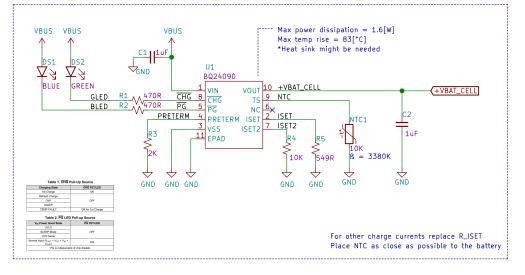
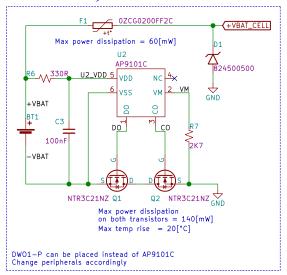
# Rechargable 5[V] power bank

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

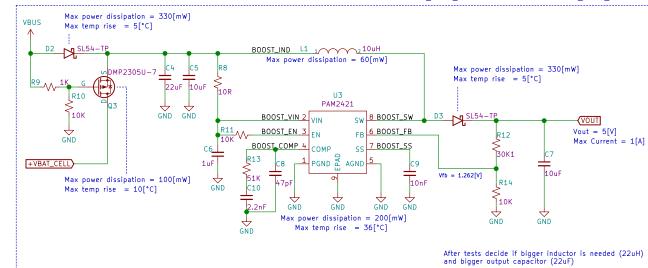
## Battery charger



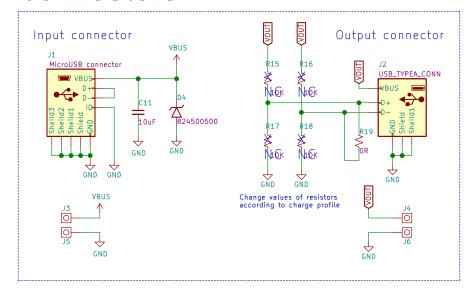
### Battery cell



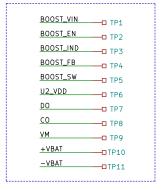
# Boost converter 3.7 $[V] \rightarrow 5 [V]$



#### 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 R\_ISET
\*\* 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

