

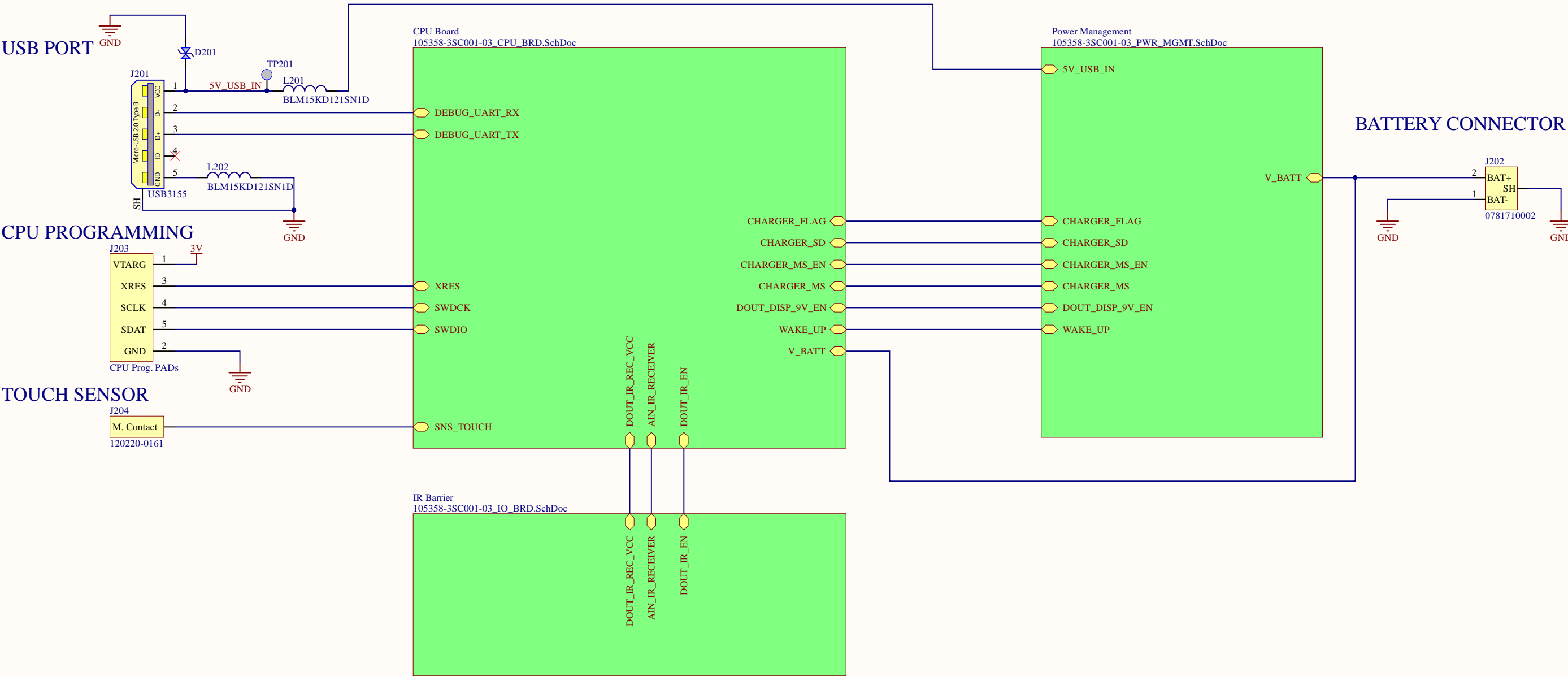
Electronics Field Prototype 1

Schematic version 105358-3SC001-03-C

Block diagram
105358-3SC001-03_BlockDiagram.SchDoc

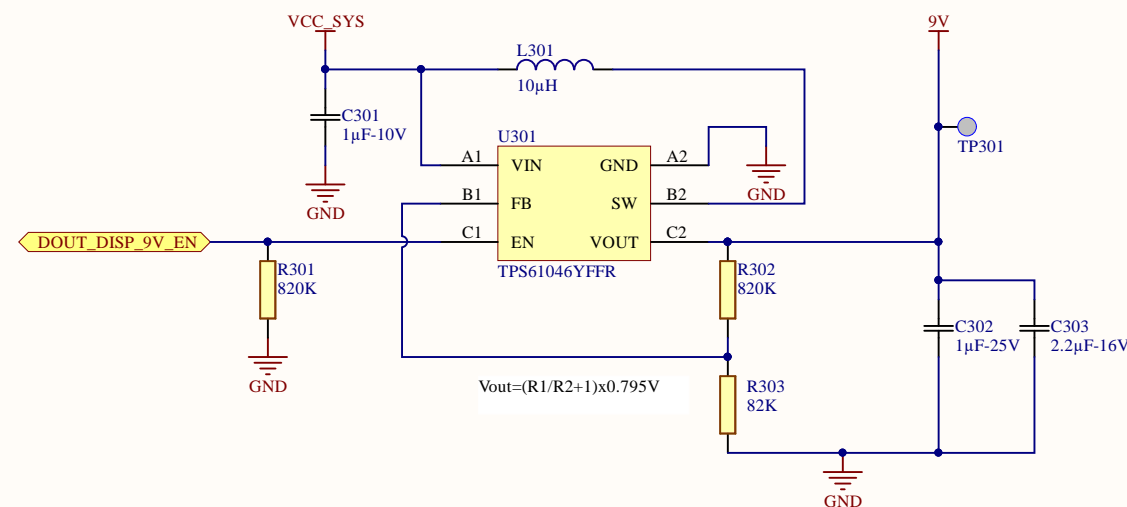
2	Block Diagram
3	Power Management
4	CPU
5	IR Barrier

Block Diagram

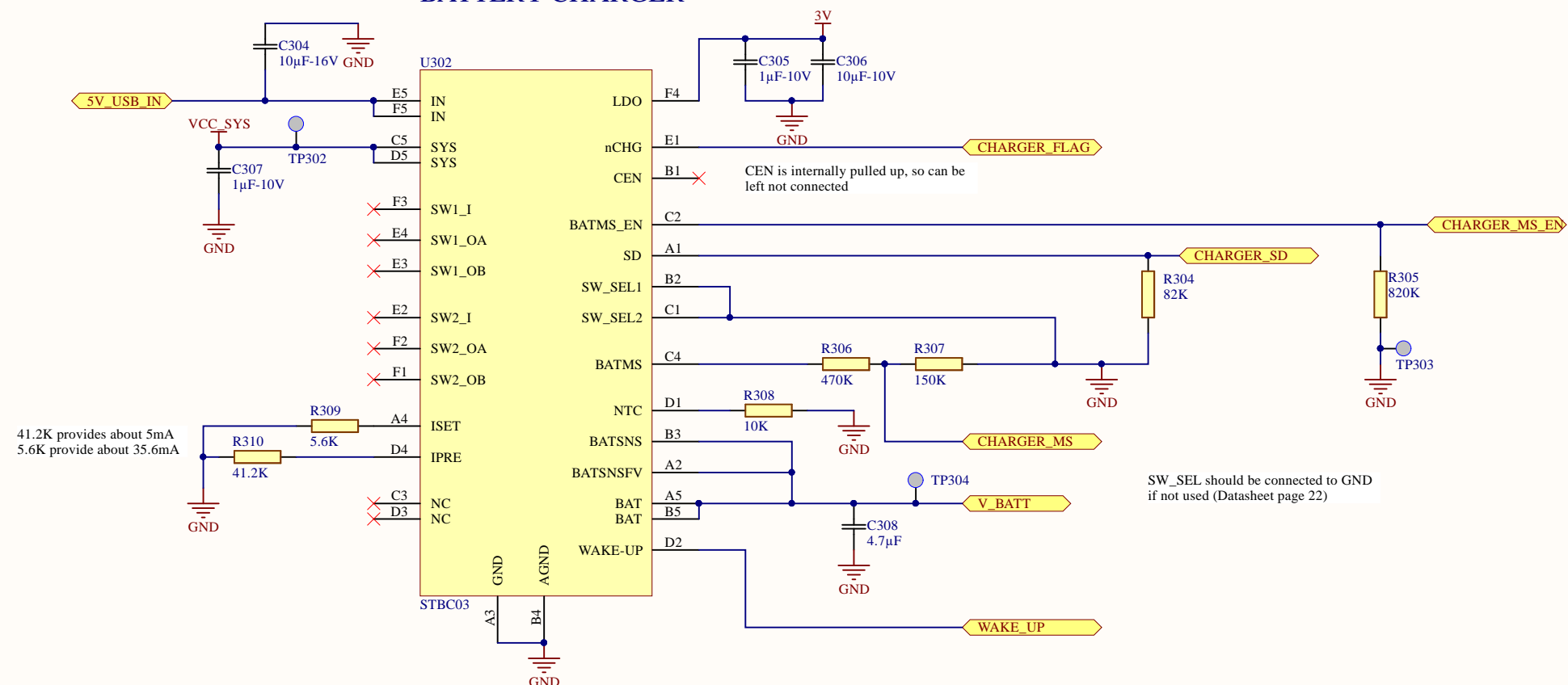


Power Management

BOOST CONVERTER

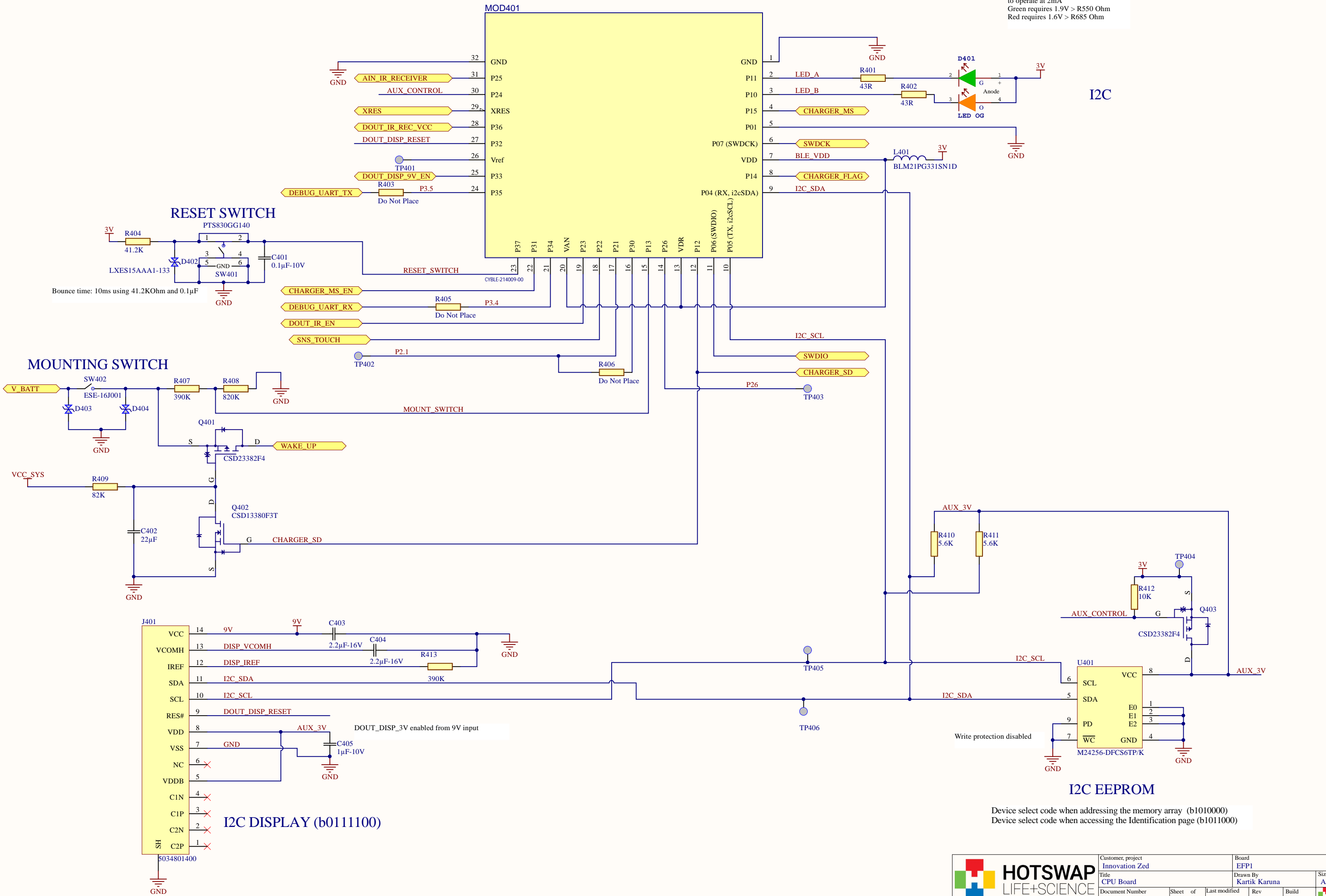


BATTERY CHARGER



CPU

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



Device select code when addressing the memory array (b1010000)
Device select code when accessing the Identification page (b1011000)

IR Barrier

LIGHT BARRIER

