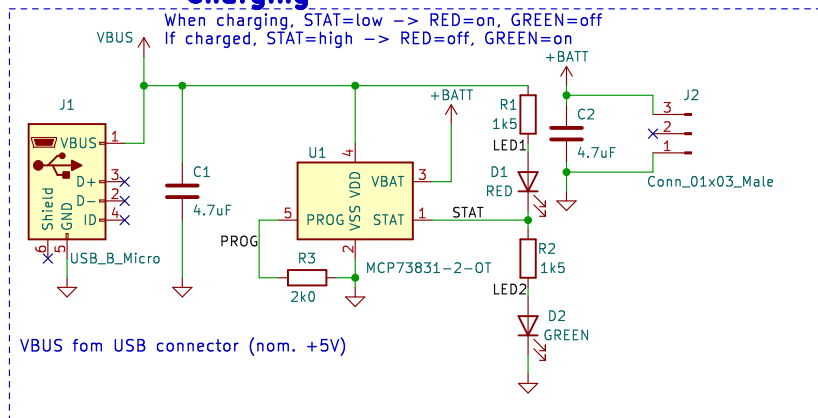
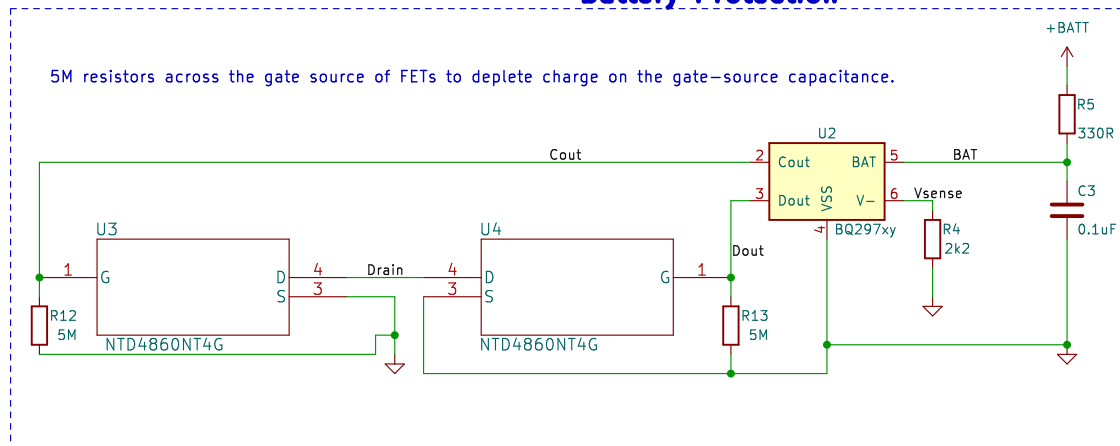


Charging

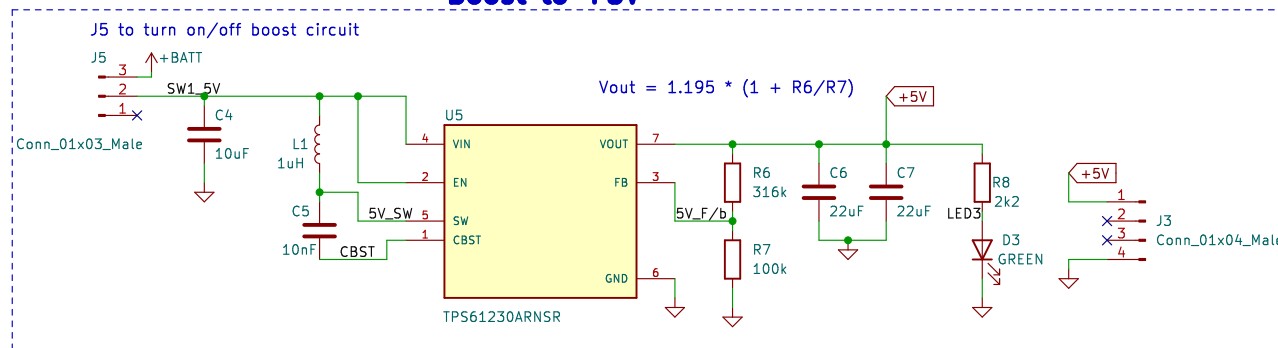


Battery Protection

5M resistors across the gate source of FETs to deplete charge on the gate-source capacitance.

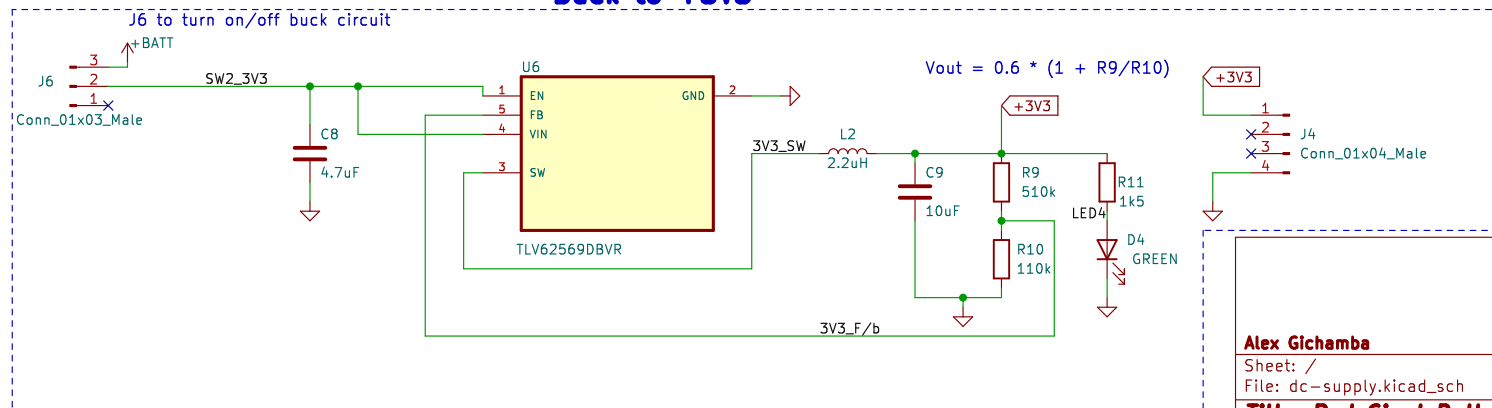


Boost to +5V



Red Giant Battery Shield

Buck to +3V3



M2 Mounting holes

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

Alex Gichamba

Sheet: /

File: dc-supply.kicad_sch

Title: Red Giant Battery Shield

Size: A4 Date: 2022-02

KiCad E.D.A. kicad (6.0.1)

Rev: 1.0

Id: 1/1