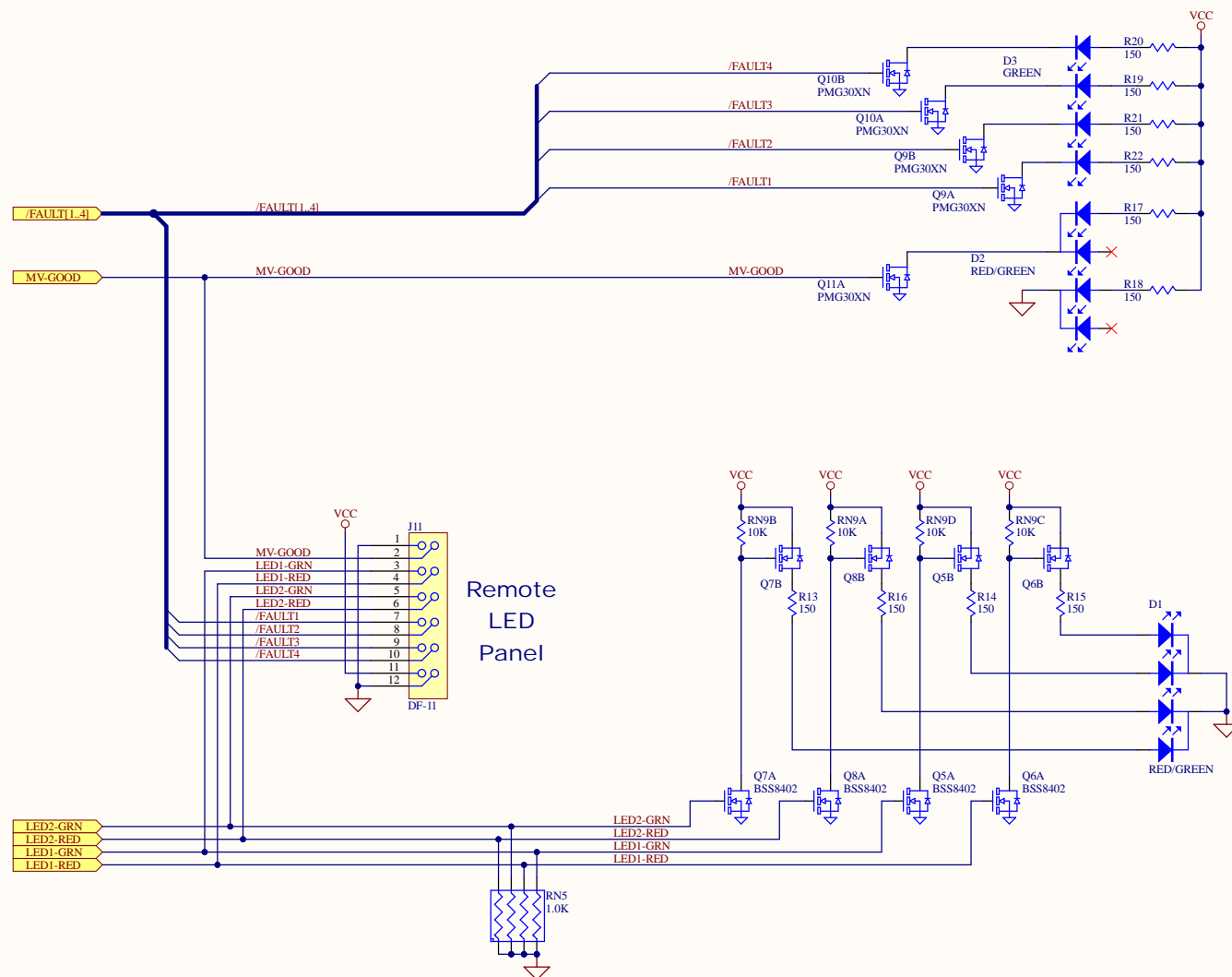
0x0000: -6.25A  
0x8000: 0.00A  
0xFFFF: +6.25A



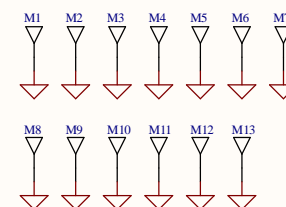
# Power Connectors, Power Supplies



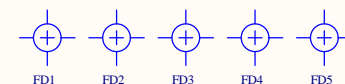
# LEDs



## Mounting Holes



## Fiducials





# Motor Driver

**Current Control (CUR-CTRL):**  
Gain: 5 A/V  
0x0000: -6.25A  
0x8000: 0.00A  
0xFFFF: +6.25A

**Voltage Control (/CUR-CTRL):**  
Gain: 36.4 V/V  
0x0000: -45.5V  
0x8000: 0.0V  
0xFFFF: +45.5V

