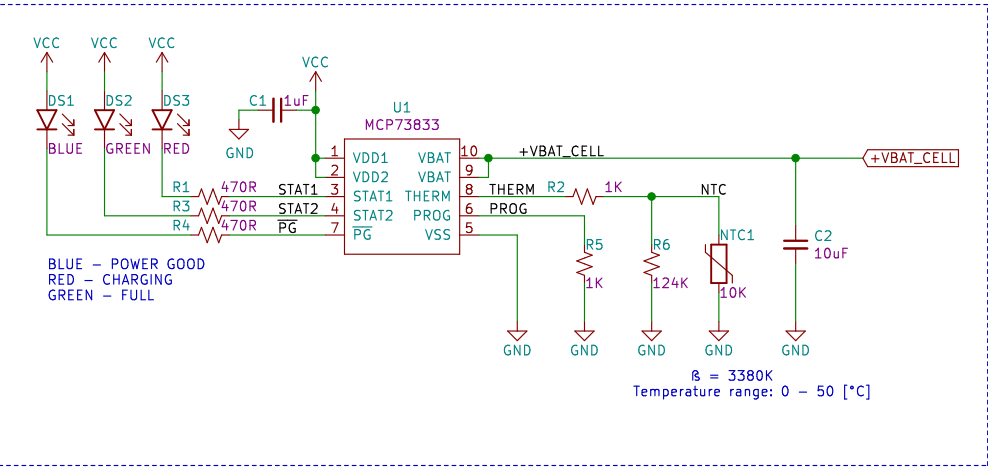


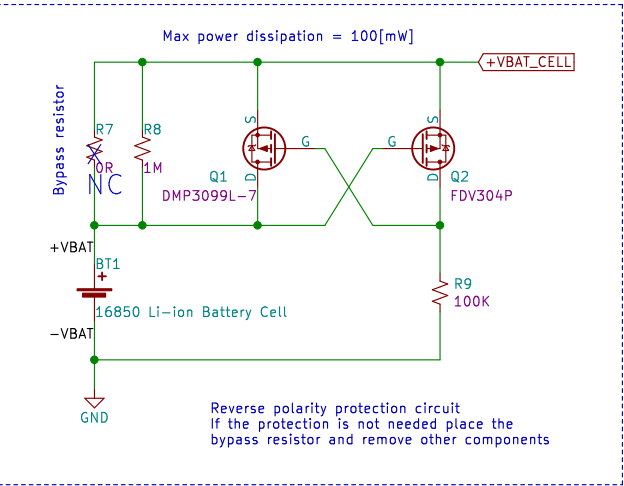
Rechargeable 5[V] power bank

The design is intended for 3.7[V] Li-Ion 16850 battery cell

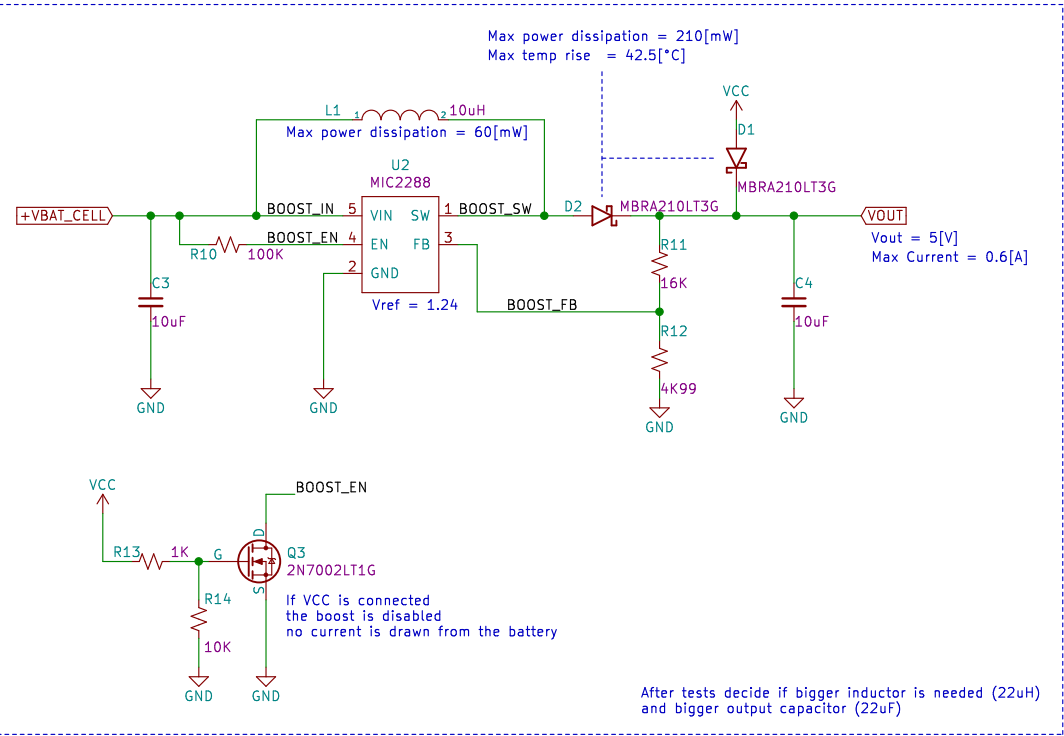
Battery charger



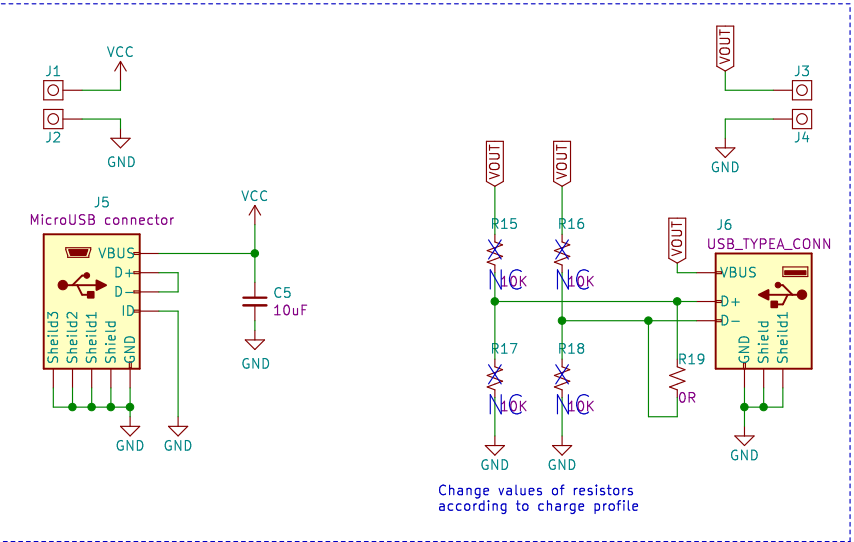
Battery cell



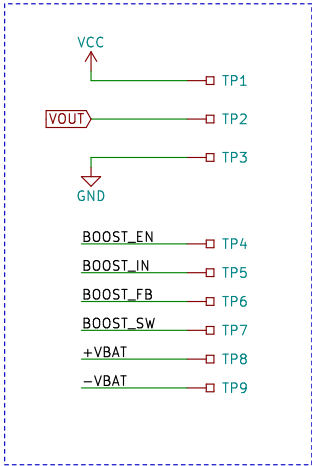
Boost converter 3.7 [V] -> 5 [V]



Connectors



Test points



Specifications:

Vin (VCC) = 5[V]
Vout = 5[V]
Max output current = 0.6[A]
Battery charge current = 1[A]
*For other charge current replace Rprog
** The max output current and power are determined by the battery cell

X
NC - Marks 'not connected' components

Rechargeable 5[V] power bank

Designed by Shahar S.

Sheet: /
File: Battery Charger Rev 0.11.sch

Title: Main

Size: A3 Date: 7-Jul-2020
KiCad E.D.A. kicad (5.1.6)-1

Rev: 0.11
Id: 1/1

