

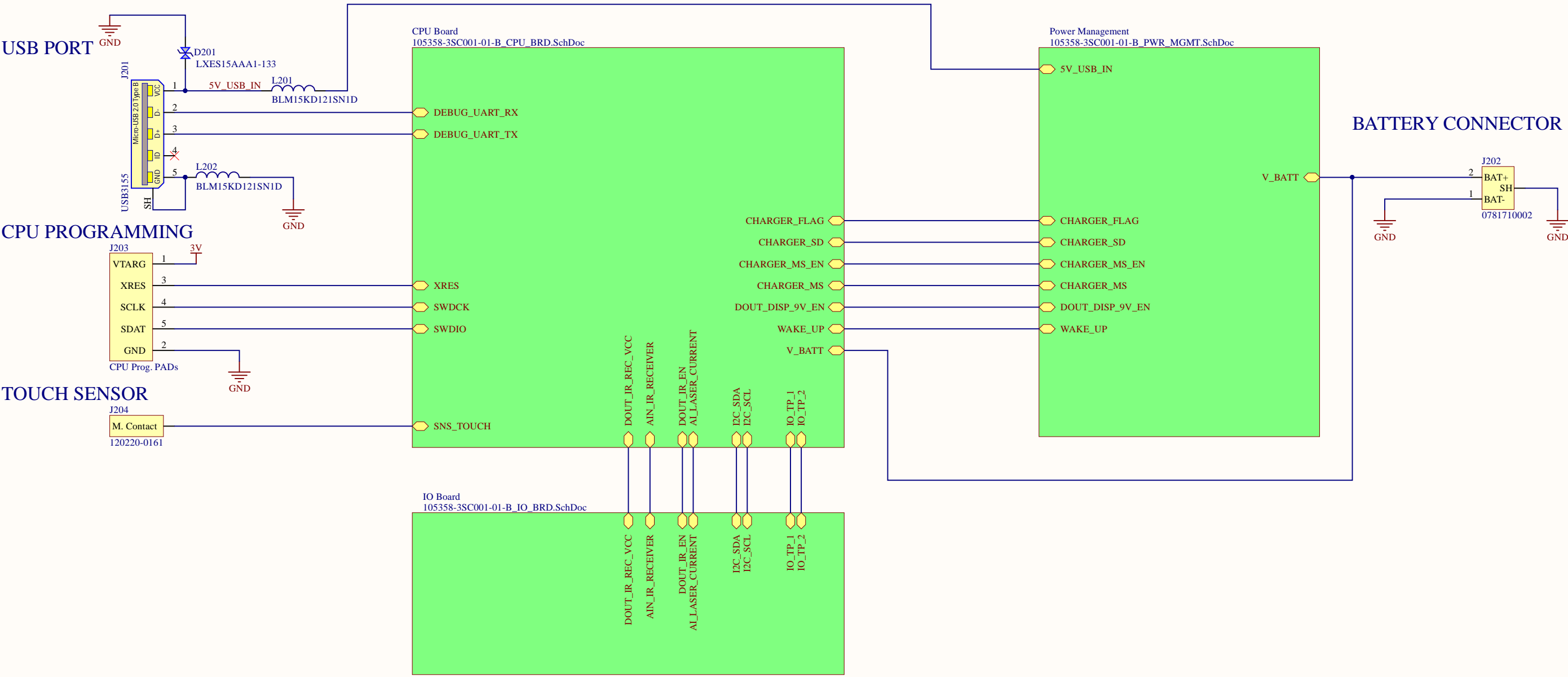
Electronics Functional Model 1 - Mini

Schematic version 105358-3SC001-01-B

Block diagram
105358-3SC001-01-B_BlockDiagram.SchDoc

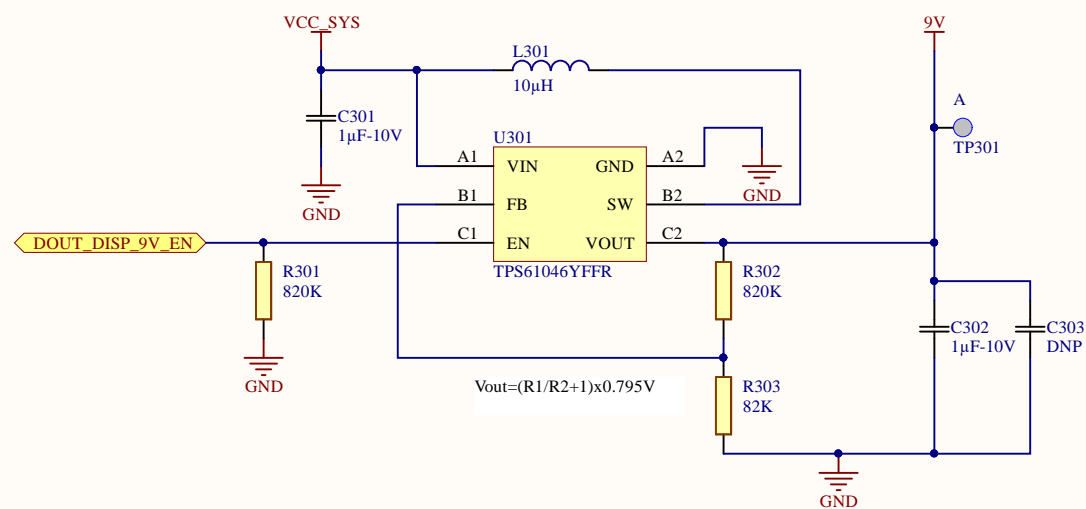
2	Block Diagram
3	Power Management
4	CPU
5	IR Barrier

Block Diagram

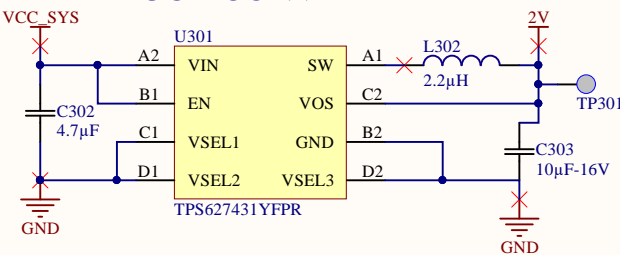


Power Management

BOOST CONVERTER

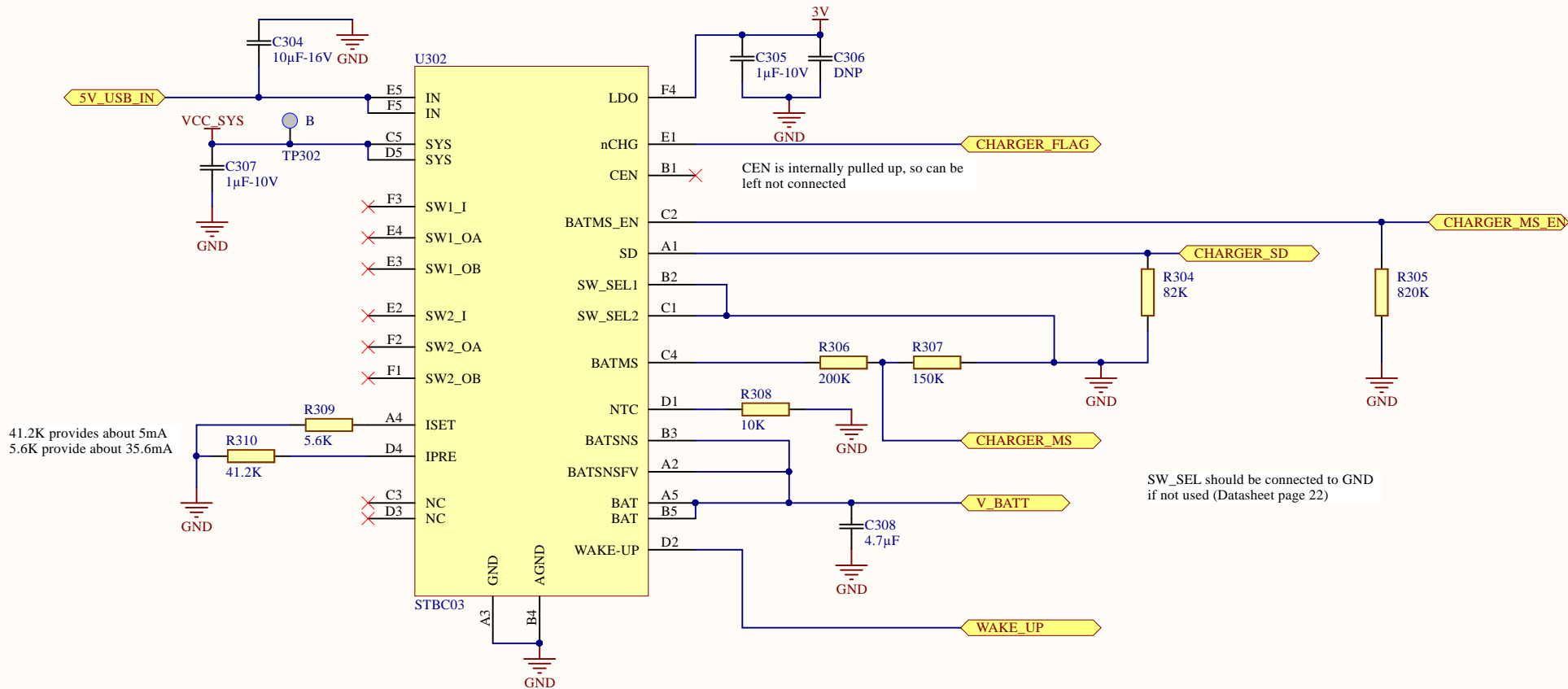


BUCK CONVERTER



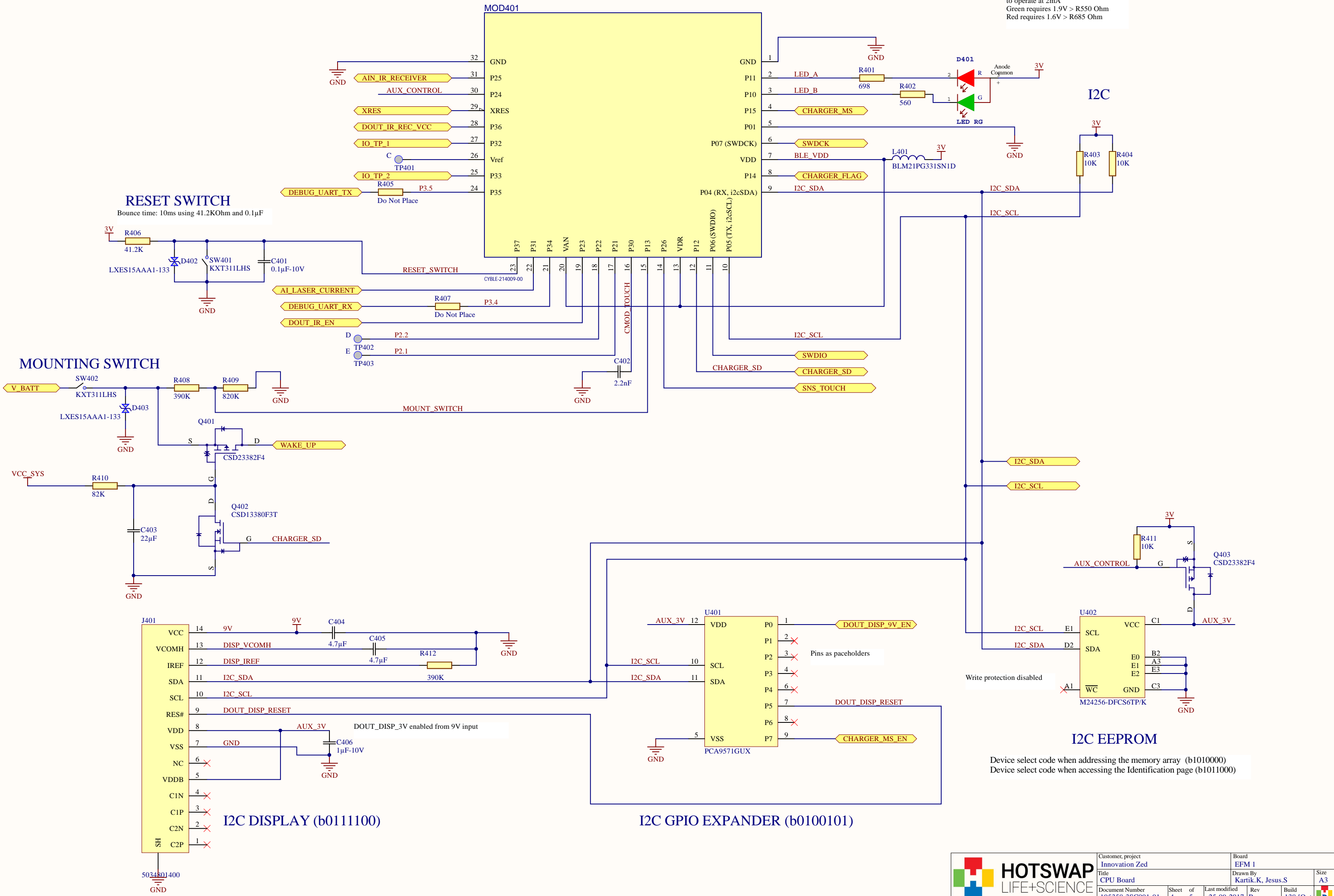
Note: Removed from Layout
Components made Graphical

BATTERY CHARGER



CPU

to operate at 2mA
Green requires 1.9V > R550 Ohm
Red requires 1.6V > R685 Ohm



IR Barrier

LIGHT BARRIER

