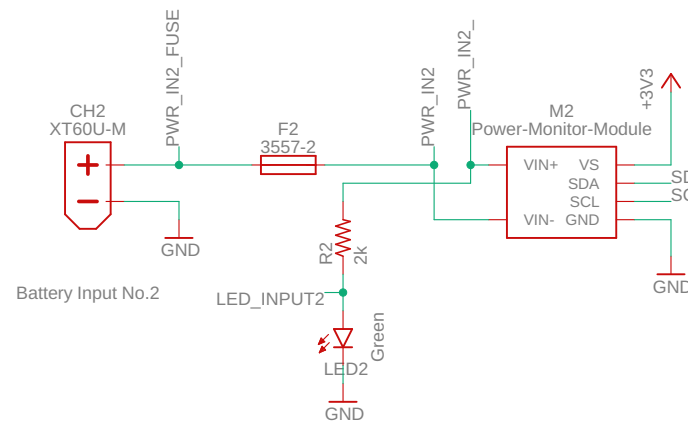
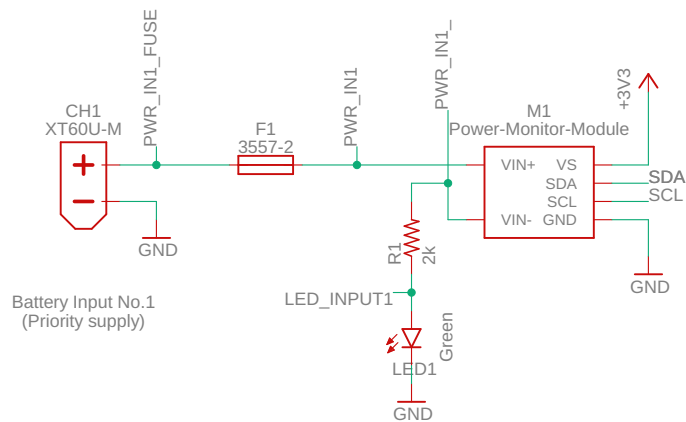
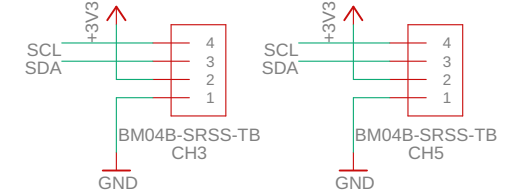


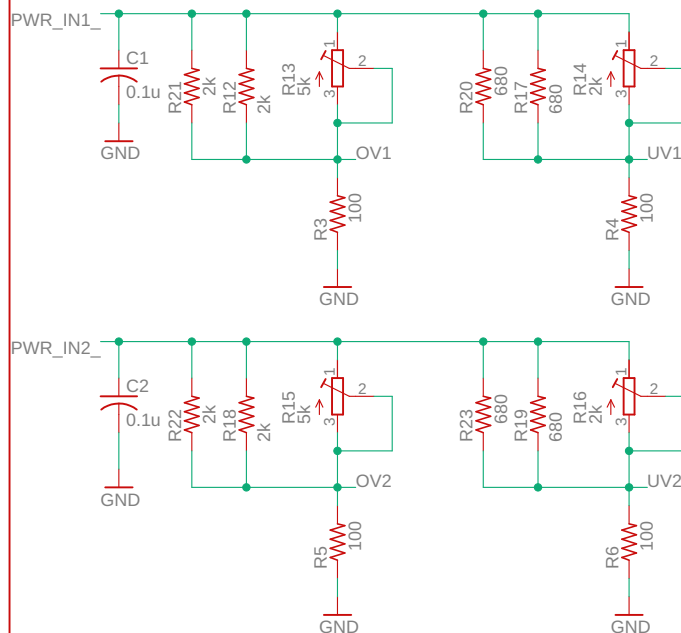
## Power Inputs



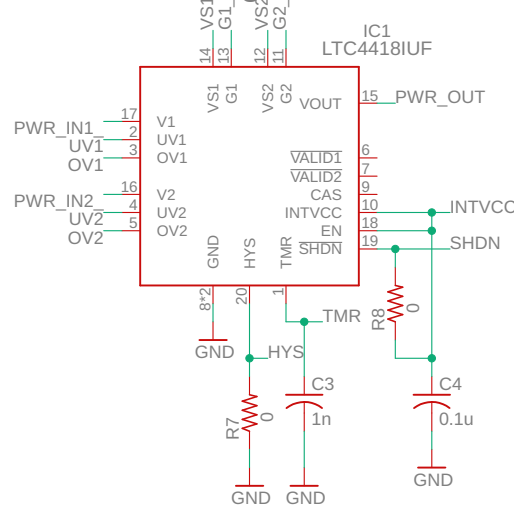
## QWIIC (I2C I/F Connector)



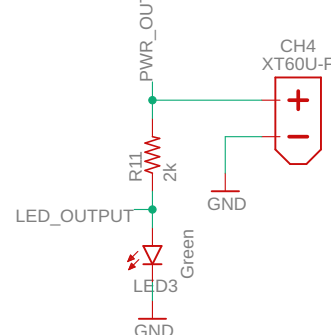
## Undervoltage / Overvoltage Comparator



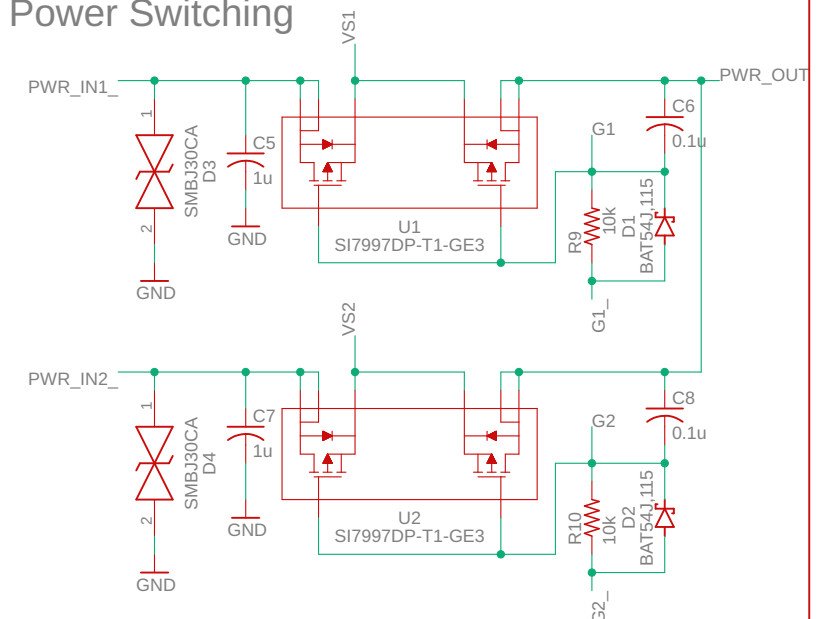
## Power Switching Control



## Power Output



## Power Switching



Actual Thresholds by Resistor Network  
UV: Fall 1V, Rise 1.03V ~ Fall 21V, Rise 21.63V  
OV: Fall 0.97V, Rise 1V ~ Fall 30.07V, Rise 31V

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**Title:** SUSTAINA Power Supply Switching Board

**Design by:** Masato Kubotera

**Rev.:** 1.0

**Date:** June 12, 2024

**Sheet:** 1/1