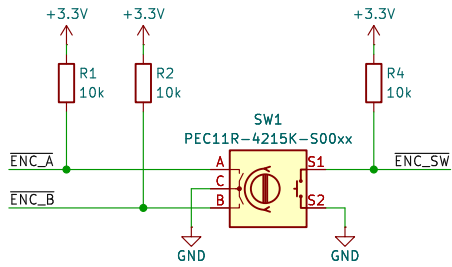
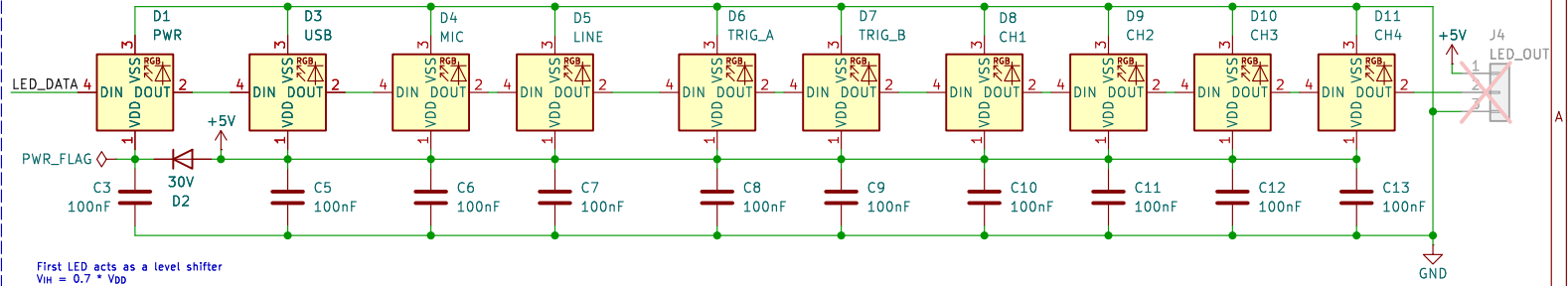


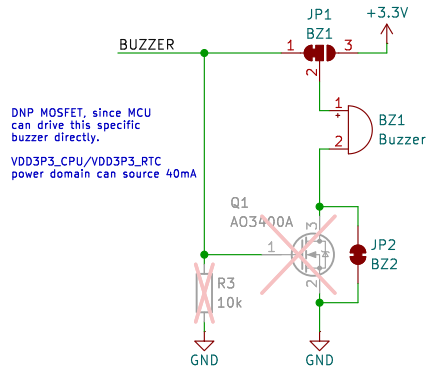
## Rotary Encoder



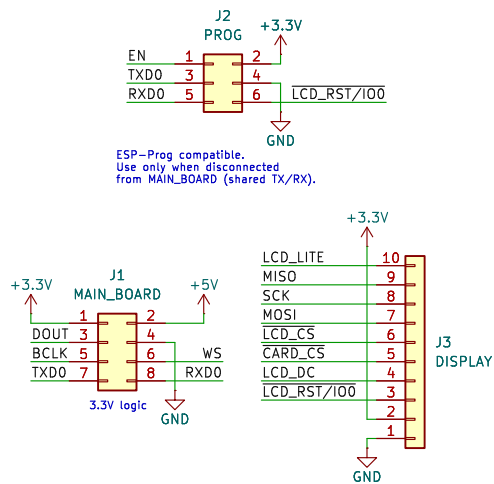
## Status LEDs



## Buzzer



## Connectors

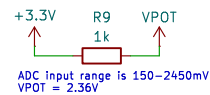
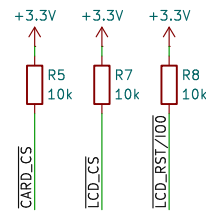
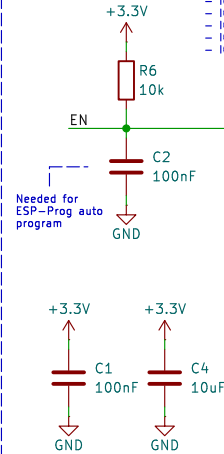
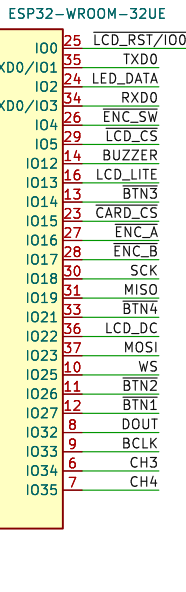


Strapping Pins (ordered by importance):  
 - IO12 (MTDI): PD  
 - IO2: PD  
 - IO15 (MT00): PU  
 - IO5: PU  
 - IO0: PU

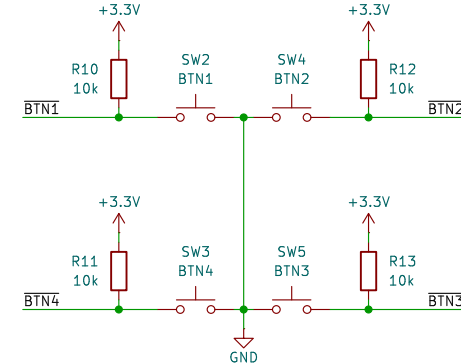
IO\_MUX SPI:

SPI2 (HSPI):  
 Overlaps strapping pins (IO12), skipped so devices with non-tristate MISO pins will not brick bootup.

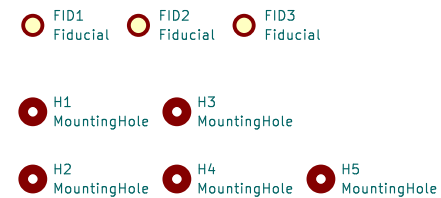
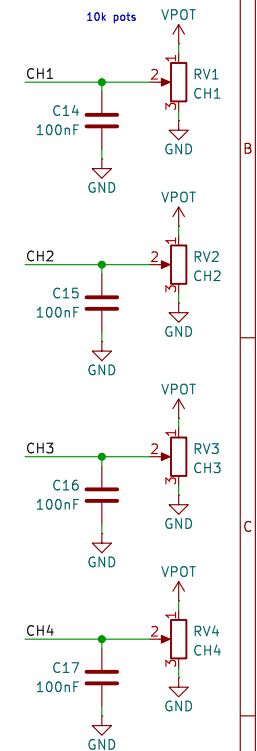
SPI3 (VSPI):  
 CS: 5  
 CLK: 18  
 MISO: 19  
 MOSI: 23



## Buttons



## Ch. Level Adjust



Front panel control board designed for the SW32.

Provides the following:

1x rotary encoder, 4x pots, 4x push buttons, 1x buzzer, 10x RGB LEDs  
 Buttons and encoder are firmware debounced.

saawsm

Sheet: /

File: front\_control\_board.kicad\_sch

Title: SW32

Size: A4

Date: 2024-06-12

Rev: 1

KiCad E.D.A. 8.0.2

Id: 1/1