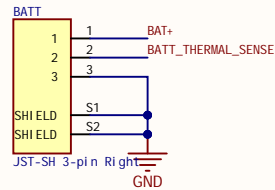
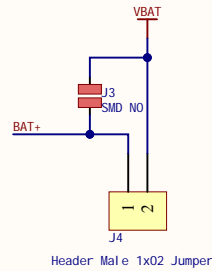


Battery connector

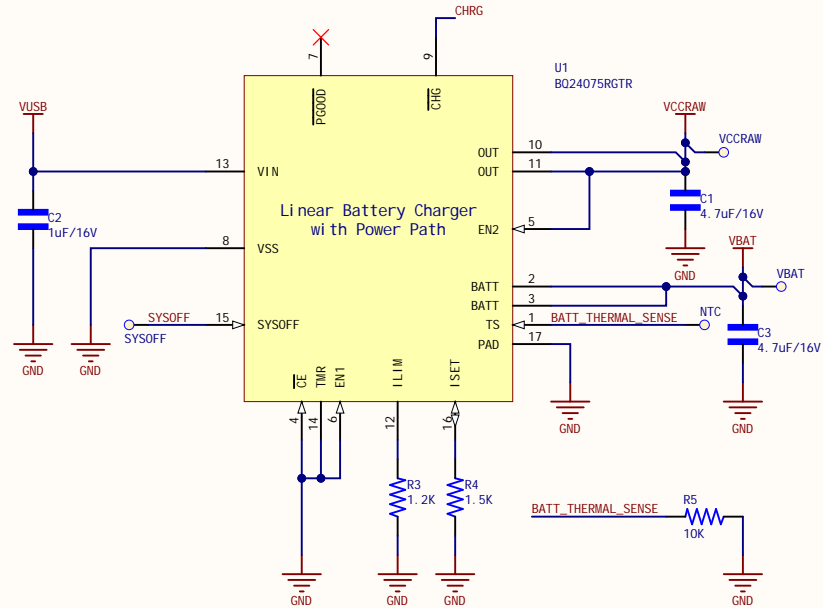


TODO: ADD BATTERY CONNECTOR WITH THERMAL PIN

Currentmeter

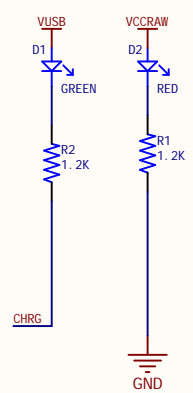


Battery Charger Circuit

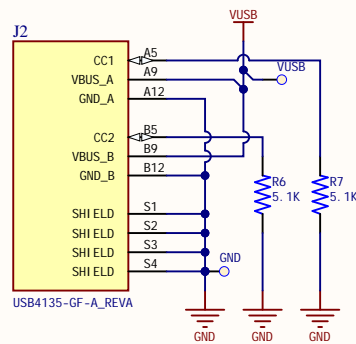


System Enable Input. Connect SYSOFF high to turn off the FET connecting the battery to the system output. When an adapter is connected, charging is also disabled. Connect SYSOFF low for normal operation. SYSOFF is internally pulled up to V_{BAT} through a large resistor (~5 MΩ). Do not leave SYSOFF unconnected to ensure proper operation.

Status Leds

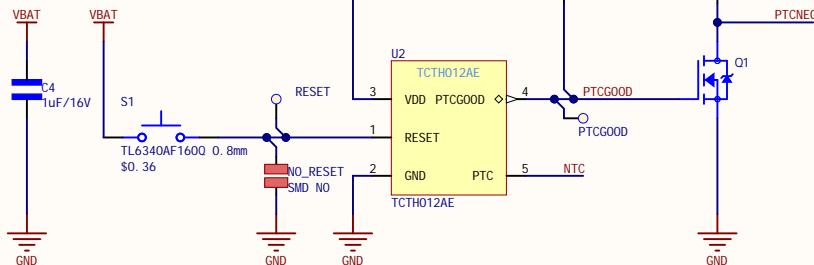
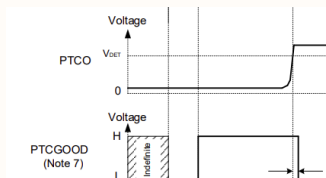


USB Connector

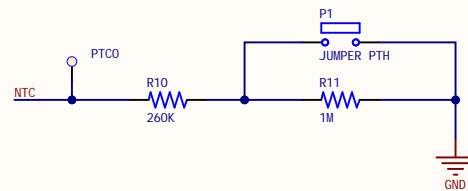


USB4135-GF-A_REVA

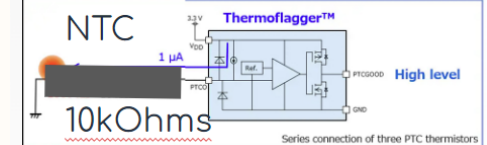
ThermoFlagger



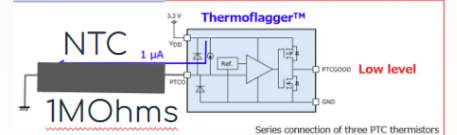
NTC



OverTemperature



Normal



Title		
Size	Number	Revision
Letter		
Date:	8/09/2024	Sheet of
File:	C:\Users\...\ThermoFlagger.SchDoc	Drawn By: