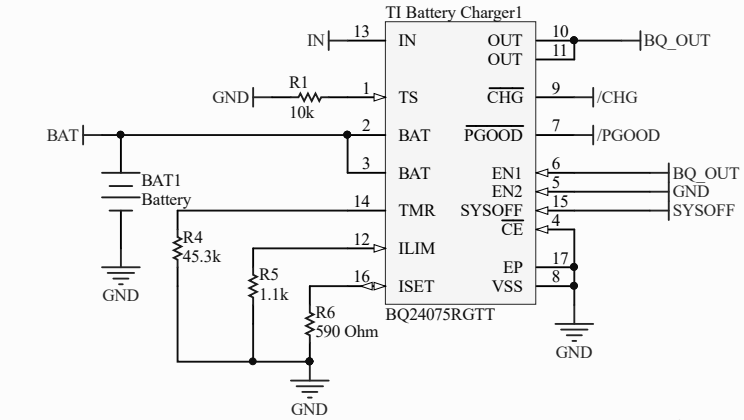
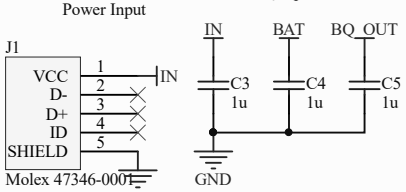


Charger Information

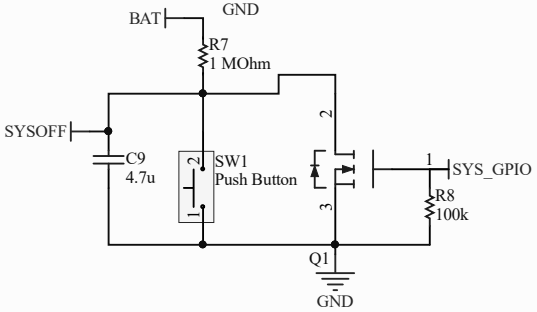
R_TMR = 45.3k ->
R_ILIM = 1.1k
R_ISET = 590 Ohm

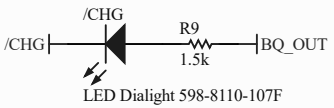
Power Input

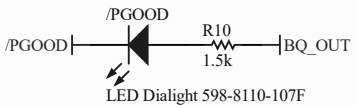


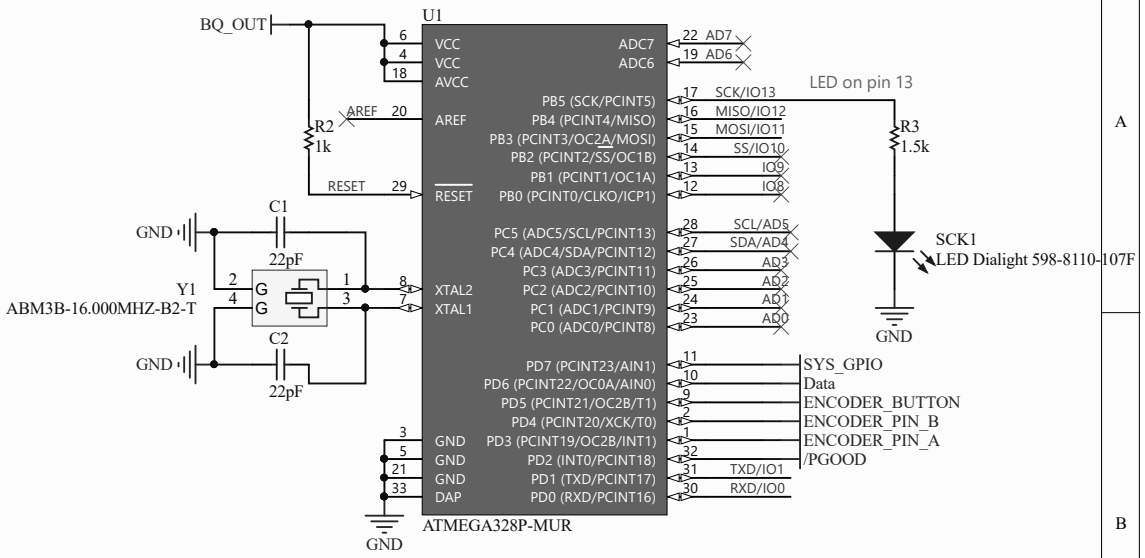
BQ capacitors

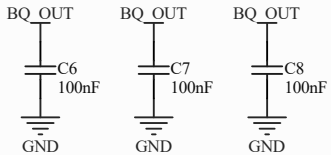

```
if button pushed:
    SYSOFF pulled low
if button not pushed:
    SYSOFF high
if GPIO = HIGH:
    SYSOFF pulled low
if GPIO = LOW:
    SYSOFF high

if SYSOFF low and BAT
power only:
    OUT powered by BAT
if SYSOFF high and BAT
power only:
    OUT = 0
if VIN?
```

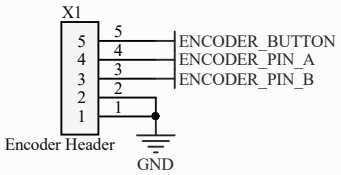


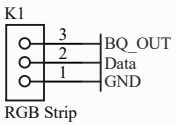


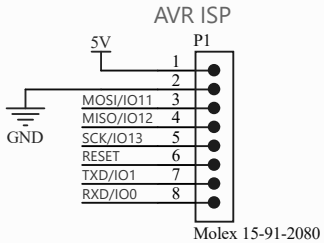












Title: TotallyNotALiteSaber		
Size: Letter	Number:	Revision:
Date: 6/20/2020		Sheet of
File: [Saberstick] AtMega328P.SchDoc		Drawn By: Anthony Pham