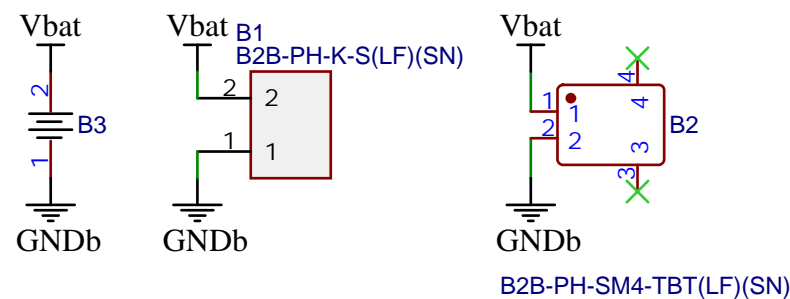
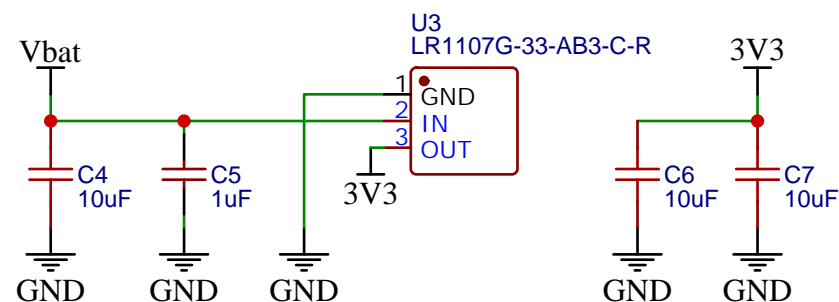


LiPo Battery 1S

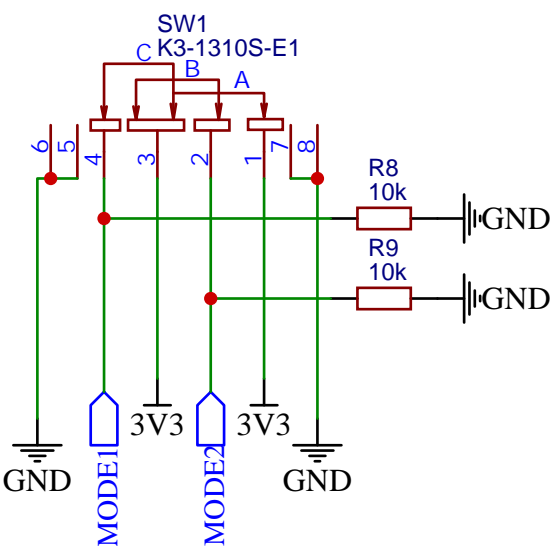


Connector: JST PH 2mm
 Manufacturer P/N: B2B-PH
 Note: A connector for each battery polarity is available

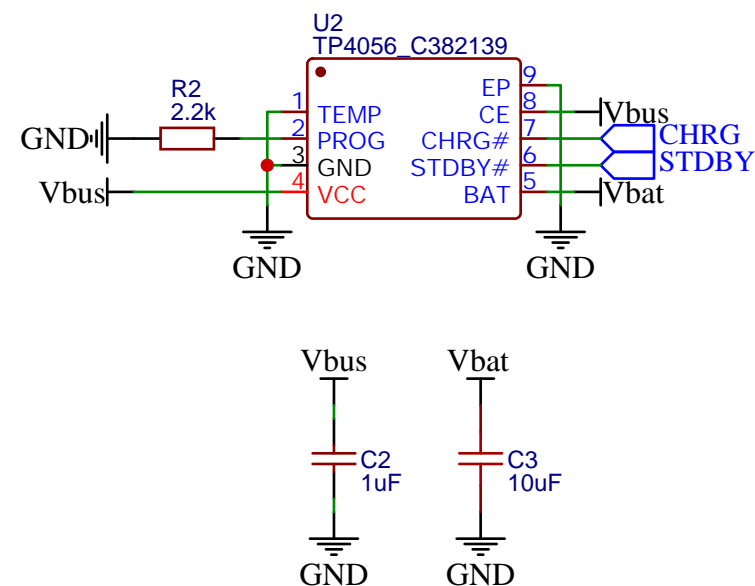
LDO 3V3



Mode Switch

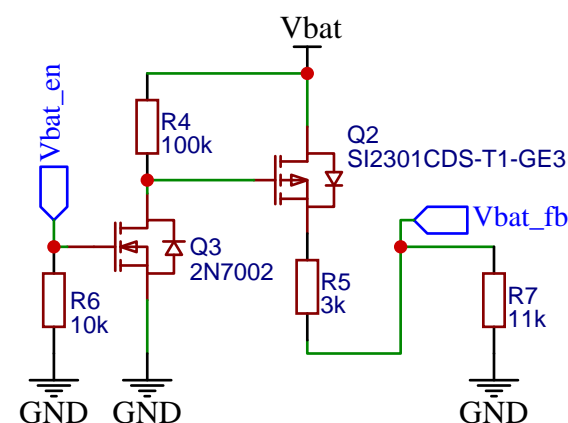


LiPo Charging

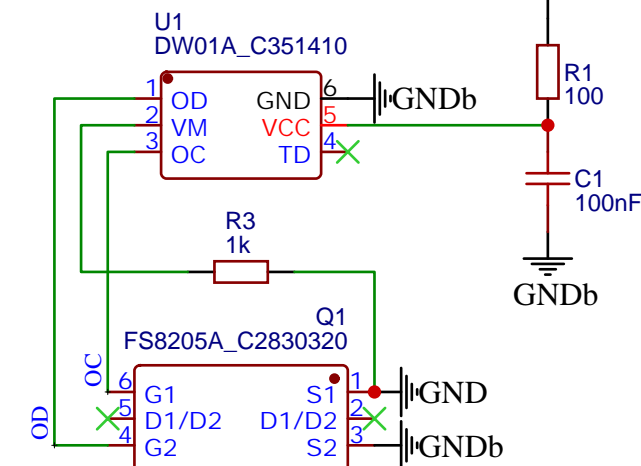


CHRG = Battery is charging (Red LED)
 STDBY = Battery is charged (Green LED)
 Reference: https://easyeda.com/Little_Arc/TP4056

Battery Voltage



LiPo Protection



TITLE:

Power_Supply

REV: 1.0

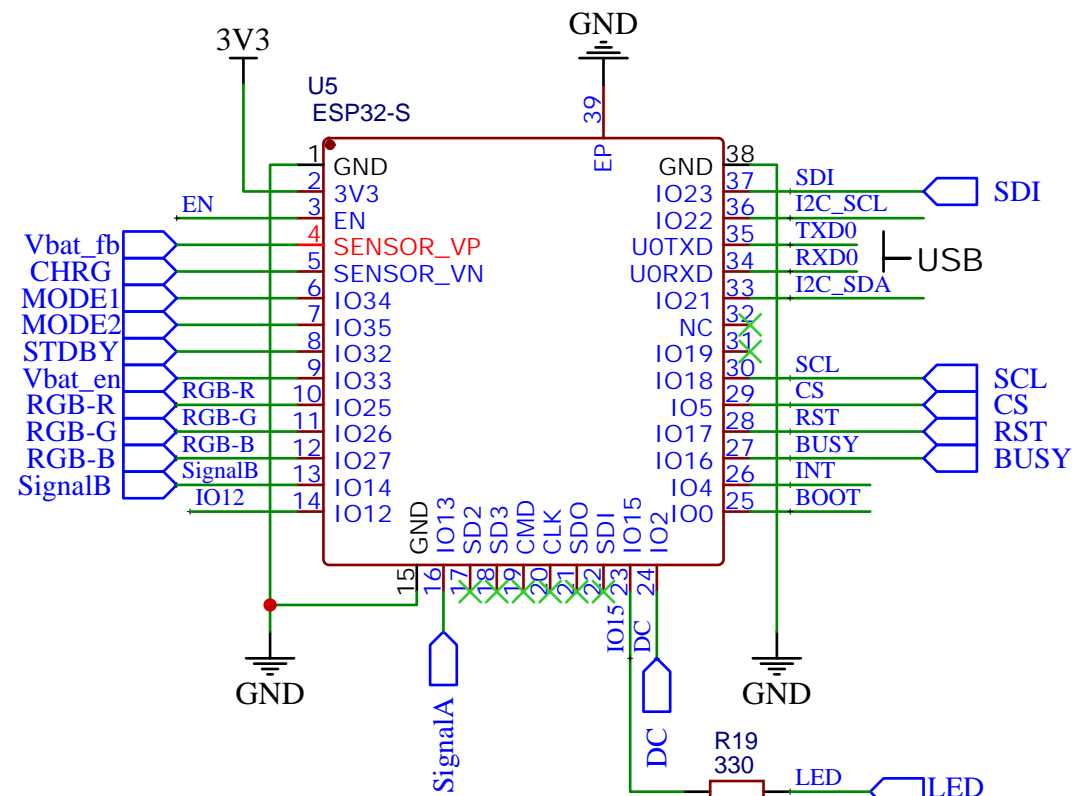


Company: ÉTS Montréal

Sheet: 1/4

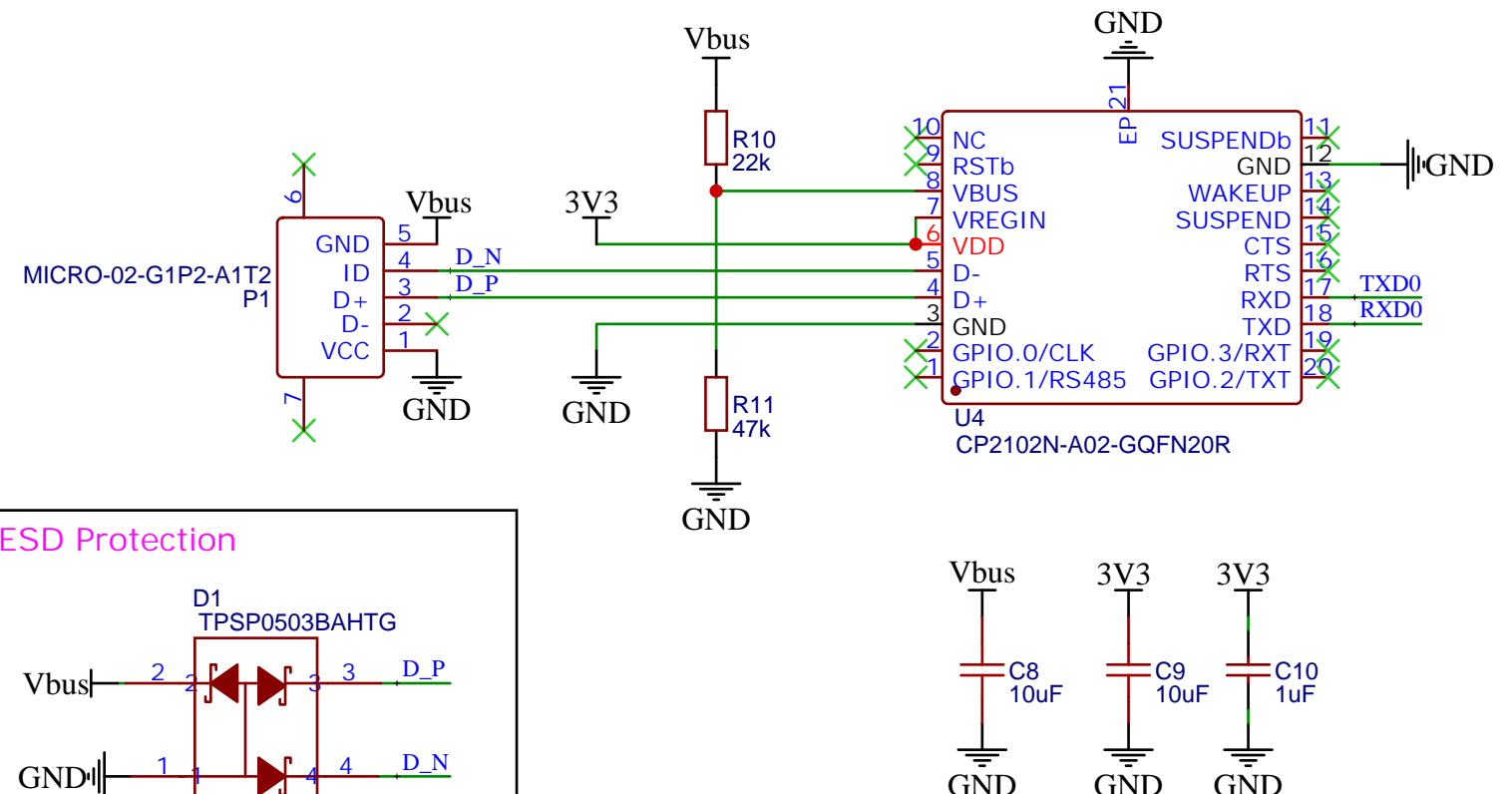
Date: 2022-02-15 Drawn By: Yoann Scrosati

MCU - ESP32

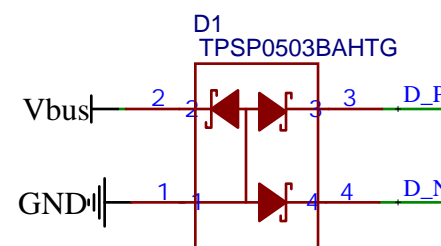


Reference: <https://www.mischianti.org/2021/05/26/esp32-s-high-resolution-pinout-and-specs/>

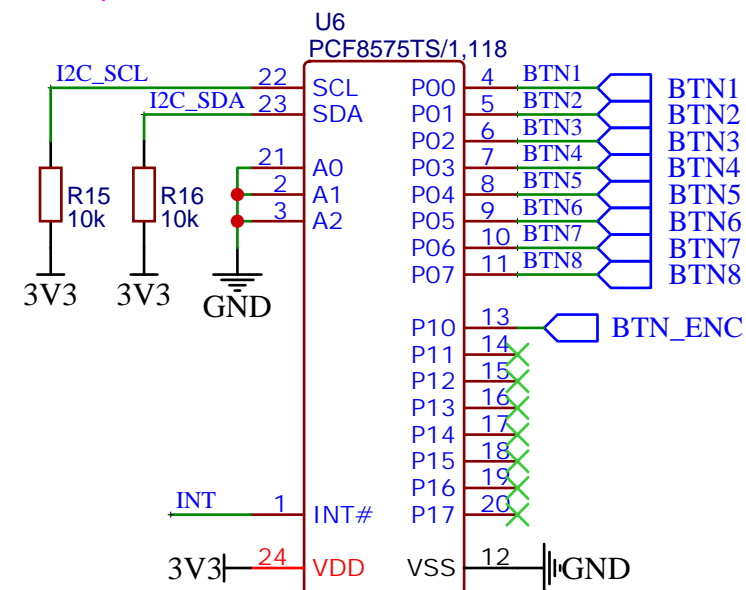
USB to Serial Converter



ESD Protection

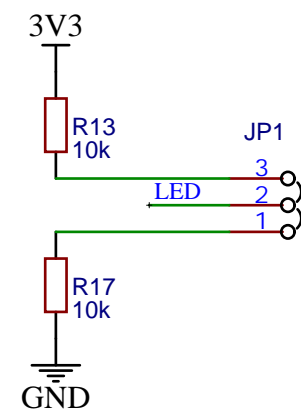


IO Expander



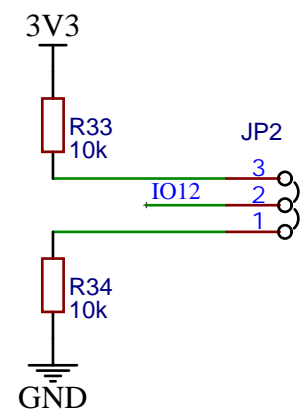
Address: 0b0100000

Solder Jumper - IO15



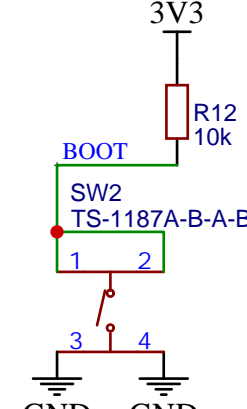
Default: GND

Solder Jumper - IO12

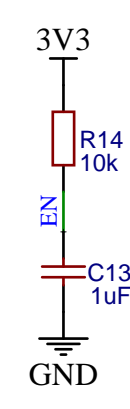


Default: GND

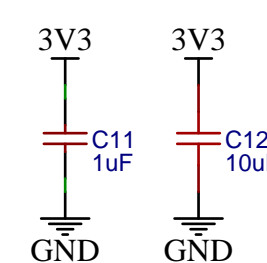
BOOT button



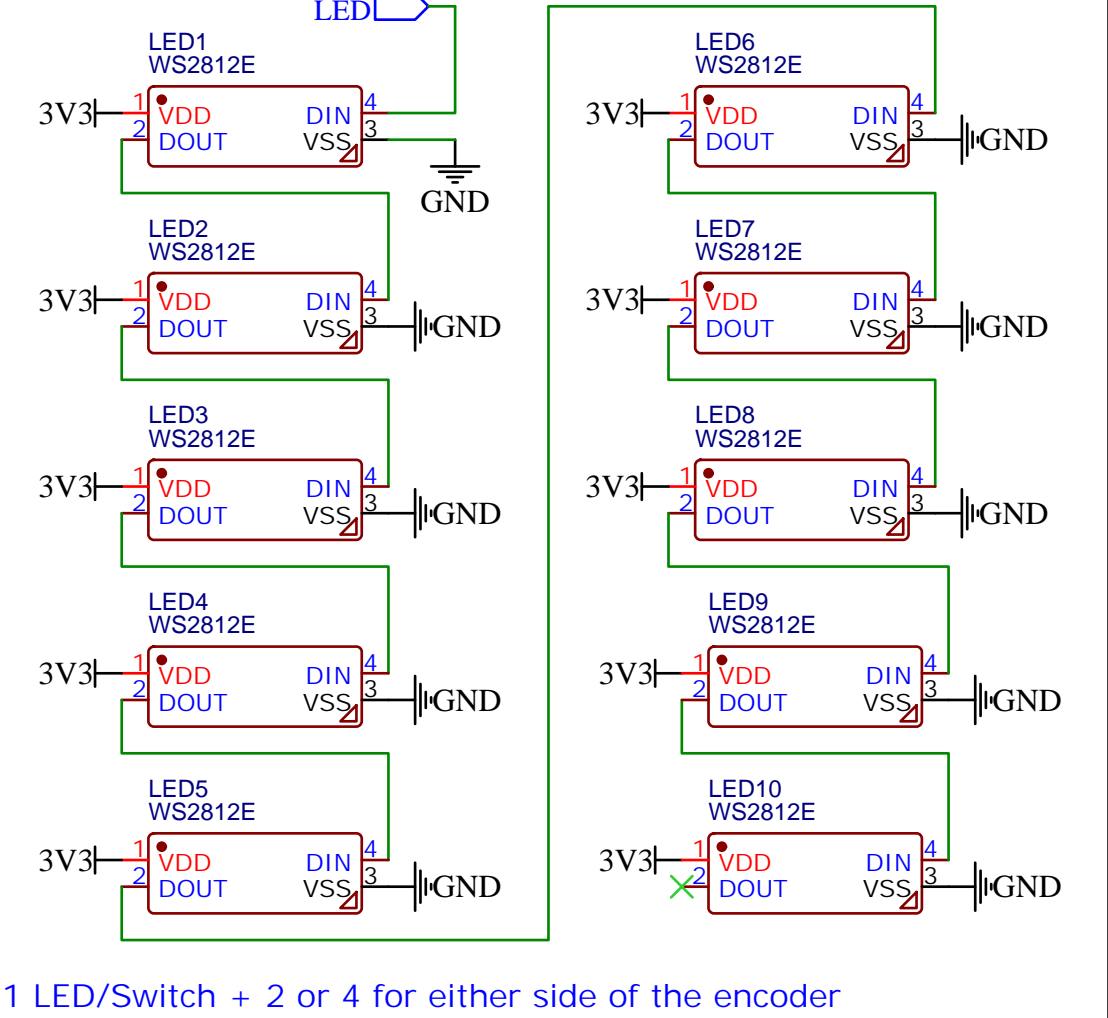
Enable Delay



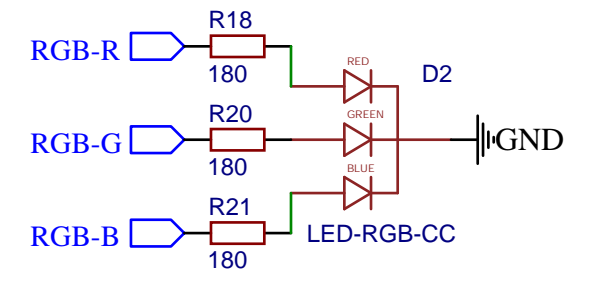
Decoupling - MCU



LED (RGB)

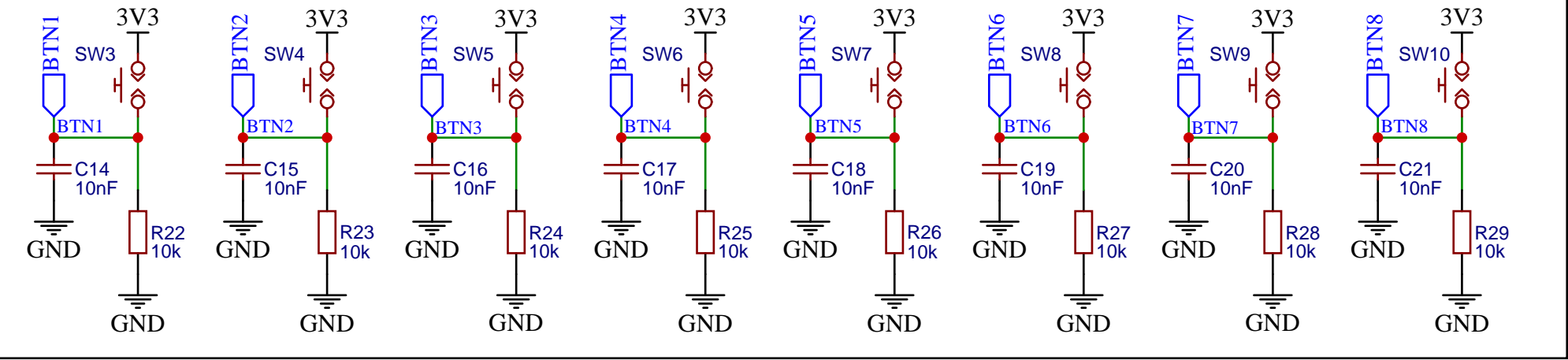


Status RGB

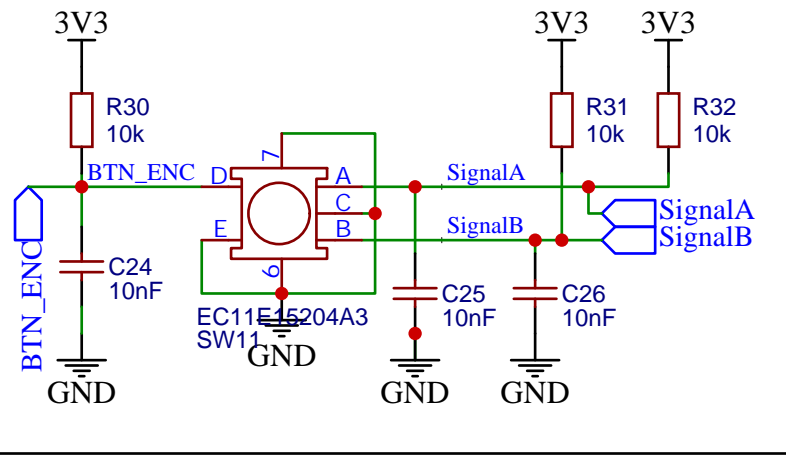


TITLE: LED		REV: 1.0
	Company: ÉTS Montr é al	Sheet: 3/4
	Date: 2022-02-20	Drawn By: Yoann Scrosati

Switches

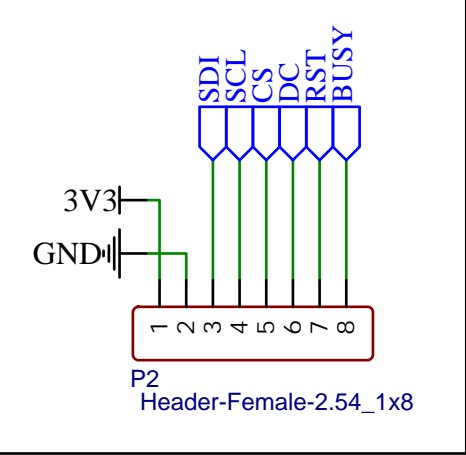


Rotary Encoder with Button



Encoder 100nF
Btn 10n

Eink Display



Decoupling - Eink

