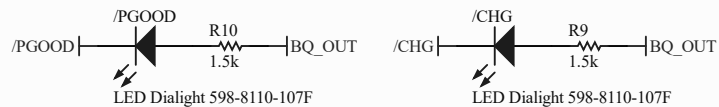


Charger Information

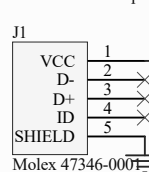
R_TMR = 45.3k ->
 R_ILIM = 1.1k
 R_ISET = 590 Ohm
 EN2 = GND = 0
 EN1 = HI = 1

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

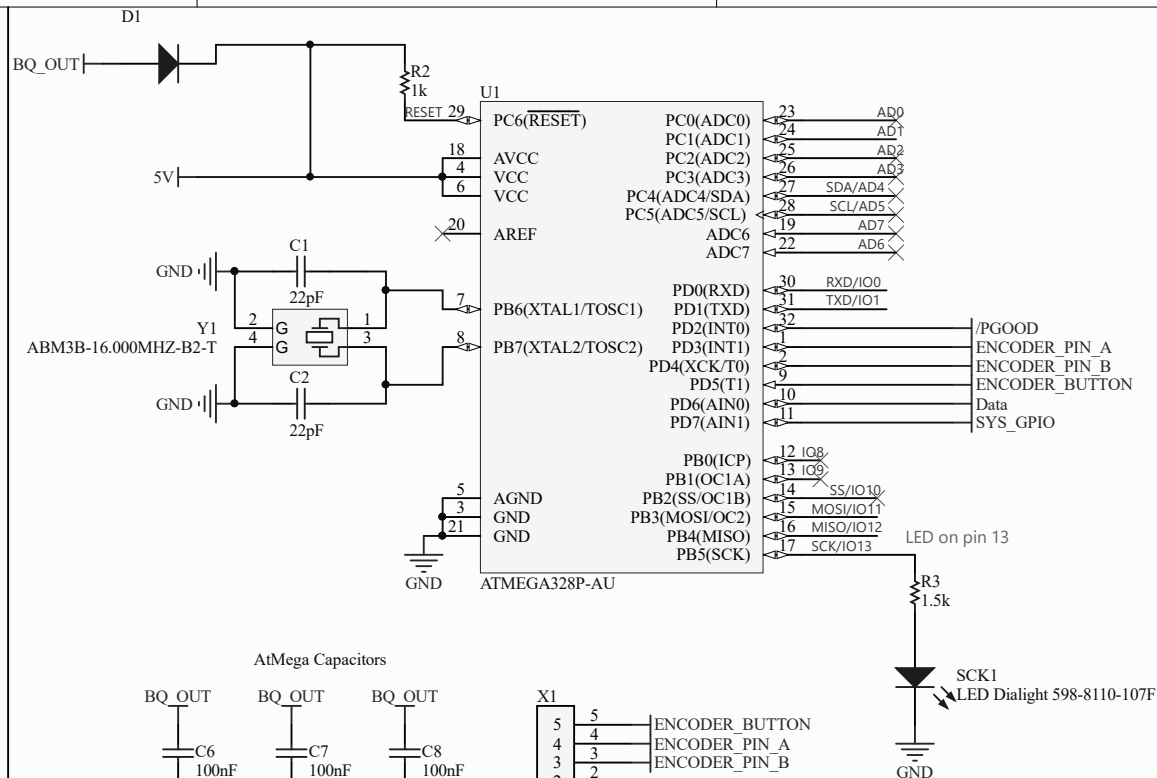
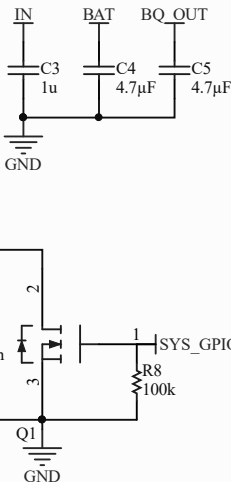
if SYSOFF low and BAT
 power only:
 OUT powered by BAT
 if SYSOFF high and BAT
 power only:
 OUT = 0
 if VIN?



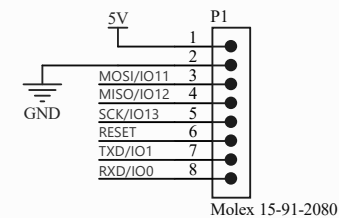
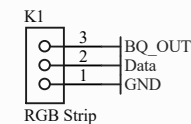
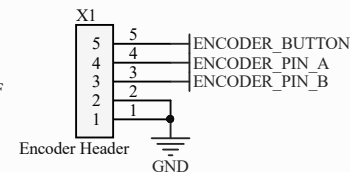
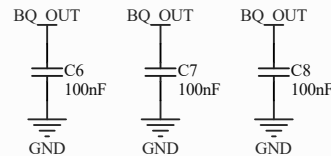
Power Input



BQ capacitors



AtMega Capacitors



Title		
TotallyNotALiteSaber		
Size	Number	Revision
Letter		
Date:	7/7/2020	Sheet of
File:	[Saberstick] AtMega328P.SchDoc	Drawn By: Anthony Pham