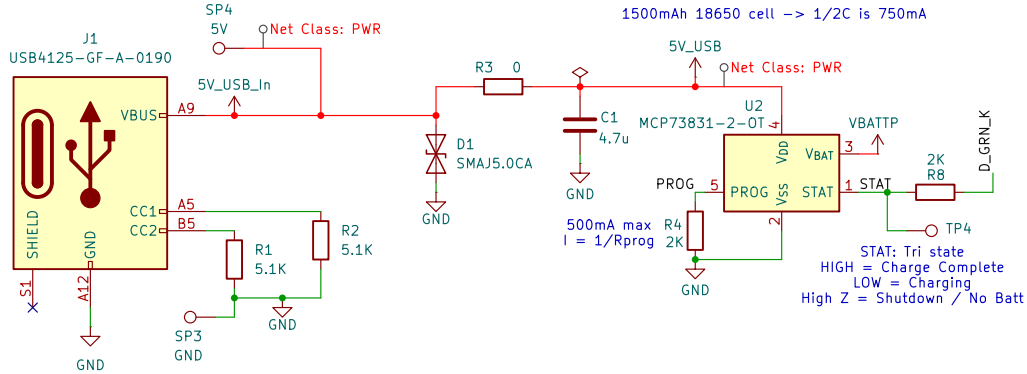
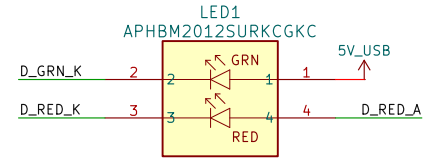


## Li Ion Charger

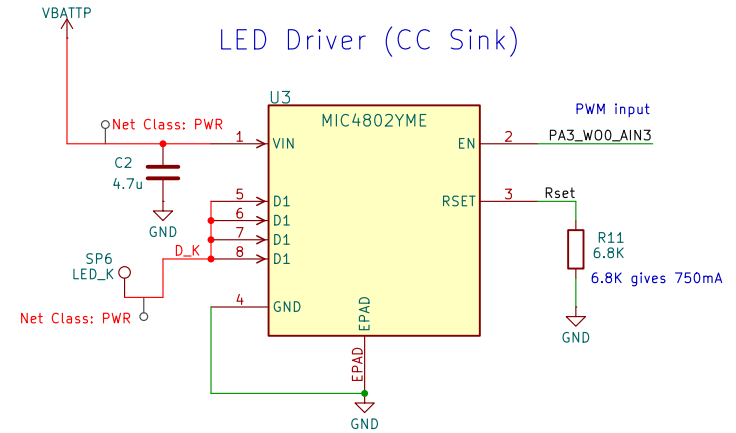
1500mAh 18650 cell  $\rightarrow$  1/2C is 750mA



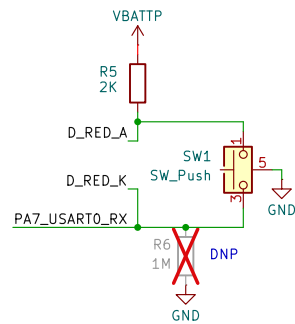
Create capacitive plane for shield (low Z path to earth). Keep separate from from System Ground



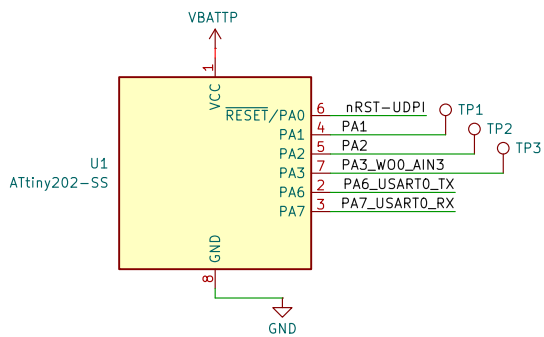
## LED Driver (CC Sink)



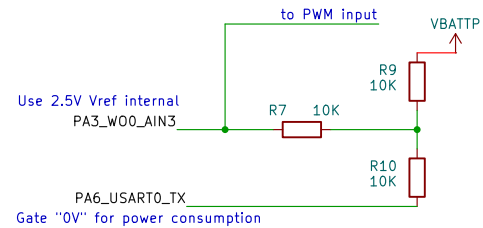
## Low Power LED and BTN Sense



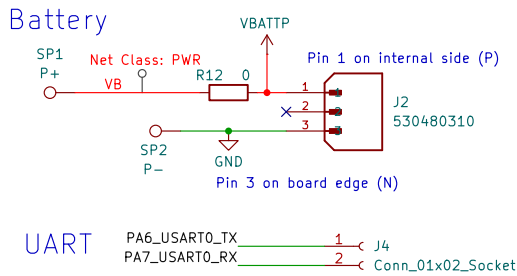
## MCU



## ADC & PWM Mux



## Connections



## UART



## Prog/Debug

