



File: connectors_and_indicators_sch.kicad_sch

MCU

File: MCU.kicad_sch

Ethernet

File: Ethernet.kicad_sch

Measurement_circuits

File: Measurement_circuits.kicad_sch

Voltage_references_circuits

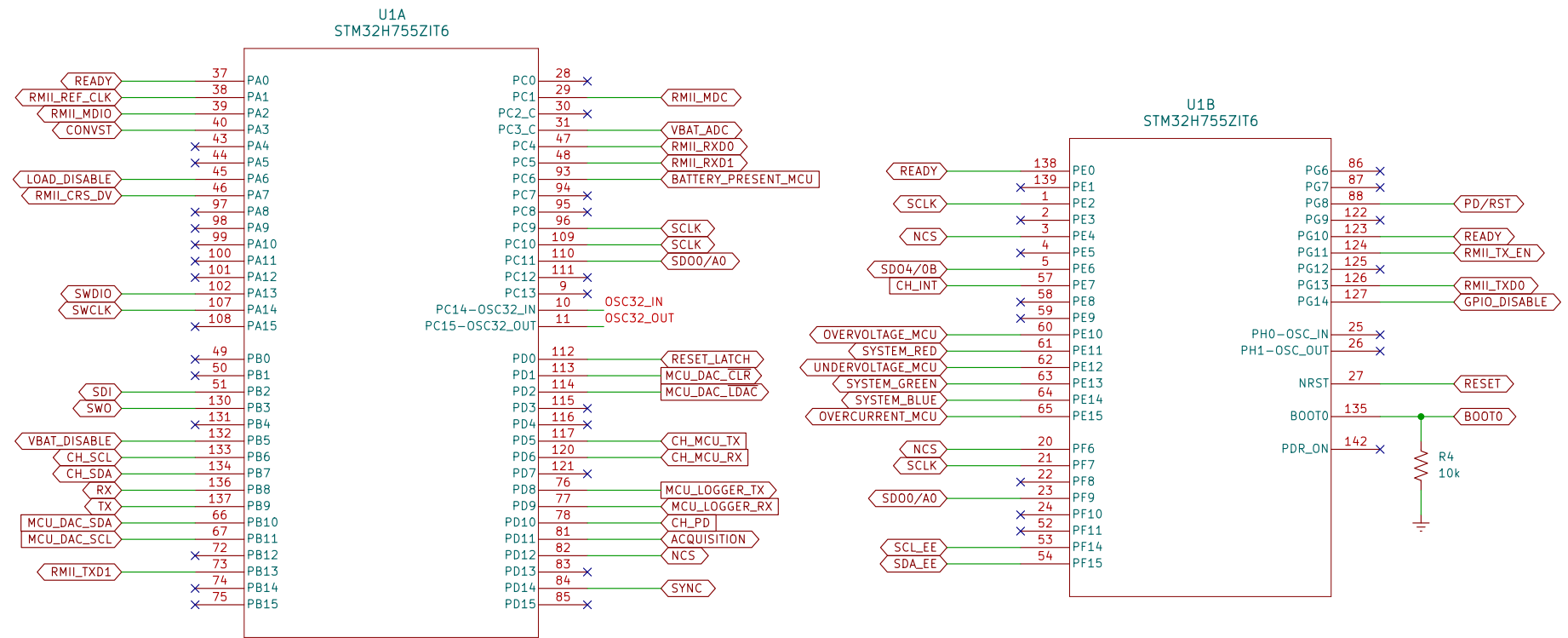
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Protection_circuits

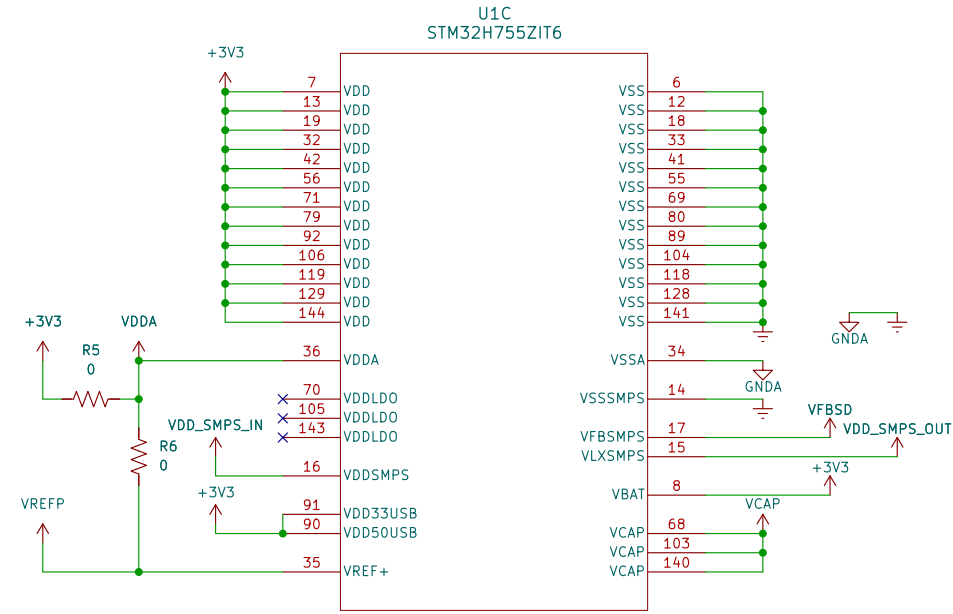
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Sheet: / File: OpenEPT_FullBoard_v1.kicad_sch			
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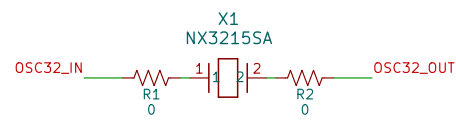
MCU IO CLK and RST



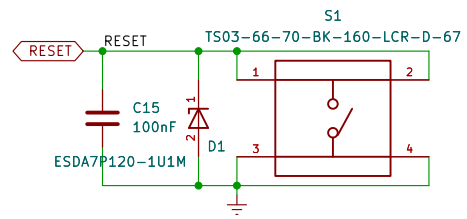
MCU PWR SUPPLIES



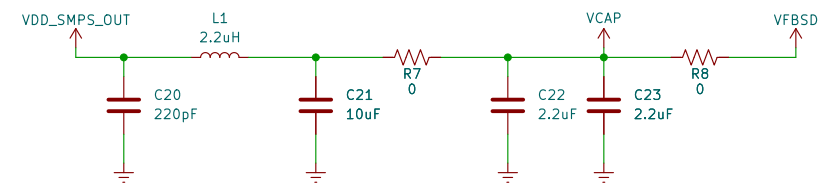
EXTERNAL LSE CLK



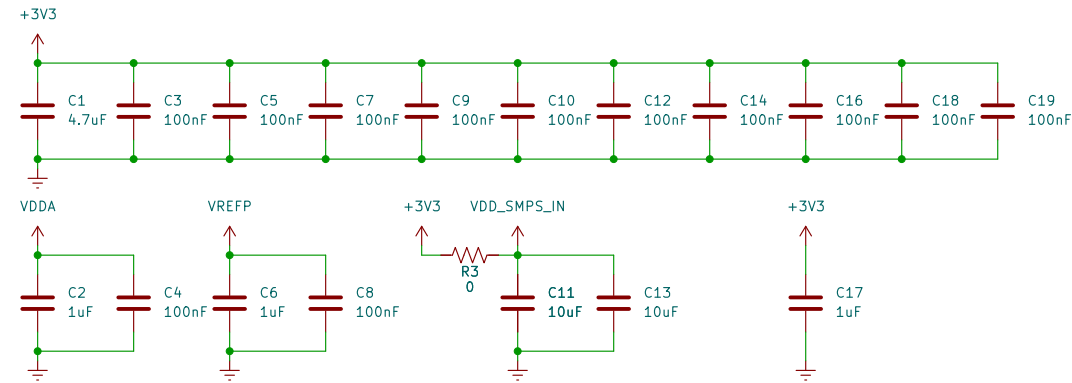
RESET FUNCTION



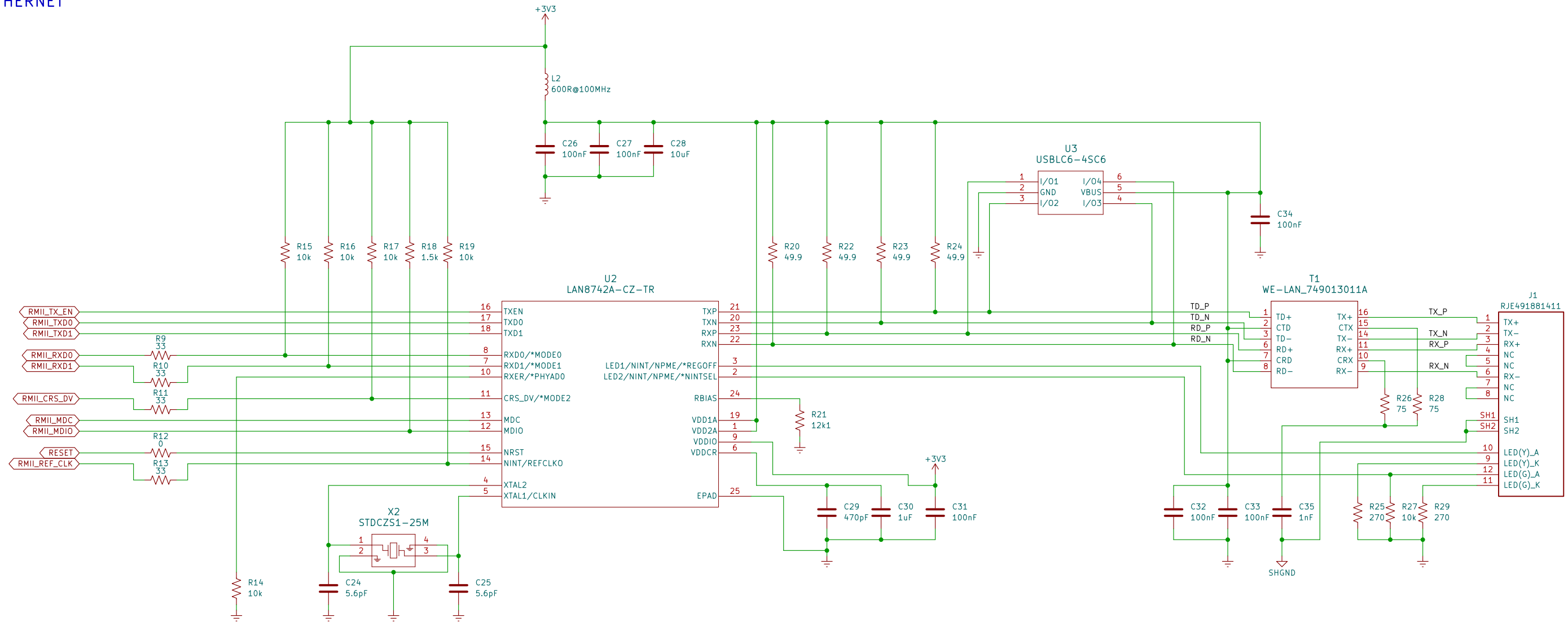
SMPS MCU Supply Config



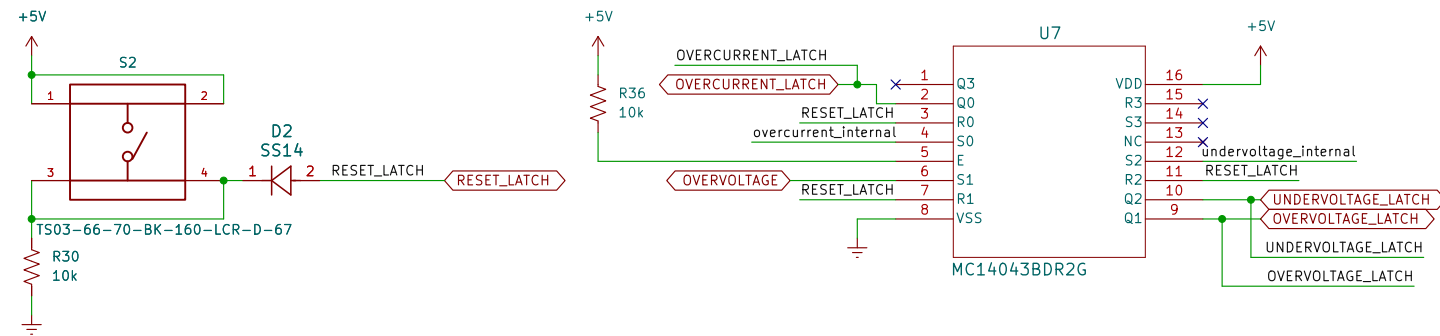
MCU DECAPS



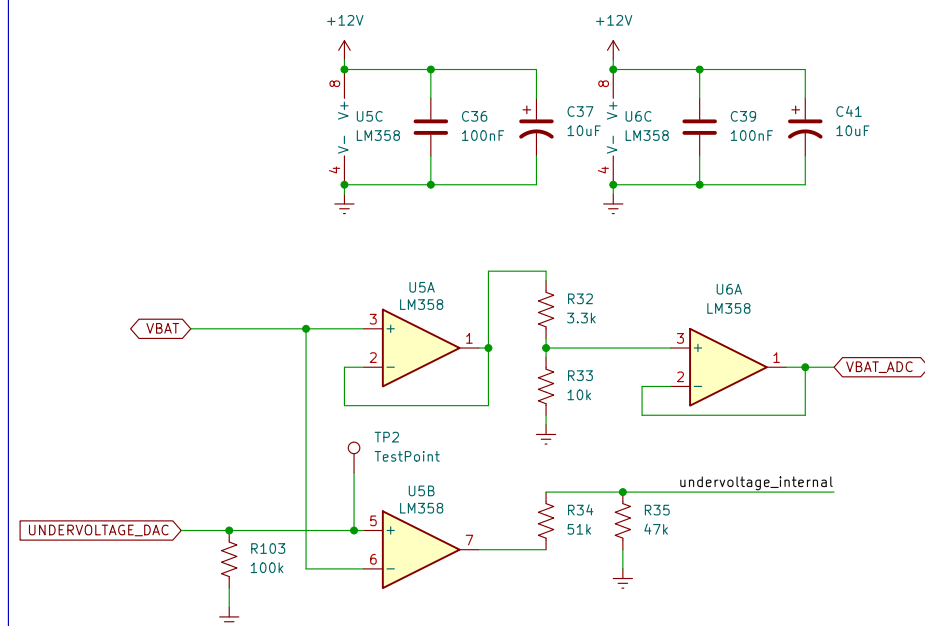
ETHERNET



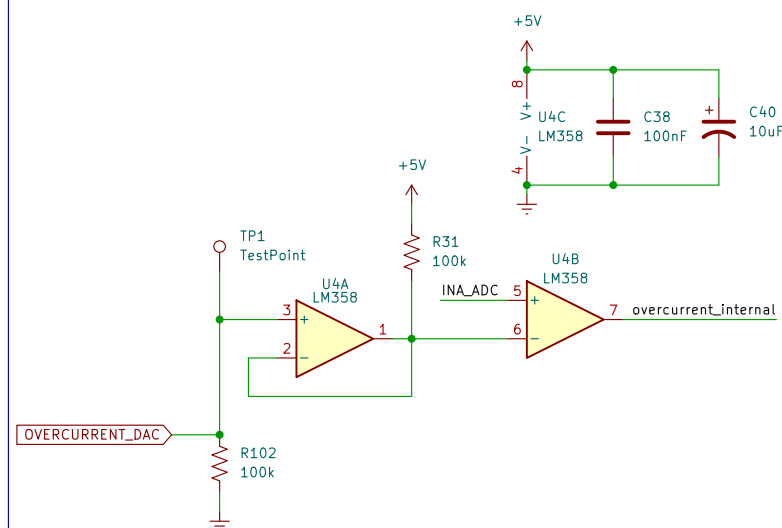
LATCH CIRCUIT AND RESET BUTTON



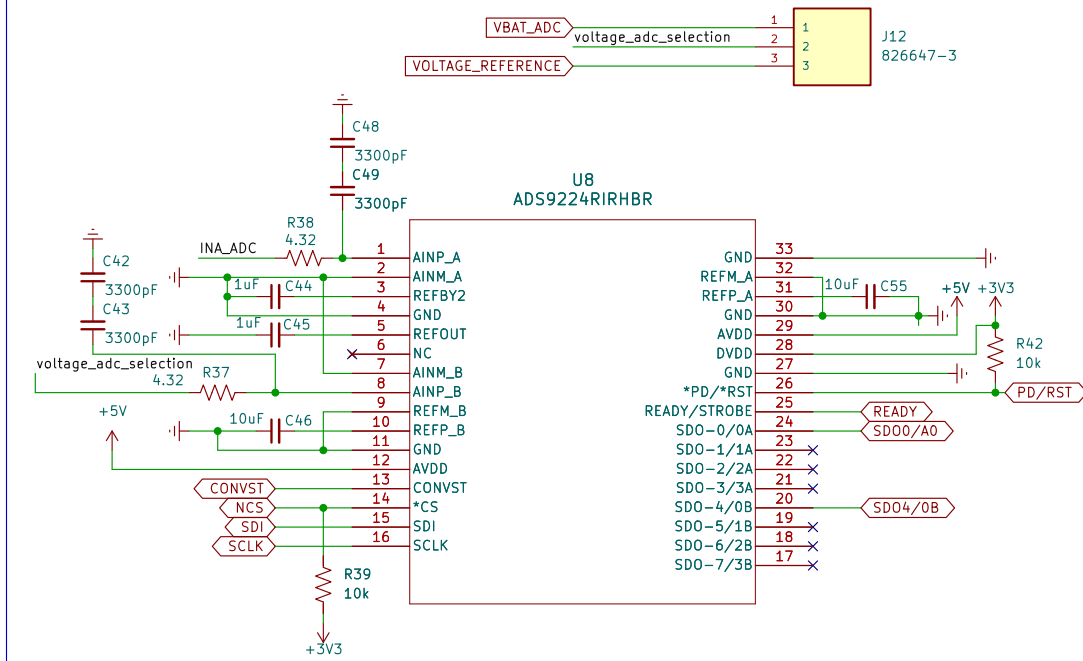
UNDervoltage and VBAT



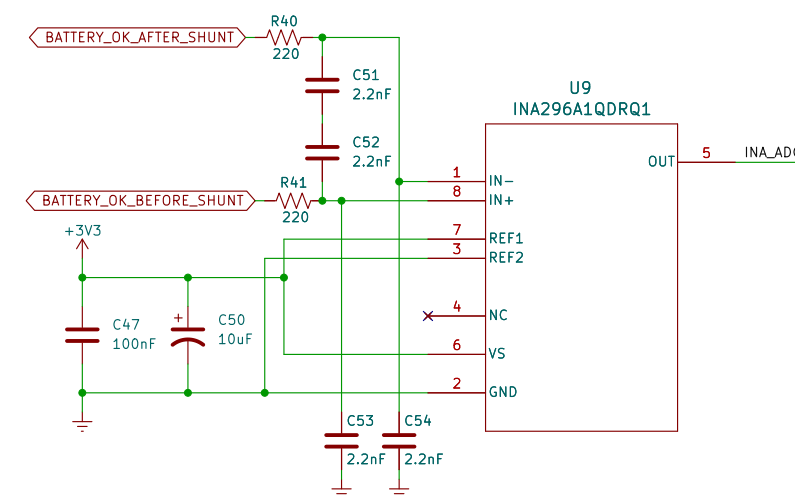
OVERCURRENT DETECTION



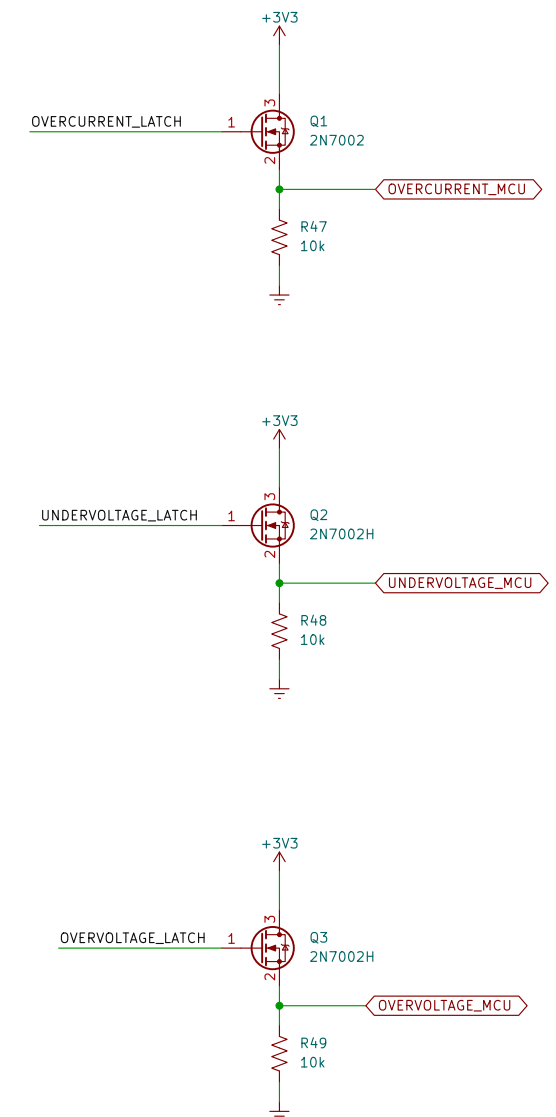
ADC



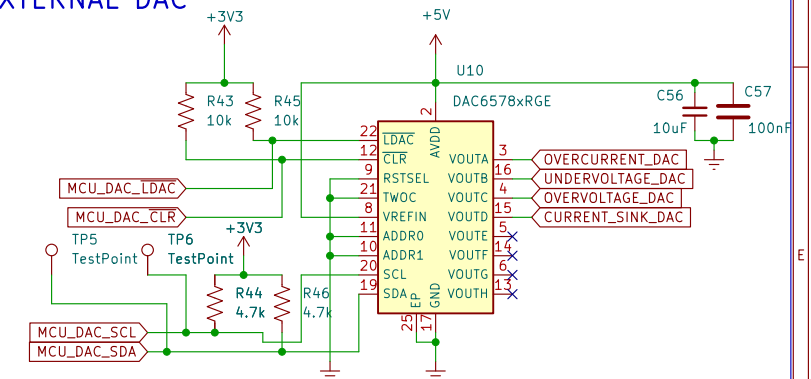
CURRENT SENSE AMPLIFIER



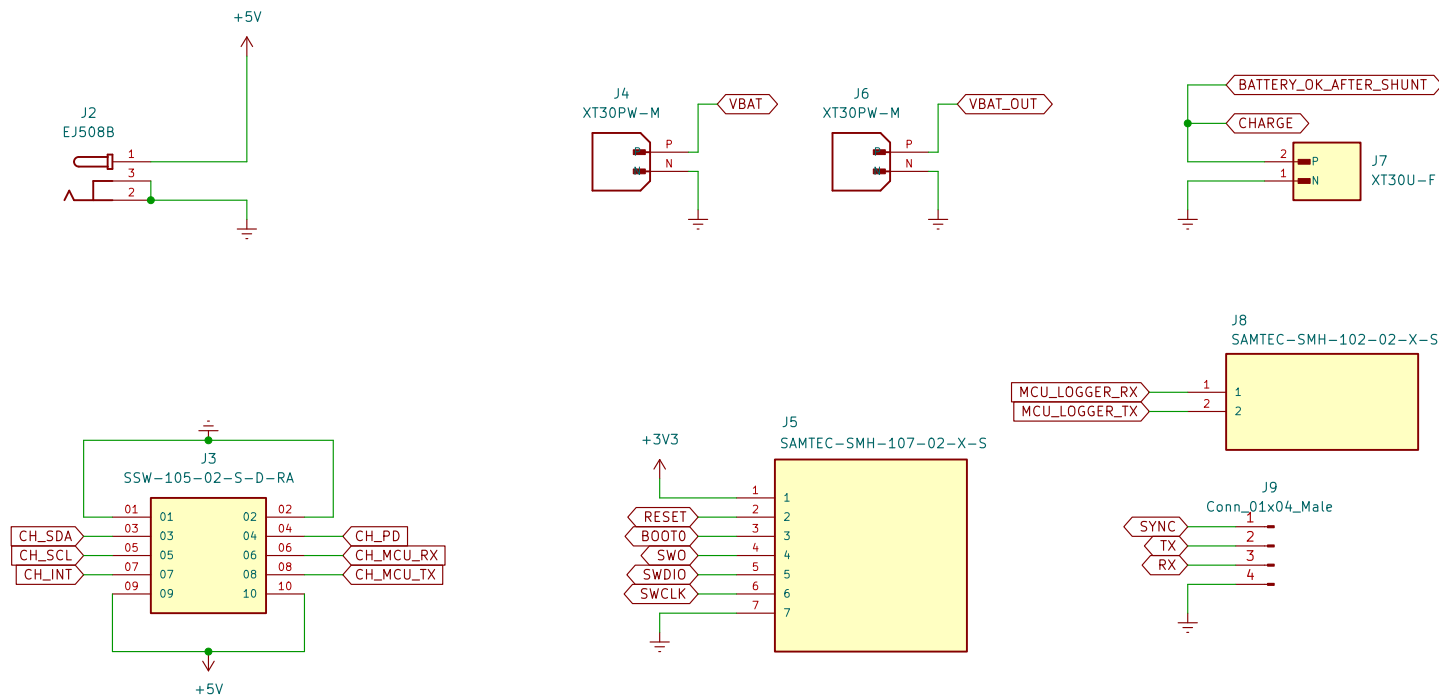
MCU VOLTAGE ADJUSTMENT



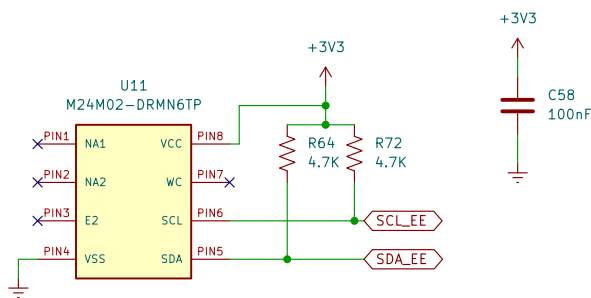
EXTERNAL DAC



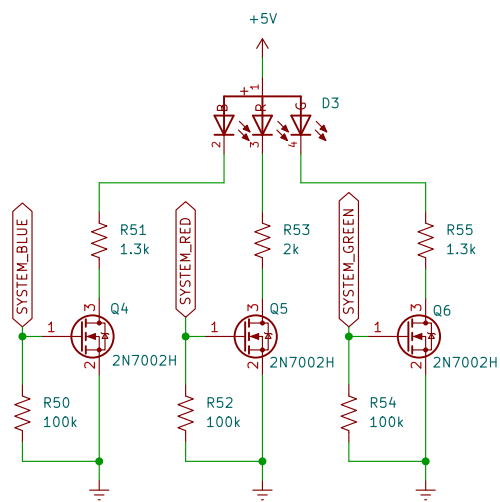
CONNECTORS



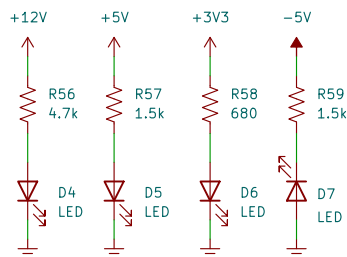
EEPROM



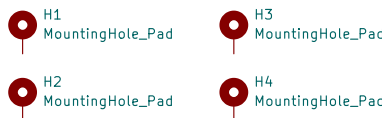
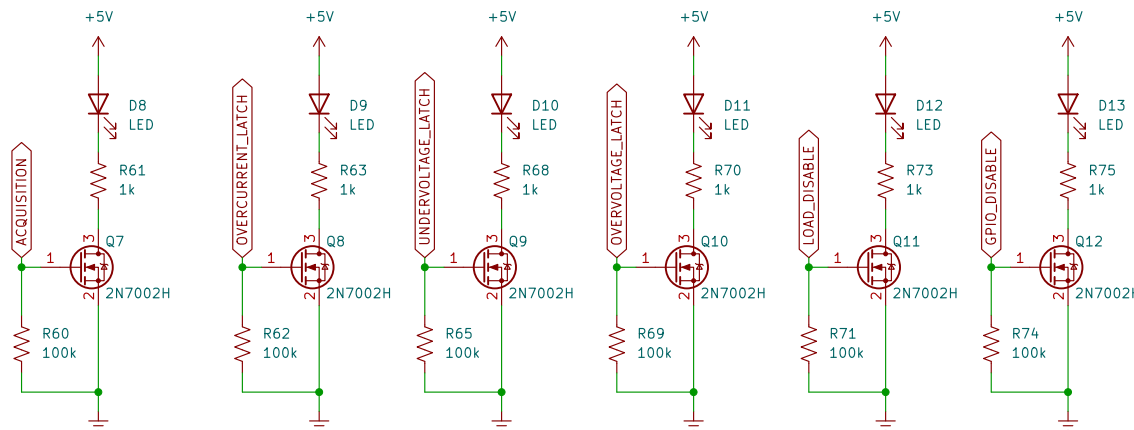
SYSTEM IDENTIFICATION



REFERENCES VOLTAGES IDENTIFICATION

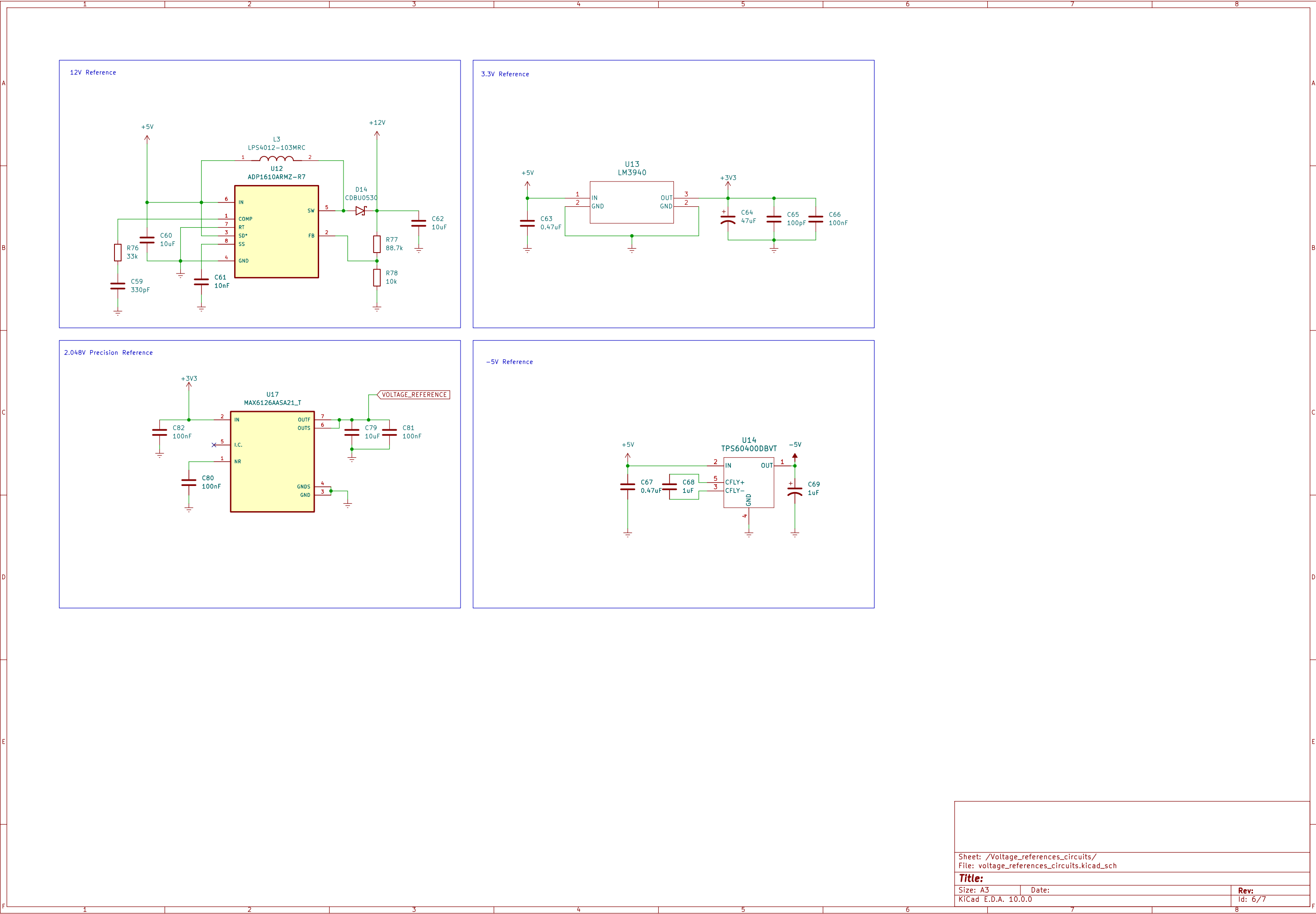


IDENTIFICATION OF SPECIFIC EVENTS

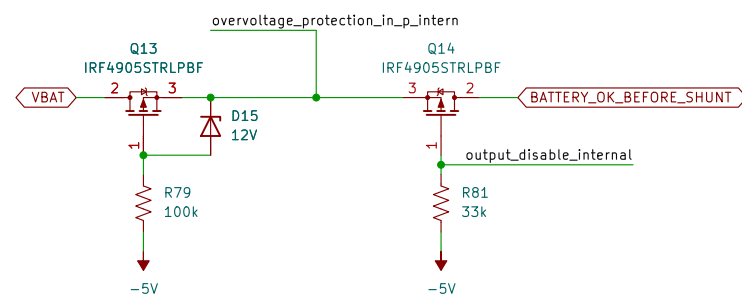


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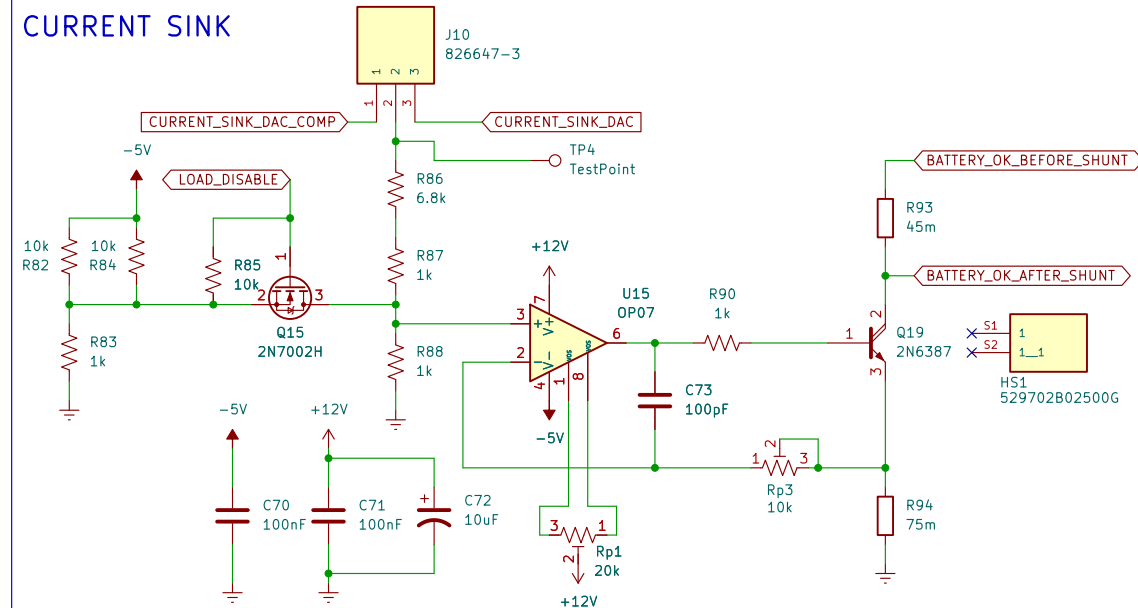
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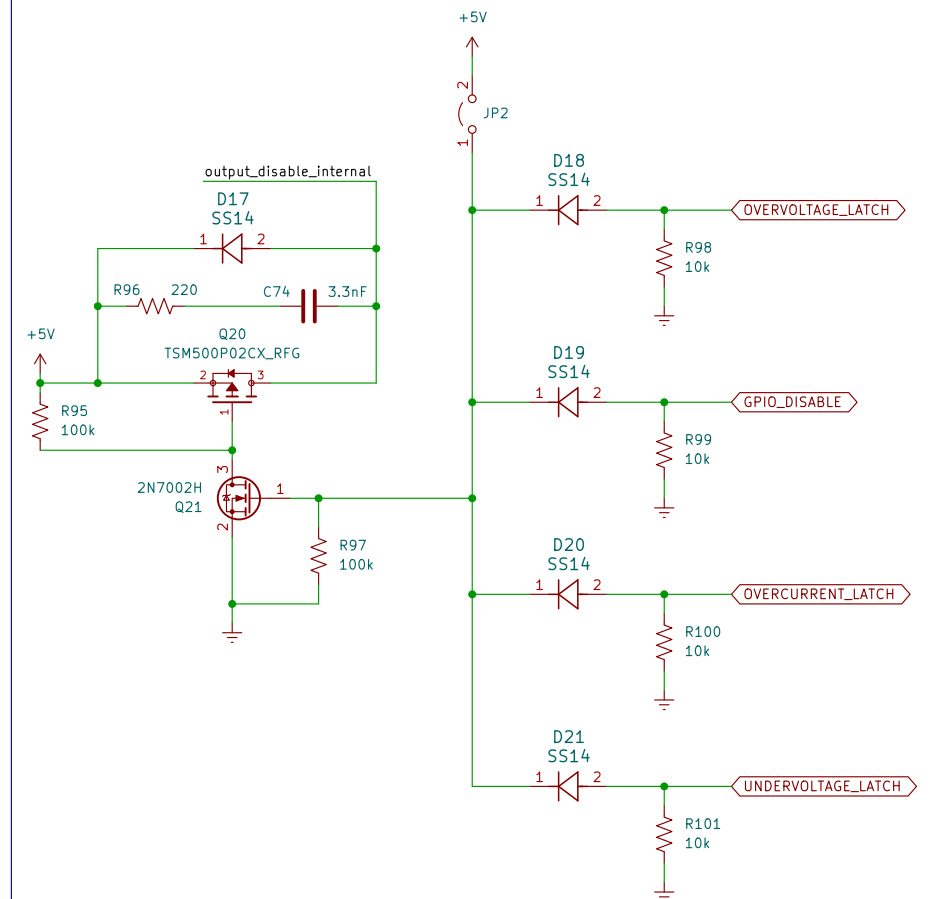
INPUT



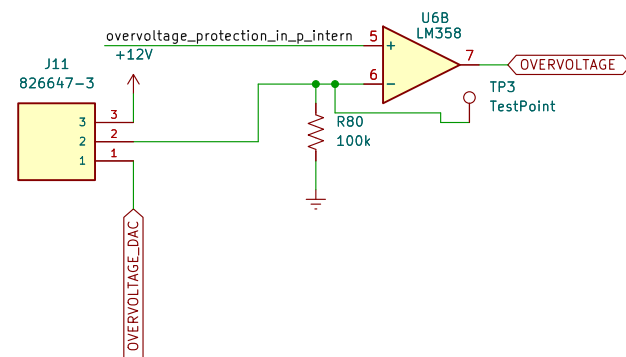
CURRENT SINK



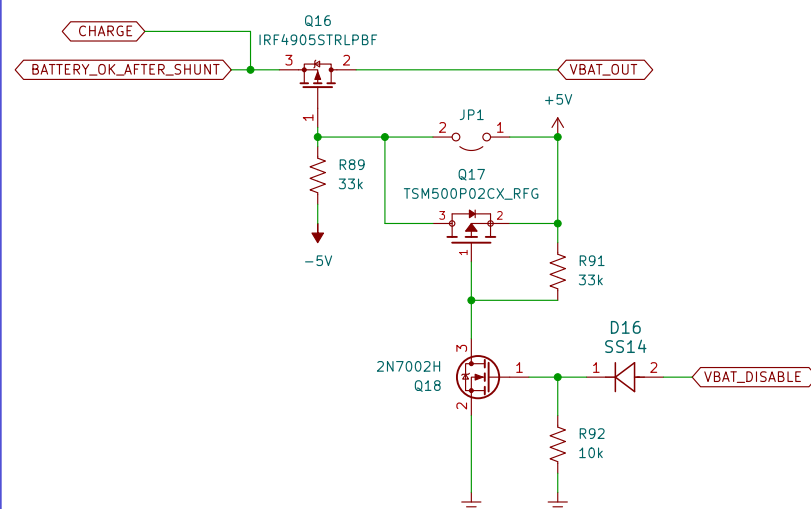
LOAD DISABLE CONTROL



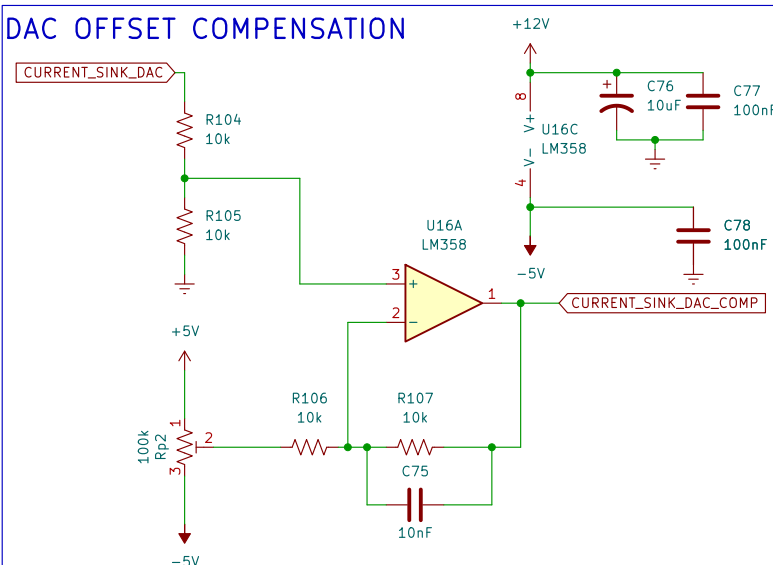
OVERVOLTAGE PROTECTION



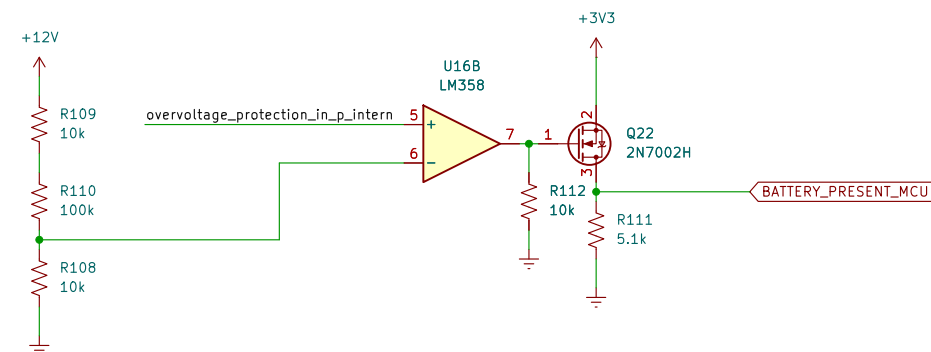
OUTPUT



DAC OFFSET COMPENSATION



BATTERY PRESENT



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