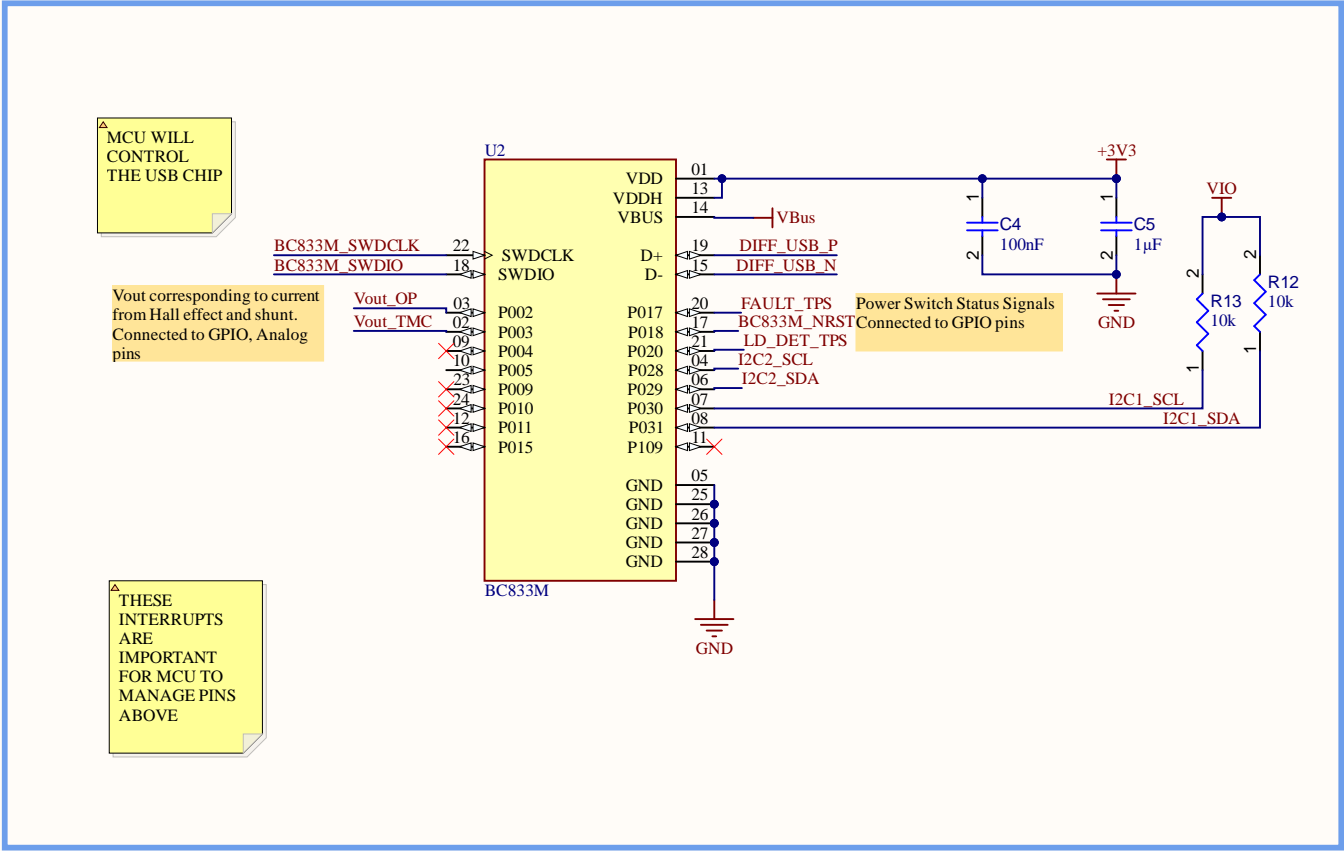
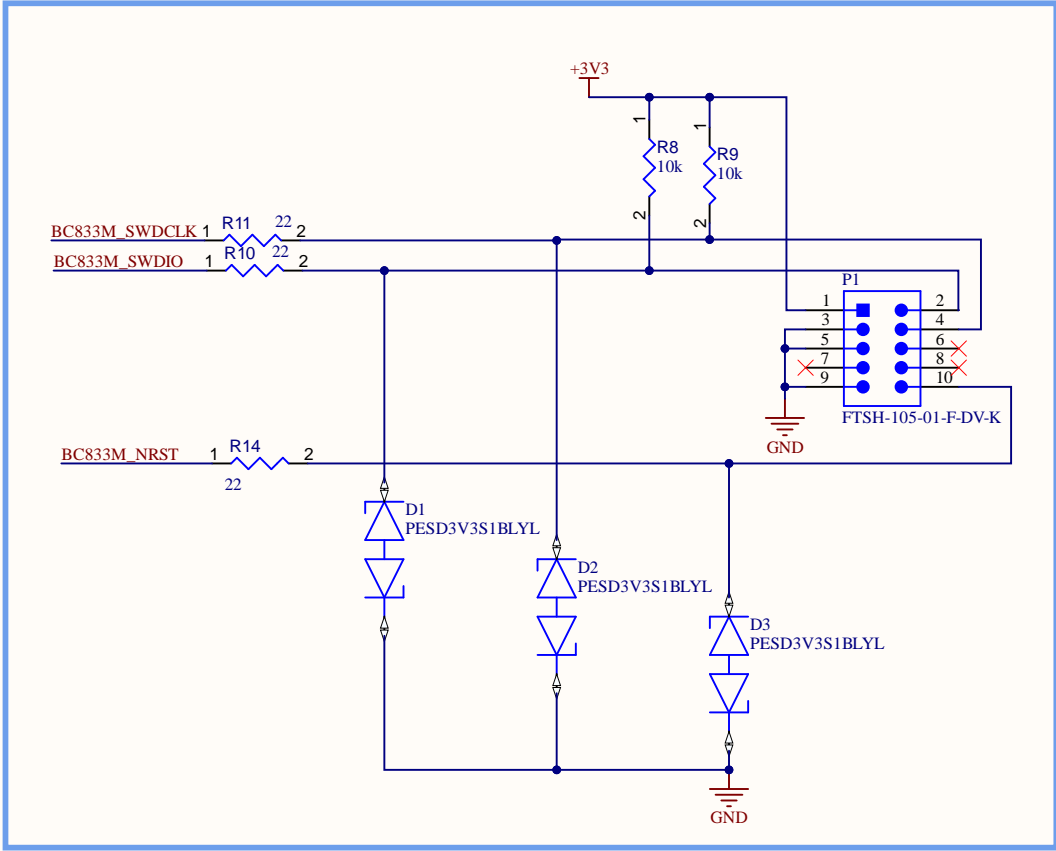


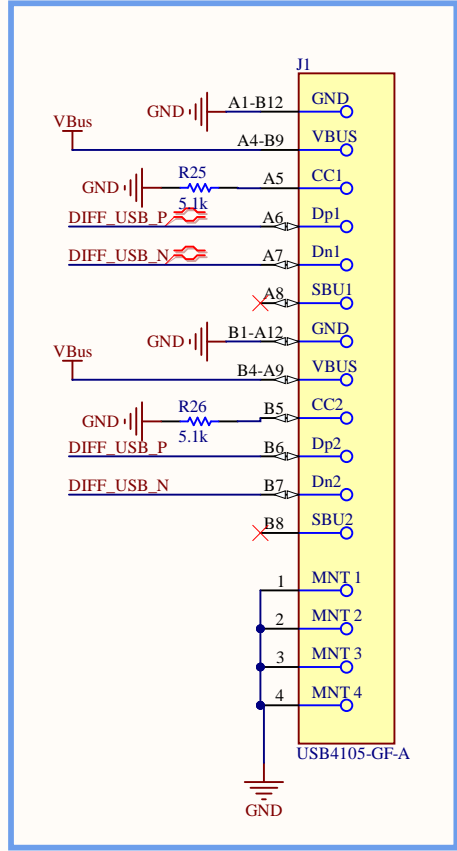
NRF52833



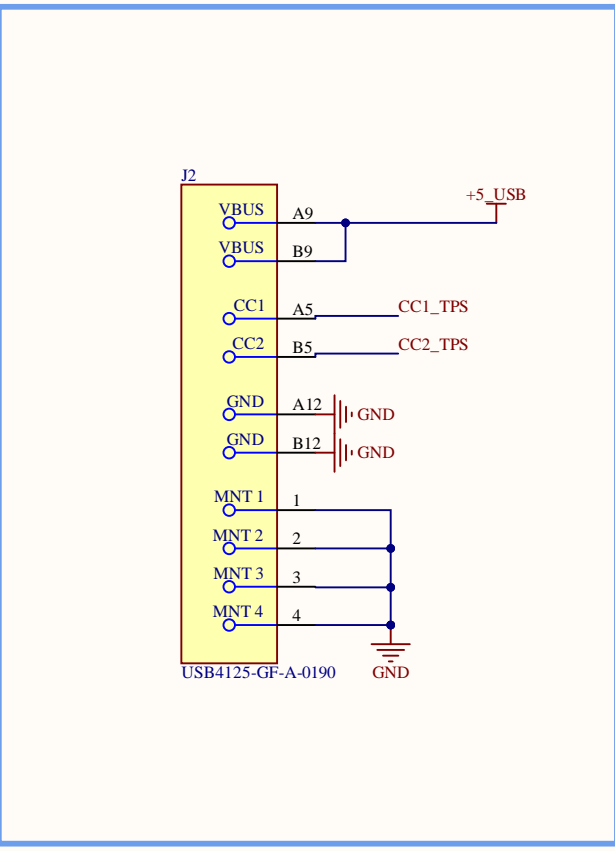
JTAG



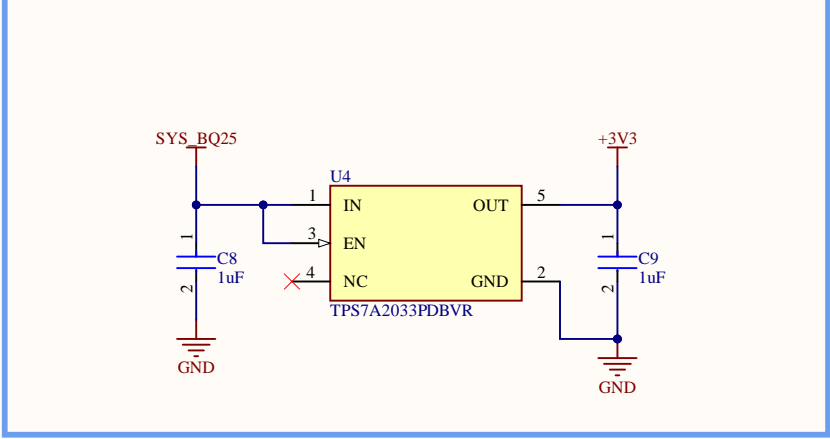
USB POWER IN



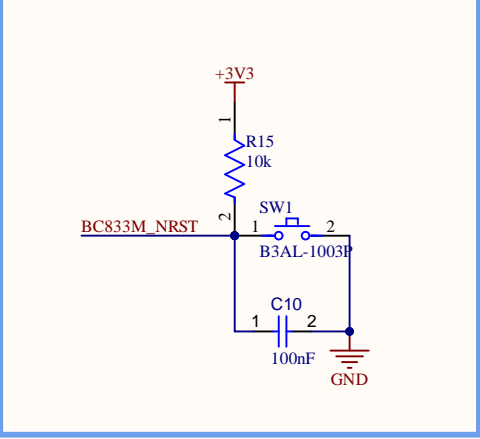
USB CONNECTOR SOURCE



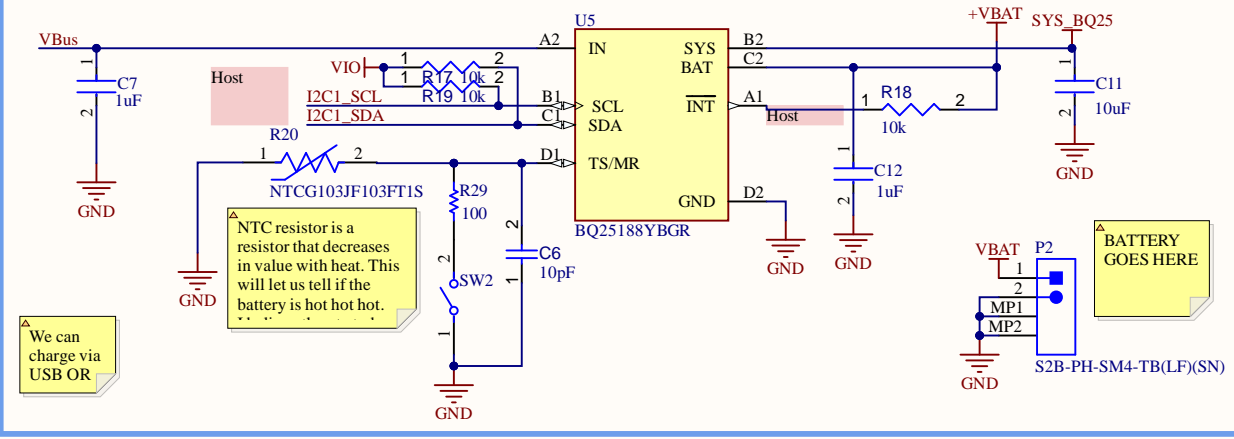
MCU Power



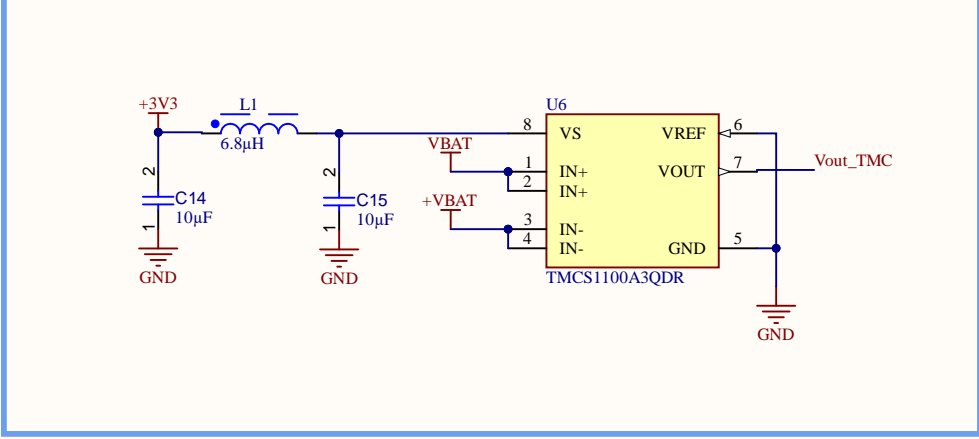
Reset Button



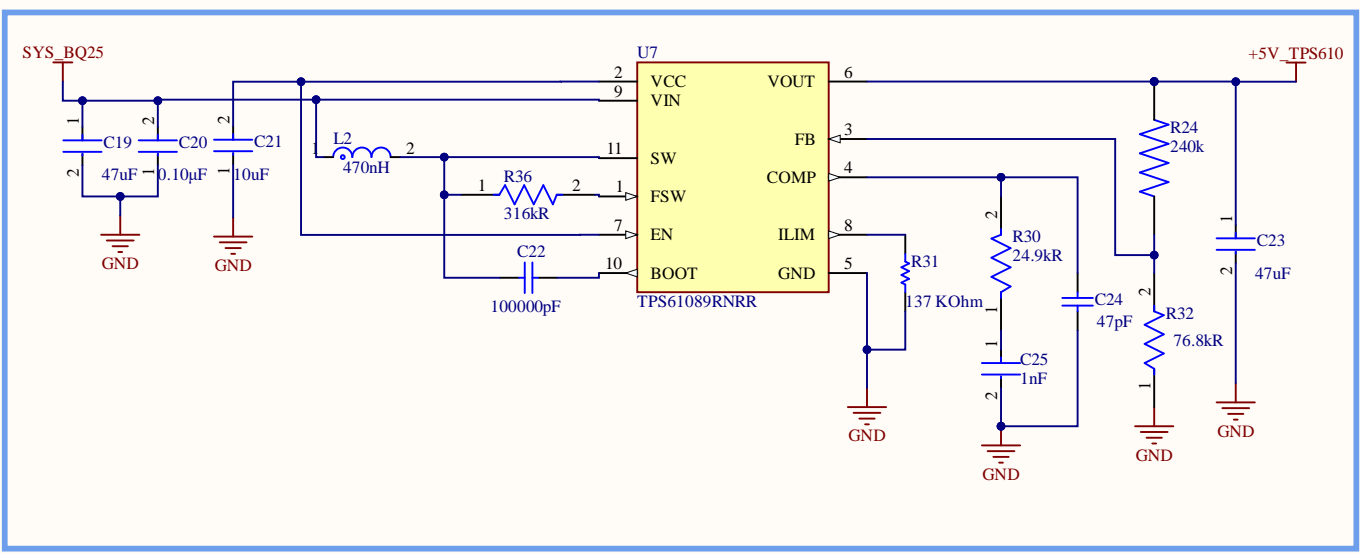
BMS



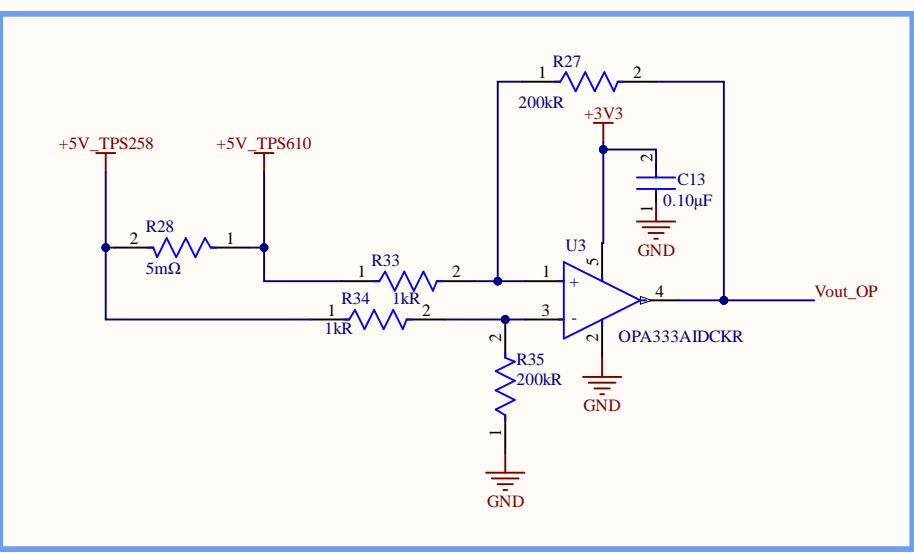
Hall Effect Current Sensor - Battery Input



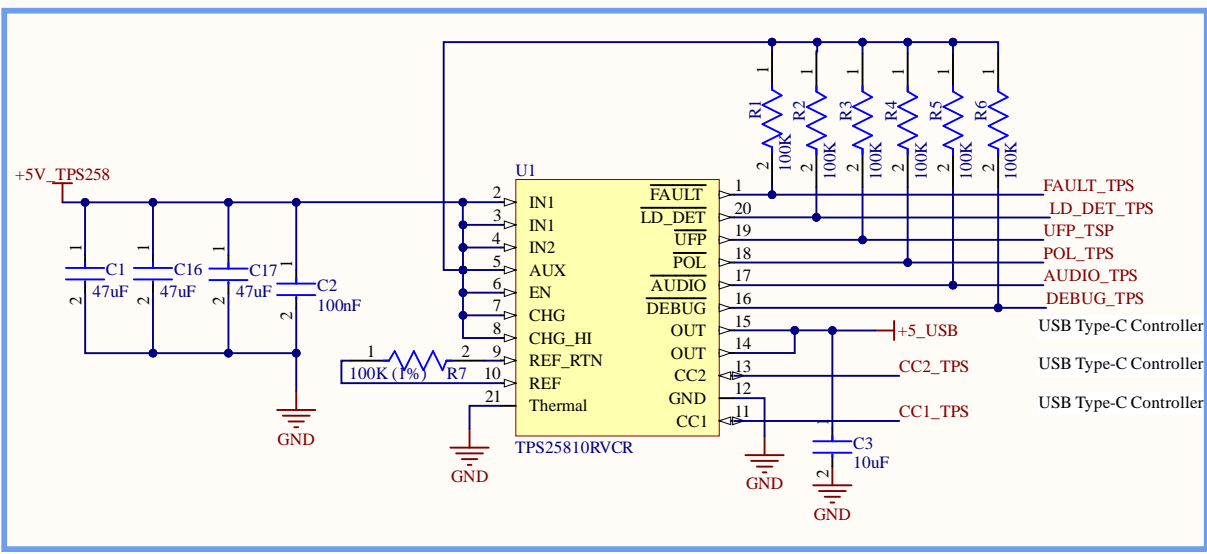
Boost Converter



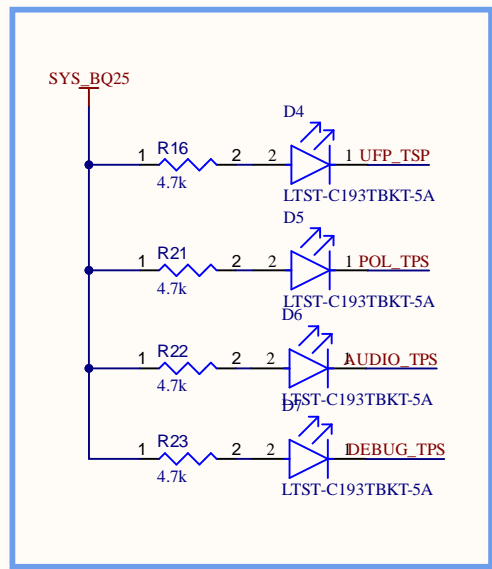
Shunt Resistor Current - Boost output



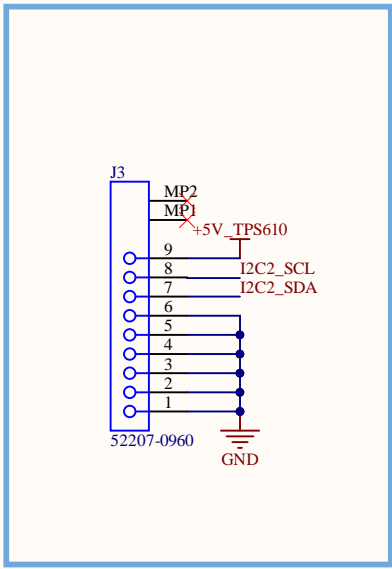
USB SOURCE



USB NOTIFICATION



Fuel Gauge Connector



Title		
Size	Number	Revision
C		
Date:	9/20/2025	Sheet of
File:	Battery_Pack_1A.SchDoc	Drawn By: