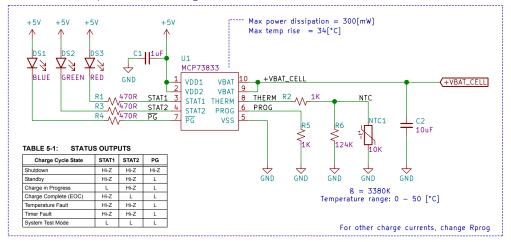
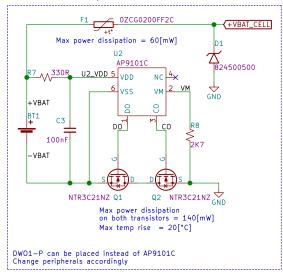
Rechargable 5[V] power bank

The design is intended for one 3.7[V] Li-Ion 18650 battery cell

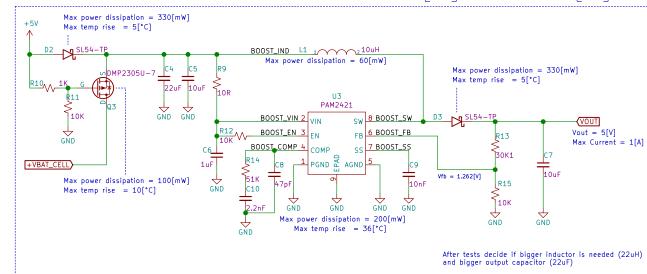
Battery charger



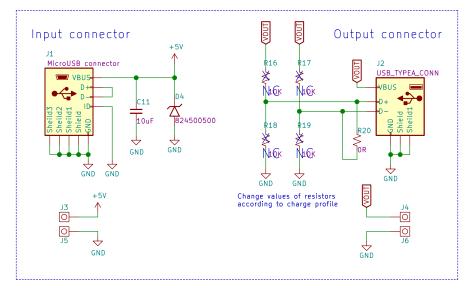
Battery cell



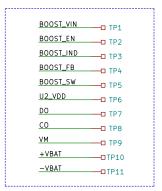
Boost converter 3.7 $[V] \rightarrow 5 [V]$



Connectors



Test points



Specifications:

Vin = 5[V]

Vout = 5[V]

Max output current = 1[A]

Battery charge current = 1[A]

*For other charge currents change Rprog

** The max output current and power
are determined by the battery cell

MAKE SURE YOUR BATTERY CAN WITHSTAND THE MAX RATINGS

X NC – Marks 'not connected' components

