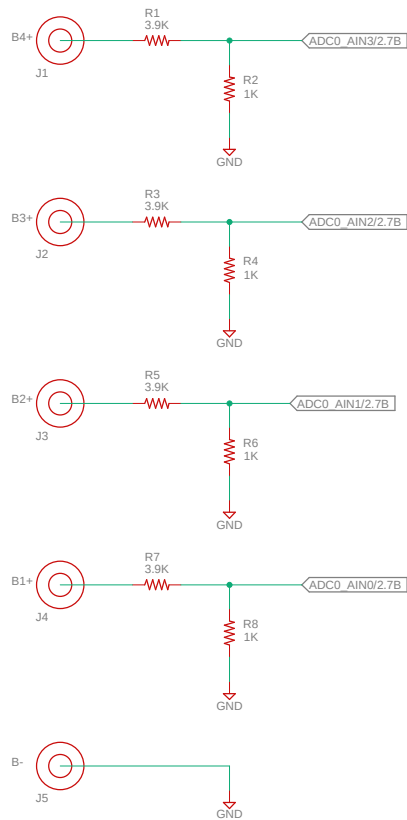


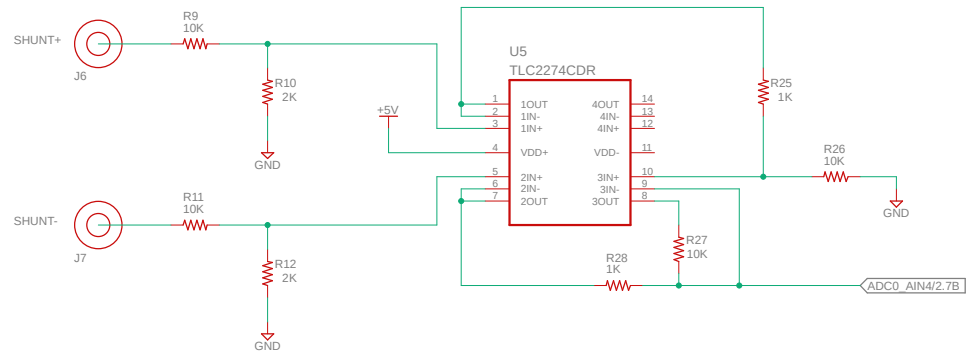
\* Battery Cell inputs use divide by 5 voltage dividers and MCU maximum rating is 5V  
\* Input voltage cannot exceed +25V referenced to GND

#### Battery Cell Input Terminal Blocks:

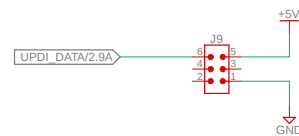
B4+ => RED  
B3+ => YELLOW  
B2+ => BLUE  
B1+ => GREEN  
B- => BLACK



Shunt Terminal Block Inputs to Divide by 6 voltage dividers and  
Current Sensing Instrumentation Amplifier: with Gain of 10



#### Female JTAG Programming Header



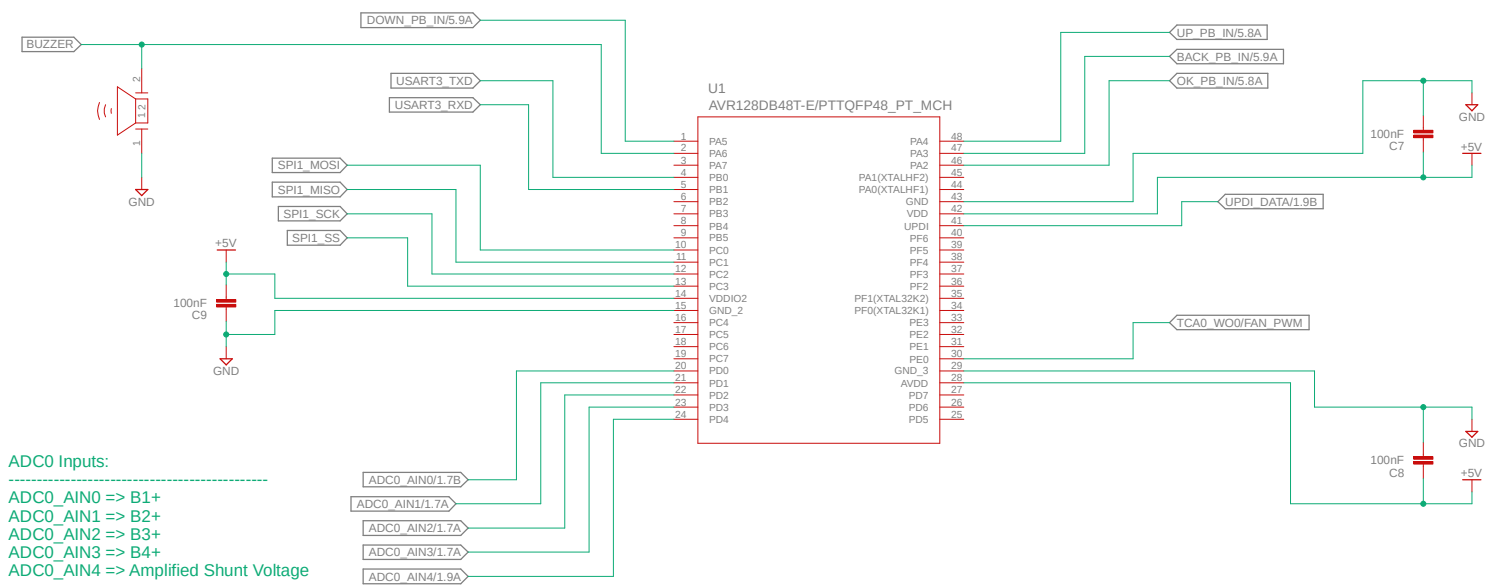
TITLE: Multicell Battery Load Analyzer v70

Document Number:

REV:

Date: 1/9/2025 11:59 AM

Sheet: 1/5



TITLE: Multicell Battery Load Analyzer v70

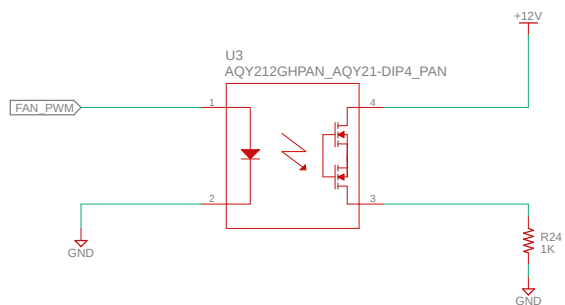
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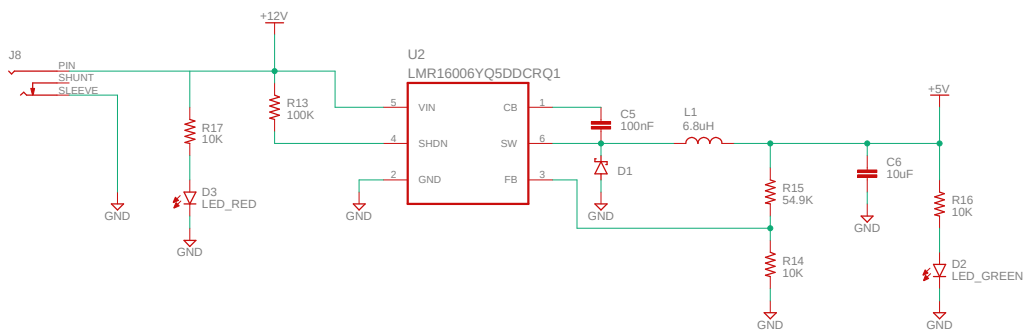
Date: 1/9/2025 11:59 AM

Sheet: 2/5





\* +12V => Fan and Stepper Motor Power Supply: RED Status LED  
 \* +5V => Microcontroller Power Supply: GREEN Status LED



TITLE: Multicell Battery Load Analyzer v70	
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