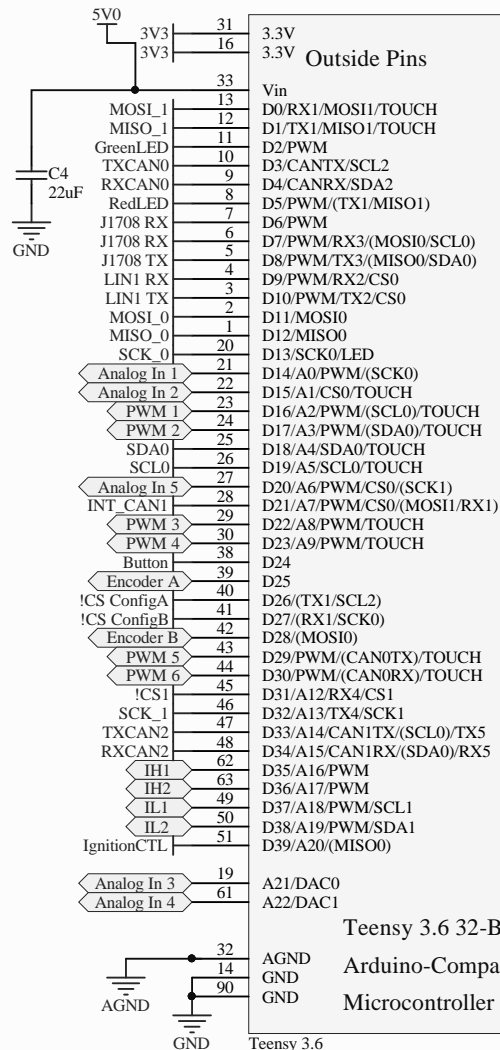


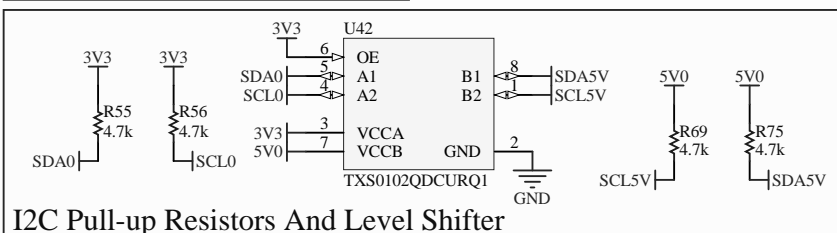
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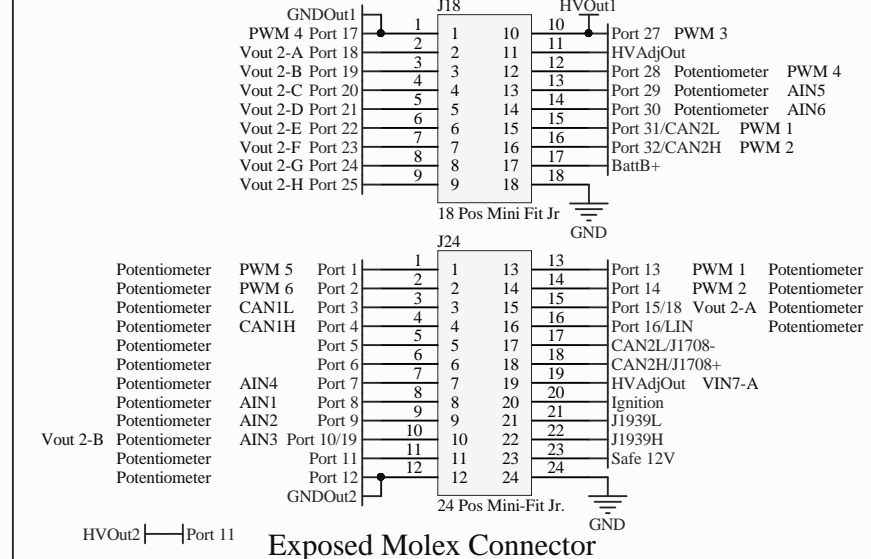
Interior Pins

Interior Pads

Backup Battery for Realtime Clock

Light Pipe
LP1

B



HVOOut2

Port 11

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

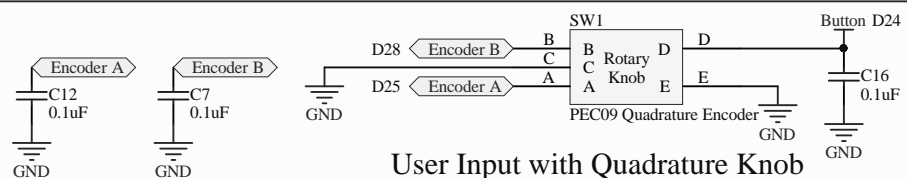
GND

GND

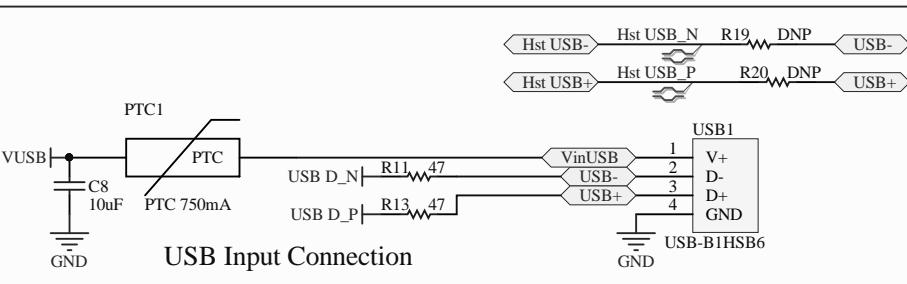
GND


GND

C

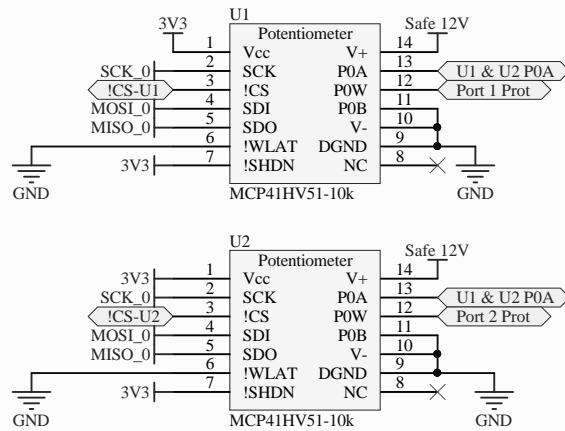


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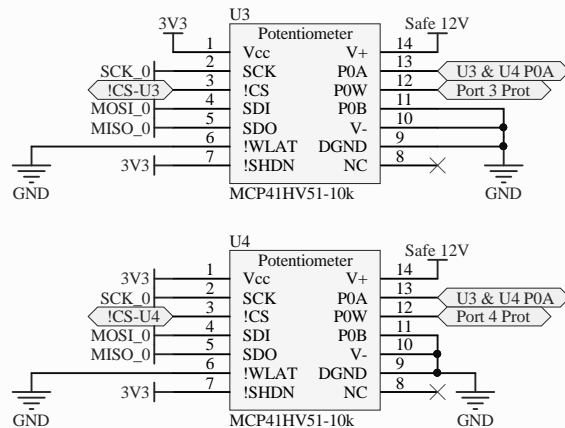


Title: <i>Smart Sensor Simulator 2</i>				Dr. Jeremy Daily Mechanical Engineering The University of Tulsa 800 S. Tucker Dr. Tulsa, OK 74104		 THE UNIVERSITY of TULSA <i>Department of Mechanical Engineering</i>	
Subtitle: Teensy 3.6 Connections			Revision: 5				
Date: 5/3/2017		Time: 12:18:55 PM	Size: Letter	Sheet 1 of 7			
File: C:\Users\jeremy-daily\Dropbox (JHSI)\Electronics\SSS2\Teensy Connections for SSS2 Rev 5.SchDoc							

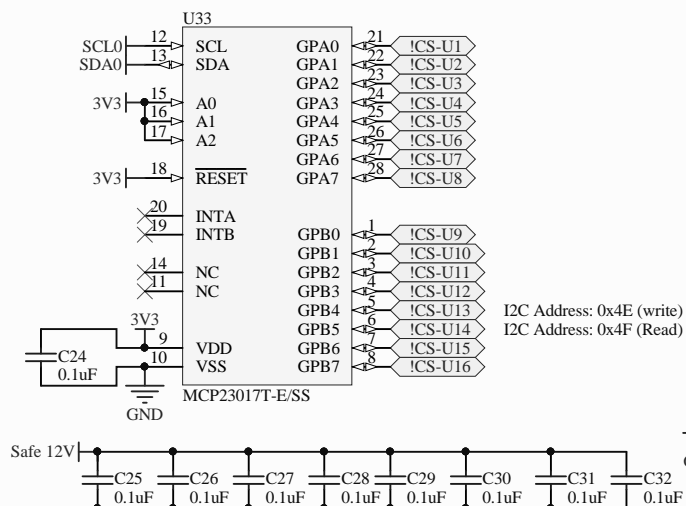
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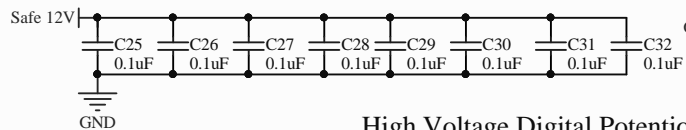
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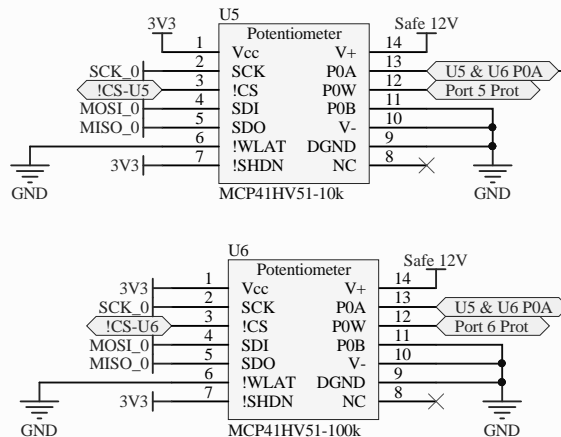
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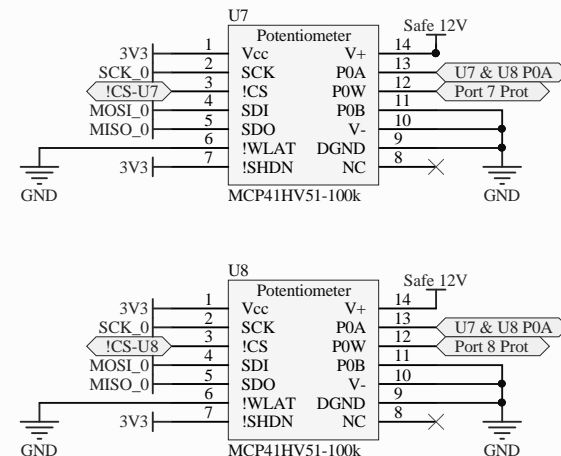
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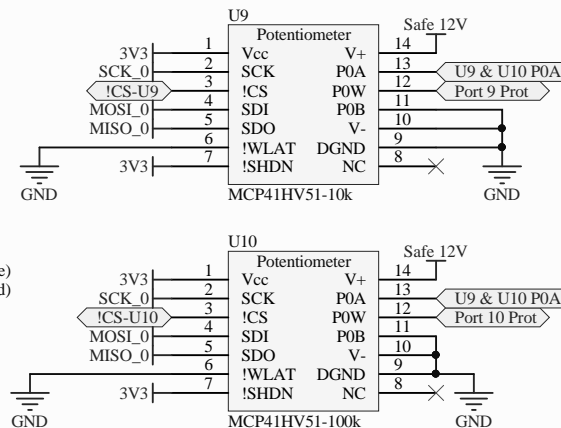
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B

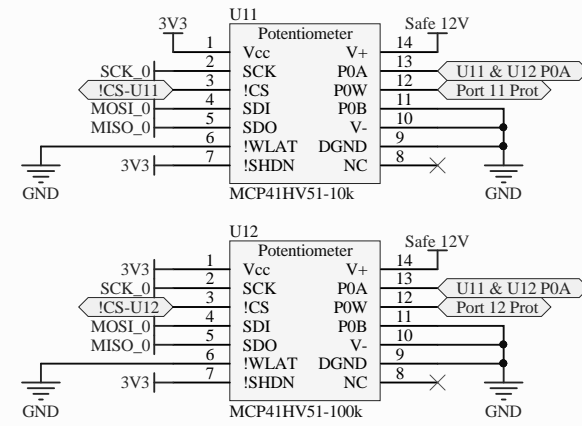


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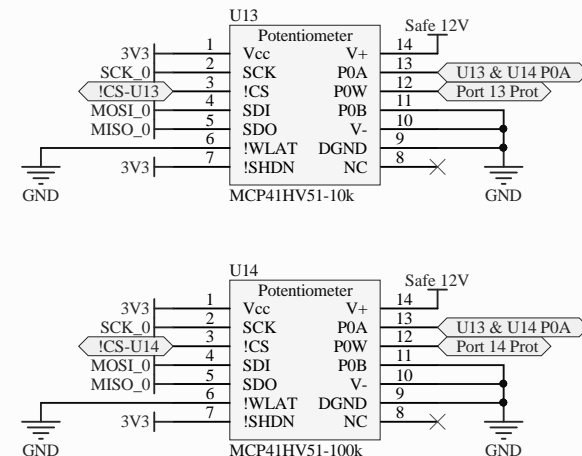


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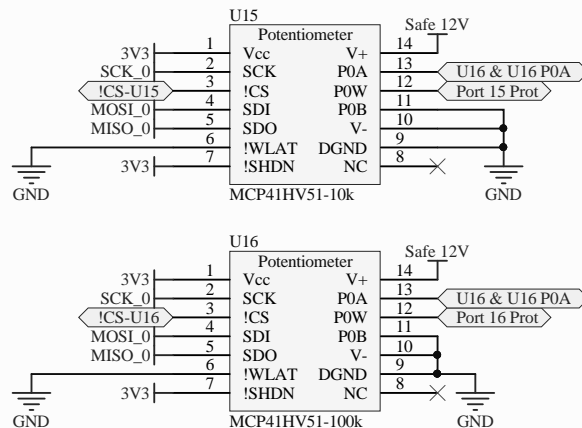
A



B



C



D

Title: **Smart Sensor Simulator 2**Subtitle: **Digital Potentiometers**

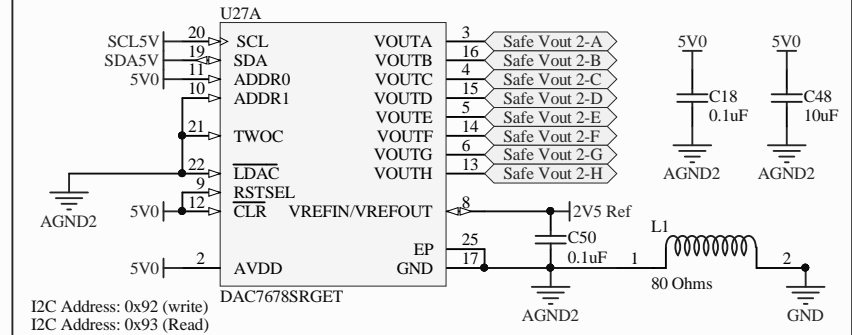
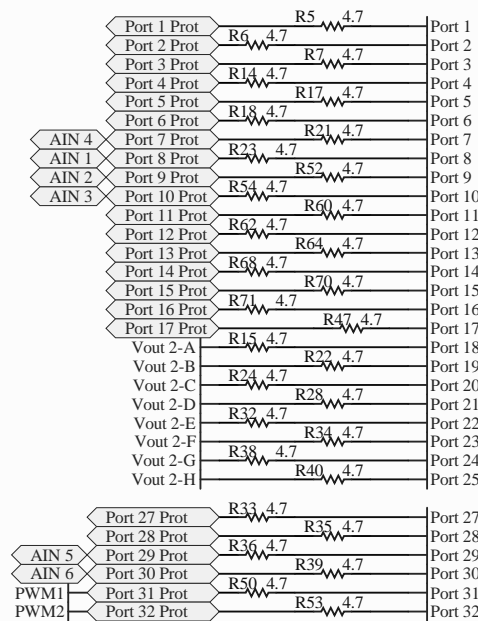
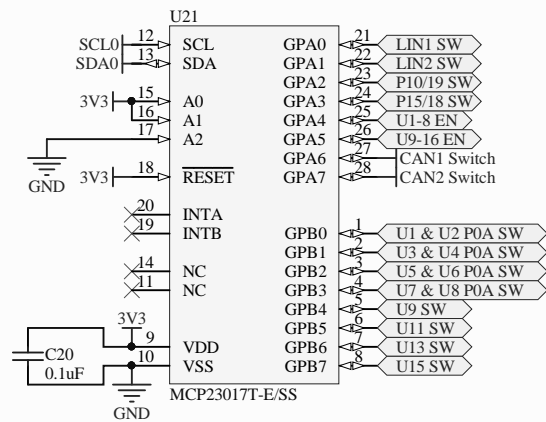
Date: 5/3/2017 Time: 12:18:56 PM Size: Letter Sheet 2 of 7

File: C:\Users\jeremy-daily\Dropbox (JHSI)\Electronics\SSS2\High Voltage Digital Pots Rev 5.SchDoc

Revision: 5

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Tulsa, OK 74104

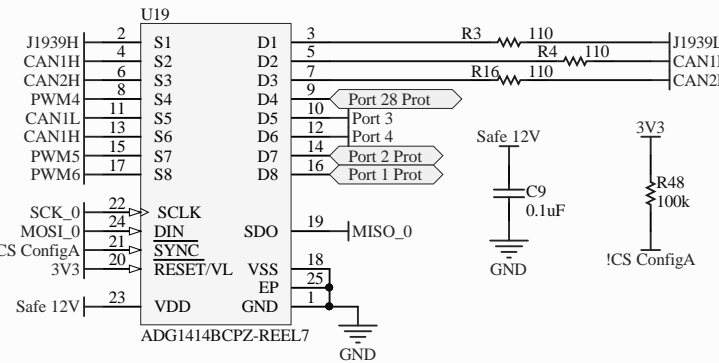
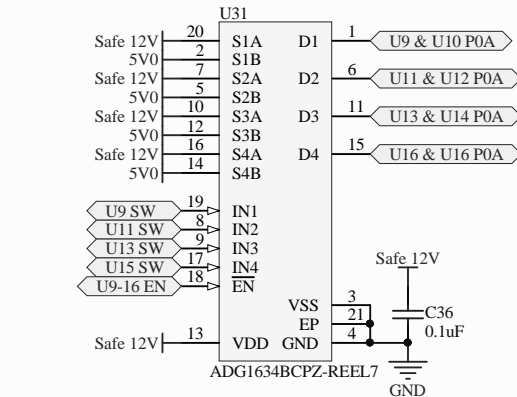
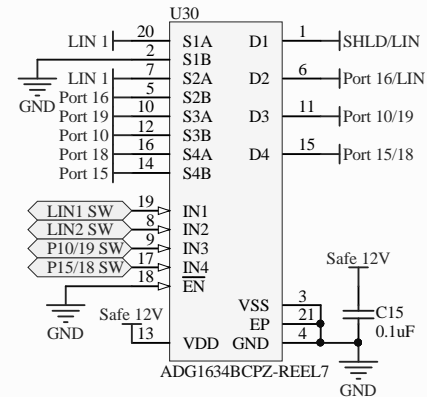
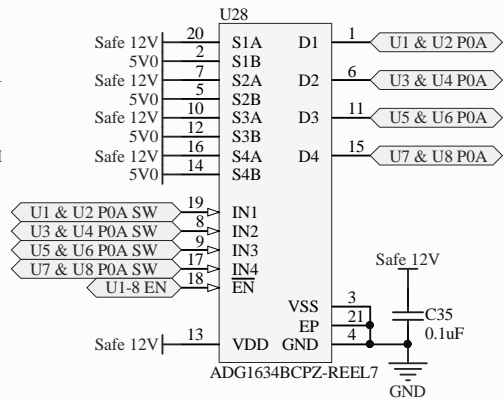
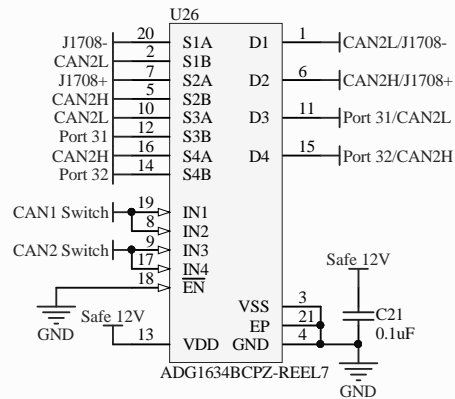




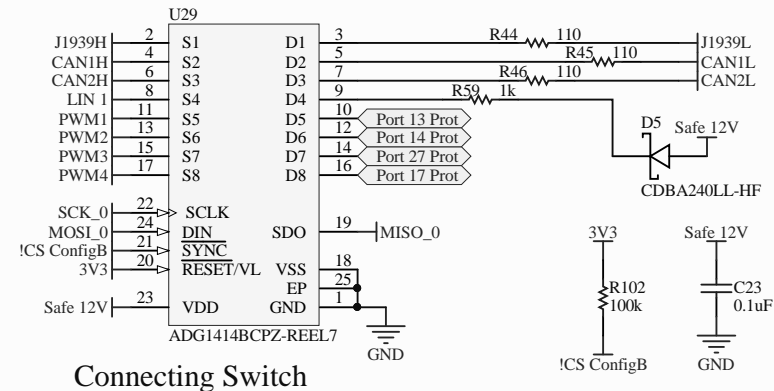
Digital to Analog Output

I2C Address: 0x92 (write)
I2C Address: 0x93 (Read)

Configuration Switches



Connecting Switch



Connecting Switch

Title: **Smart Sensor Simulator 2**

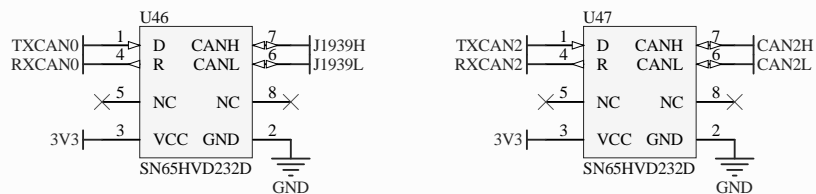
Subtitle: **Analog Out, LIN, J1708, Switches**

Date: 5/3/2017 Time: 12:18:56 PM Size: Letter Sheet 3 of 7

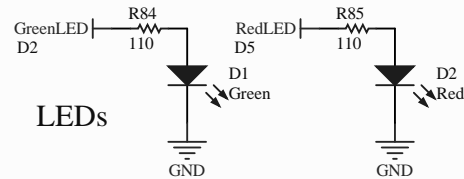
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800 S. Tucker Dr
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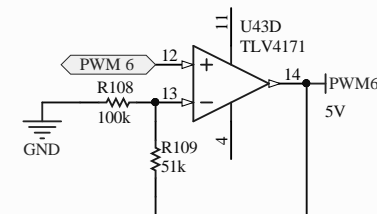
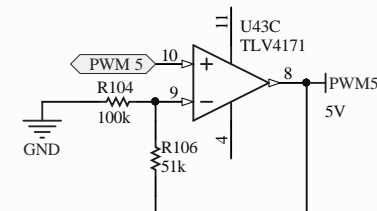
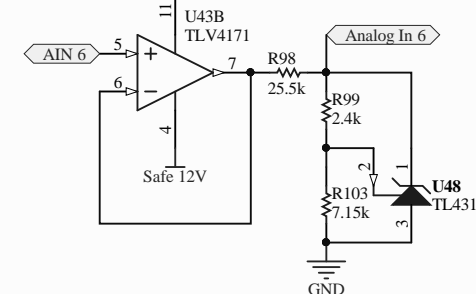
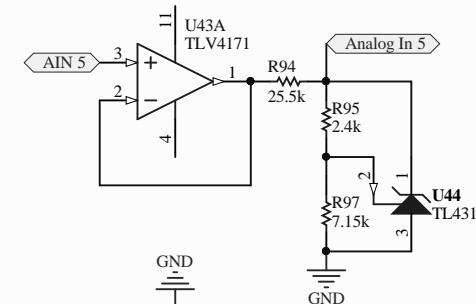




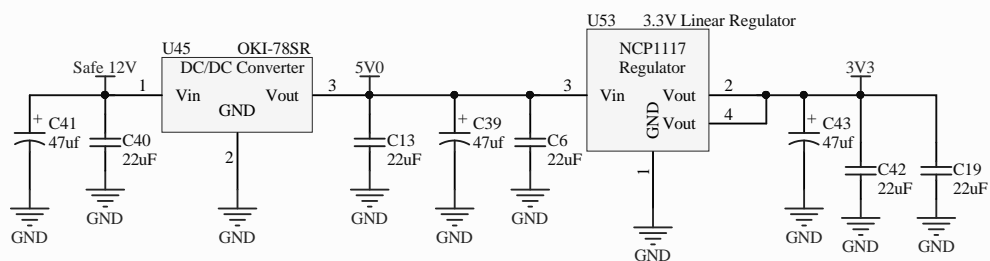
CAN Transceivers



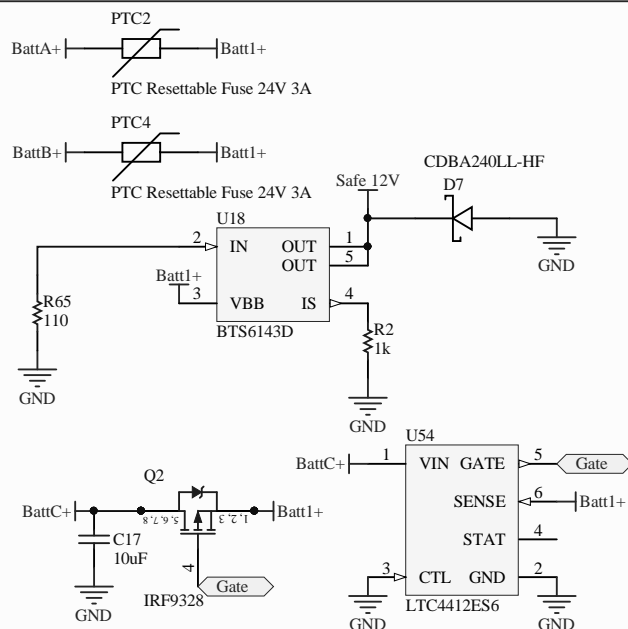
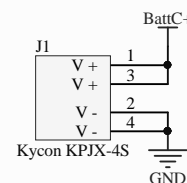
LEDs



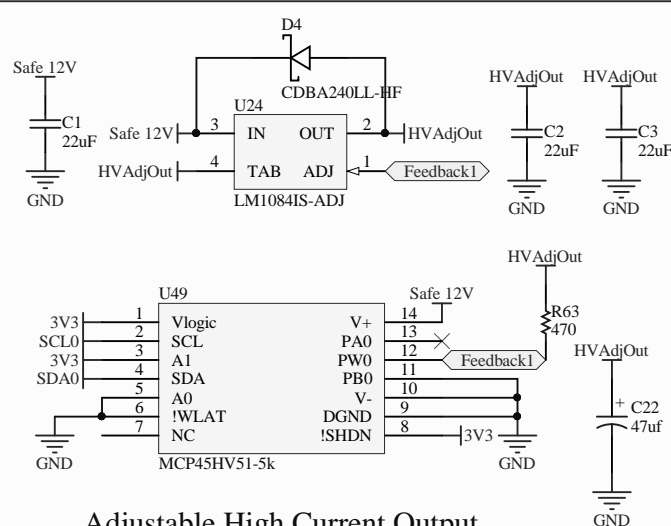
Analog In



Voltage Regulator



Power Input with Reverse Polarity Protection



Adjustable High Current Output

Title: **Smart Sensor Simulator 2**Subtitle: **Power, Config., Wi-Fi, and CAN**

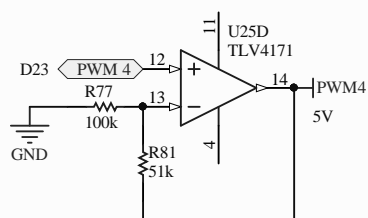
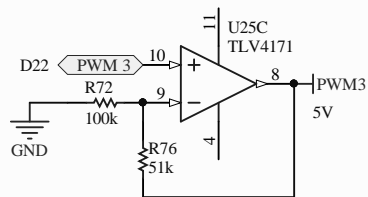
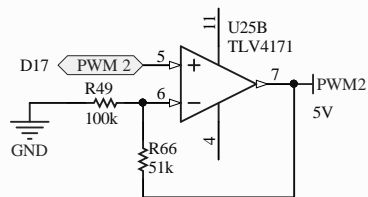
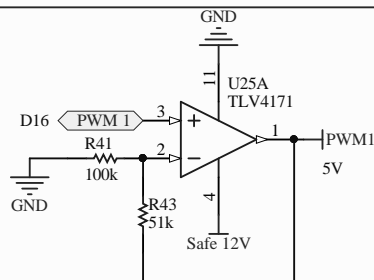
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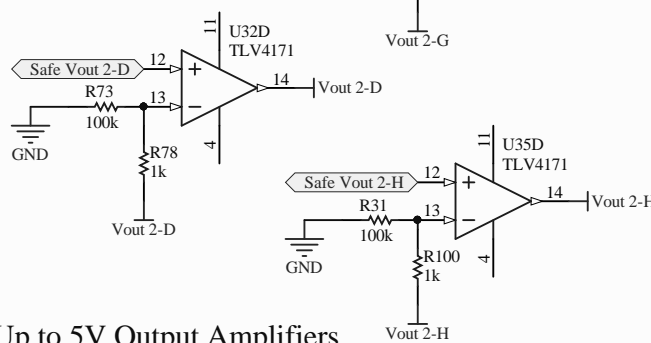
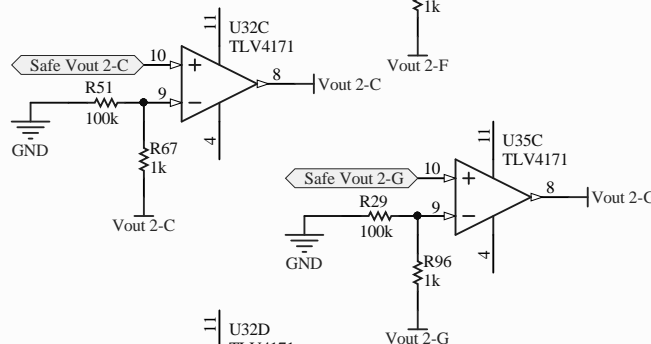
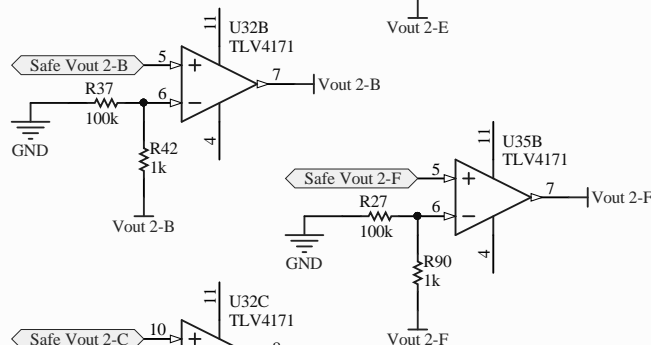
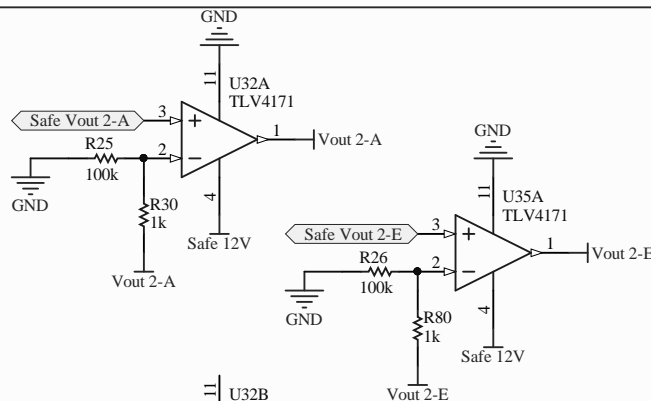
Revision: 5

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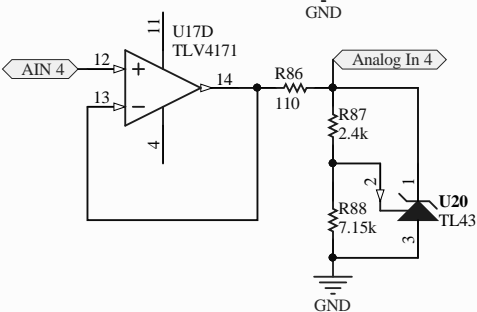
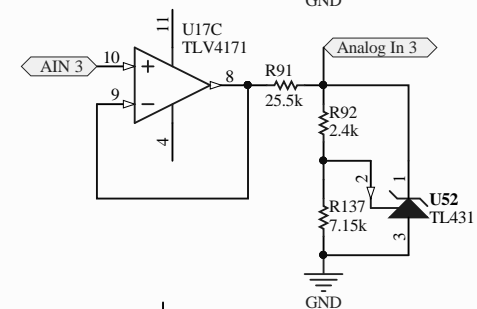
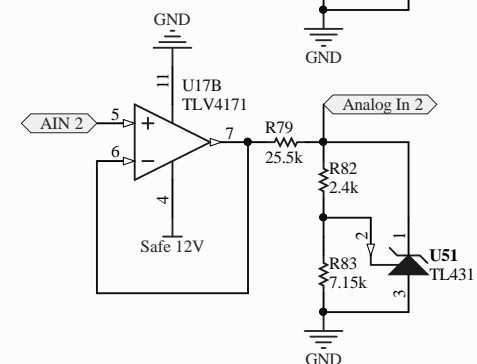
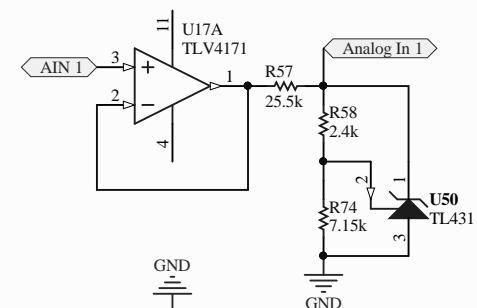




Up to 5V Output Amplifiers



Up to 5V Output Amplifiers



Analog In

