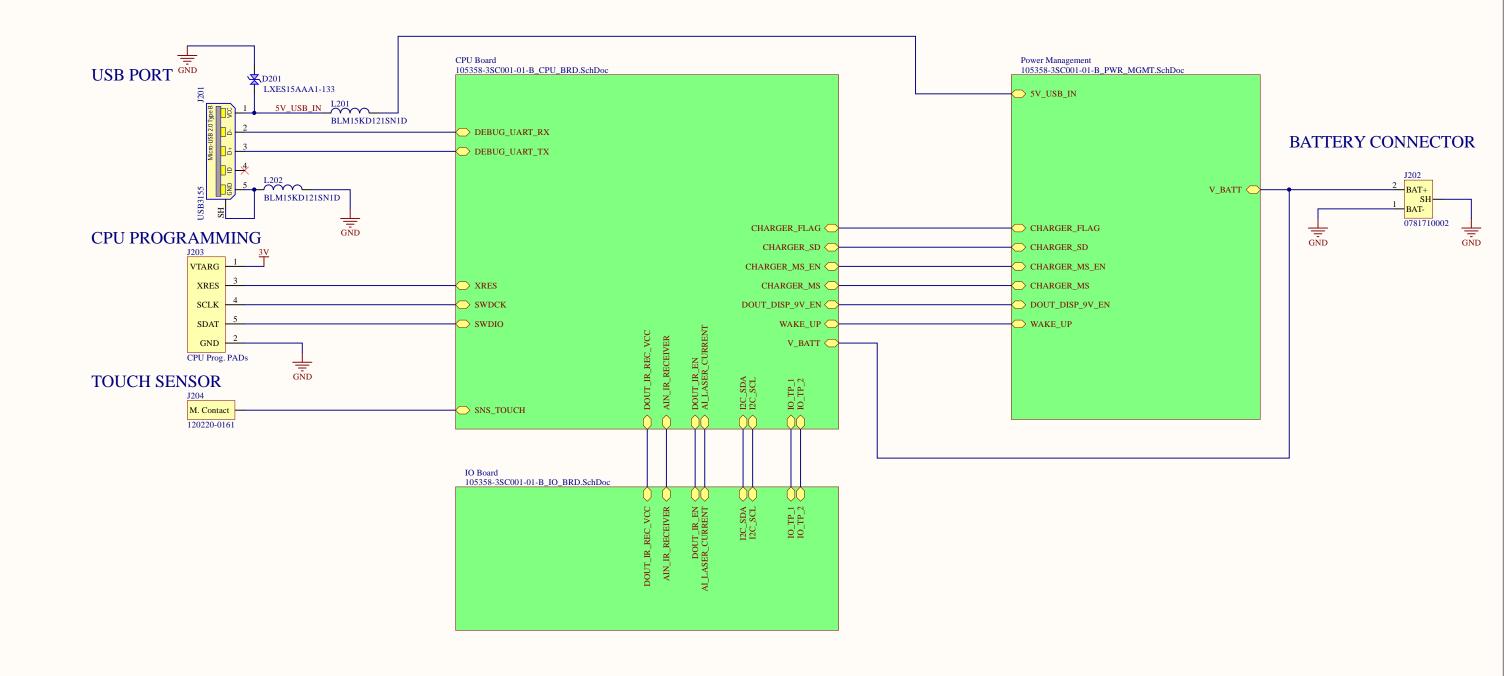
## Electronics Functional Model 1 - Mini Schematic version 105358-3SC001-01-B

Block diagram 105358-3SC001-01-B\_BlockDiagram.SchDoc

- 2 Block Diagram
- 3 Power Management
- 4 CPU
- 5 IR Barrier

### Block Diagram

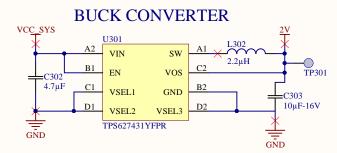




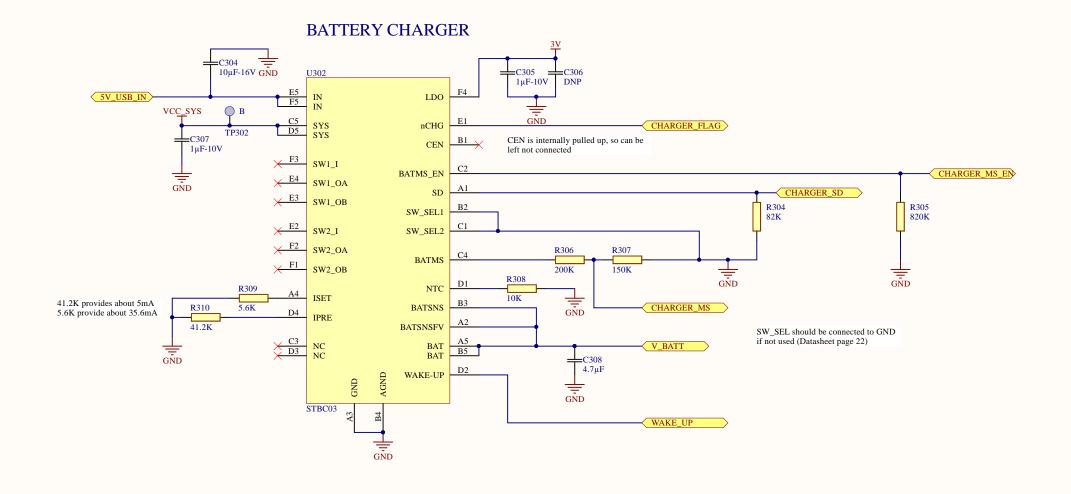


### Power Management

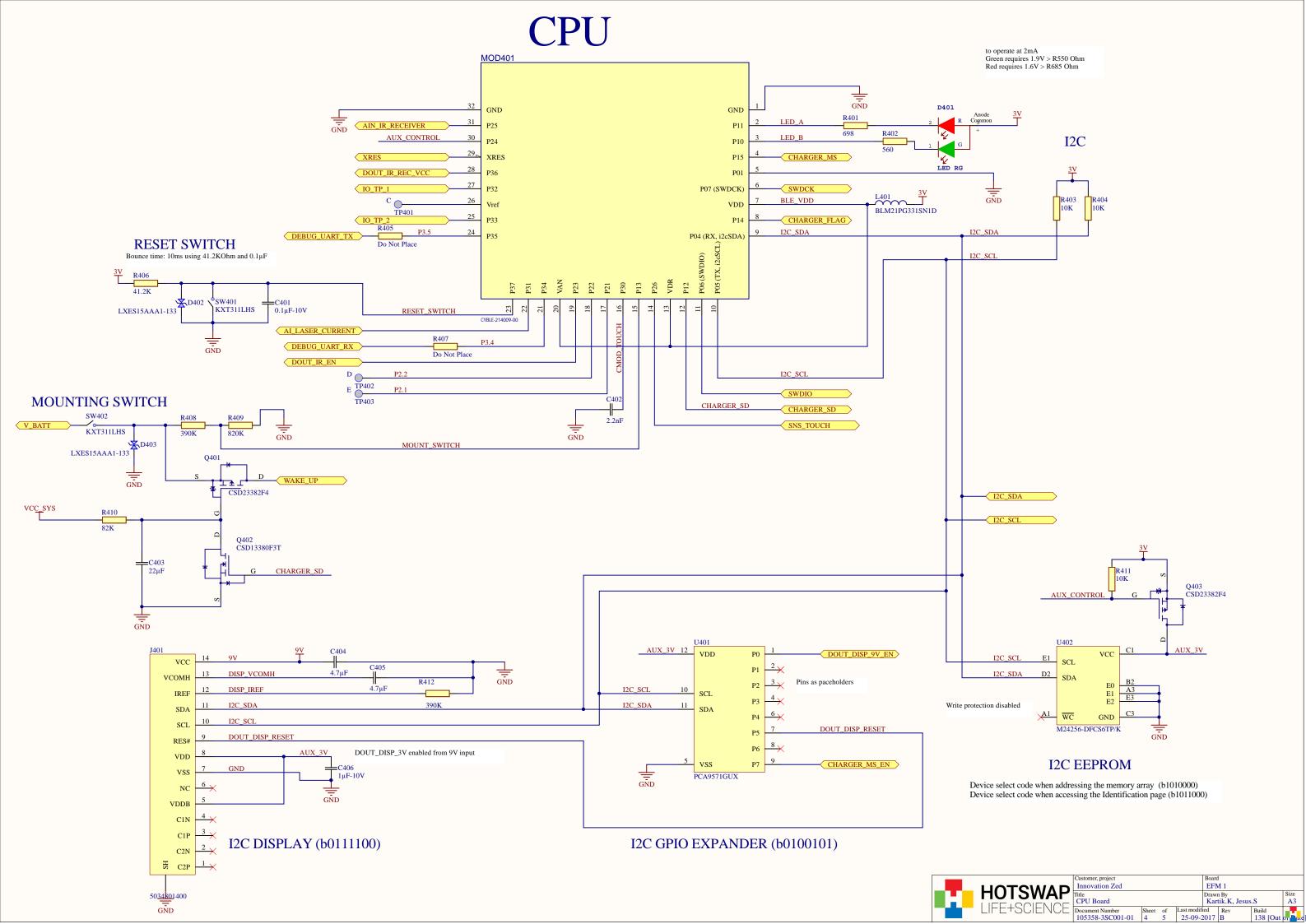
# BOOST CONVERTER VCC\_SYS L301 10μH VIN GND A2 FB SW B2 GND R301 R301 R20K R301 R20K R302 R302 R303 R20K Vout=(R1/R2+1)x0.795V R303 R20K



Note: Removed from Layout Components made Graphical



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### IR Barrier

#### LIGHT BARRIER

