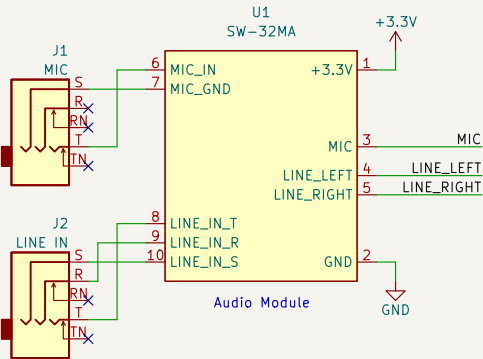
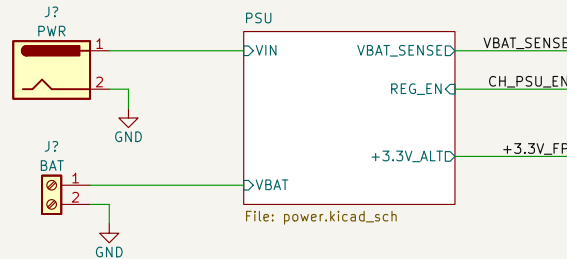


## Audio Input



Audio Module

## Power Supply / Charger



File: power.kicad\_sch

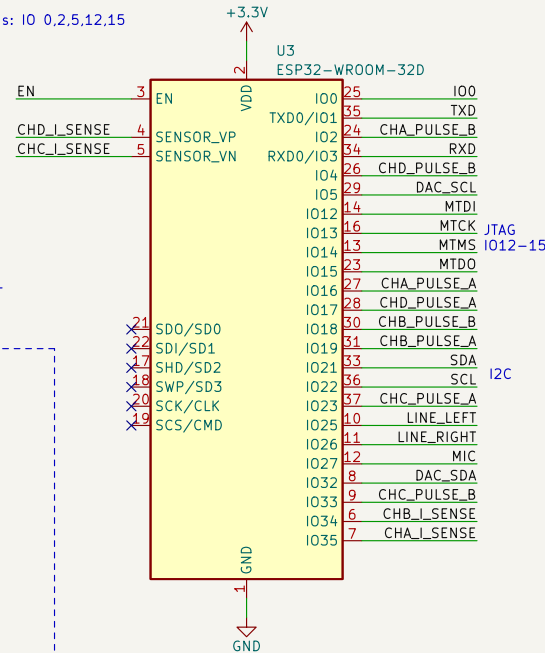
## ESP32

Boot Strapping Pins: IO 0,2,5,12,15

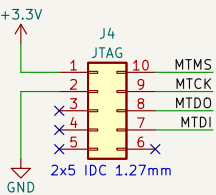
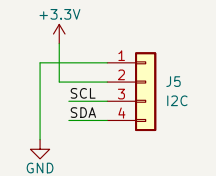
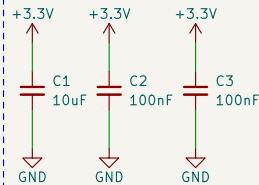
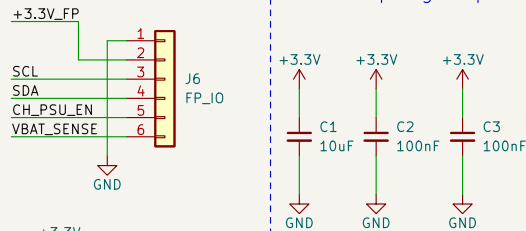
LED: IO2  
I2C: IO 21, 22  
JTAG: IO12-15

I2C Buses

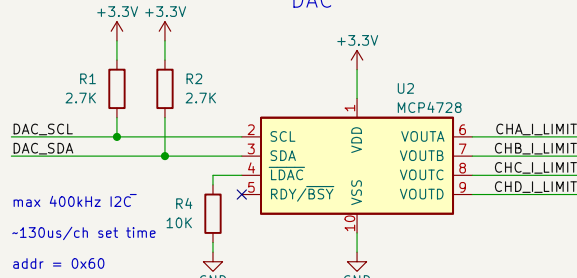
DAC: 5,32  
FP\_IO: 22,21



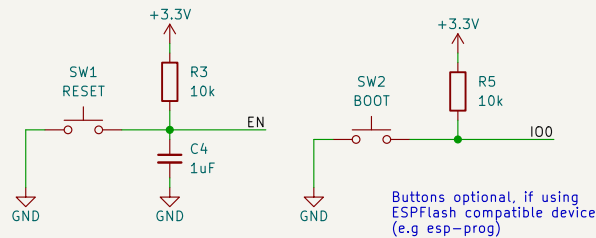
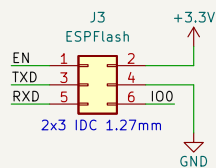
## Decoupling Caps



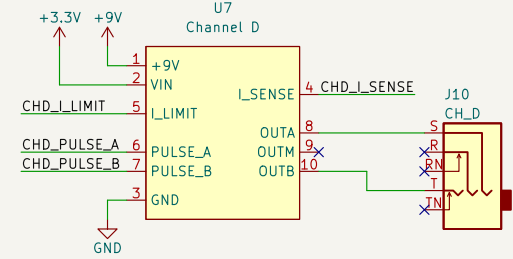
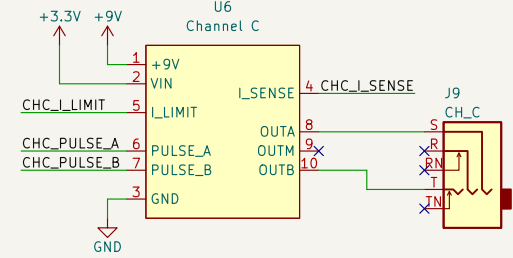
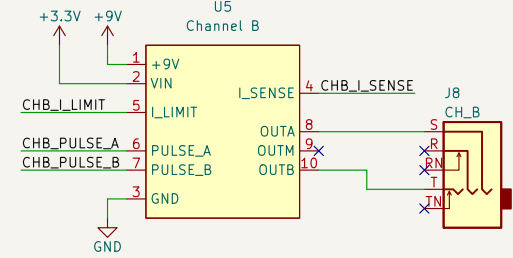
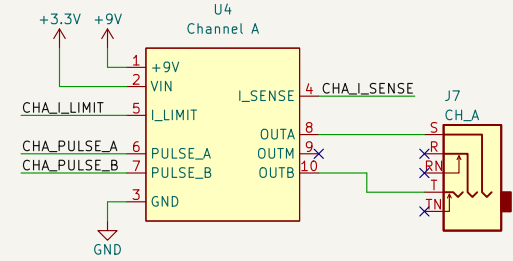
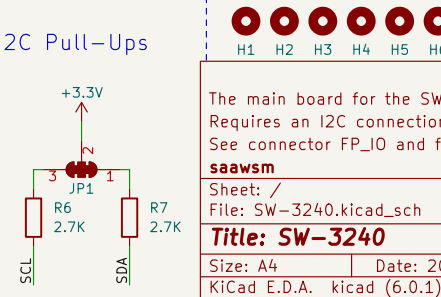
## DAC



## Buttons



## I2C Pull-Ups



The main board for the SW-3240.  
Requires an I2C connection for control.  
See connector FP\_IO and front panel board (e.g. SW-32MC1).

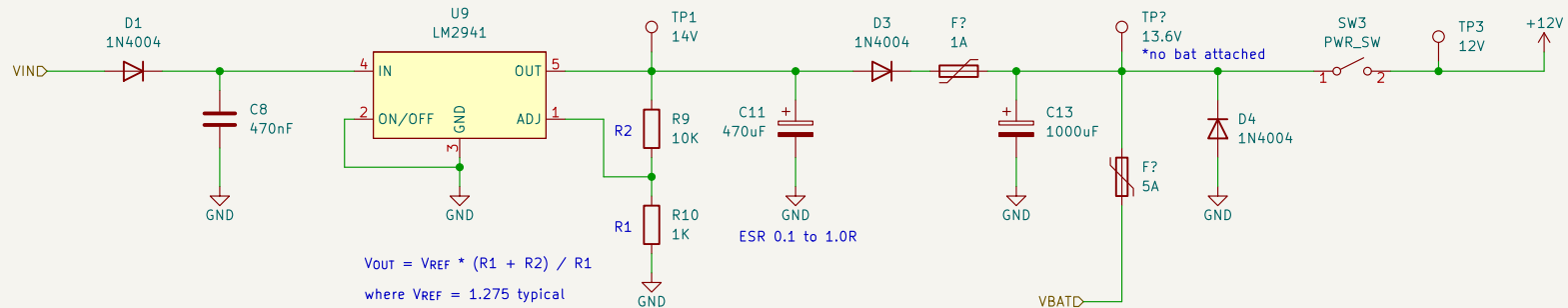
saawsm  
Sheet: /  
File: SW-3240.kicad\_sch

**Title: SW-3240**

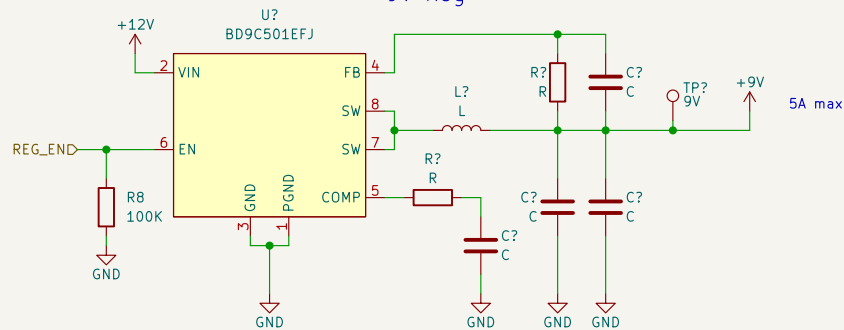
Size: A4 Date: 2022-01-30  
KiCad E.D.A. kicad (6.0.1)

Rev: 1  
Id: 1/2

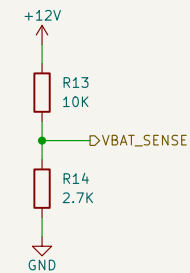
## Power Input / Battery Charger



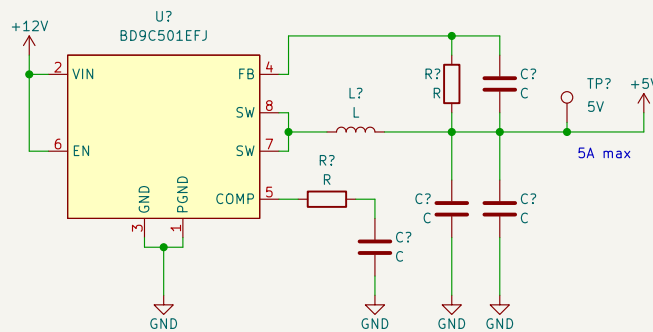
## 9V Reg



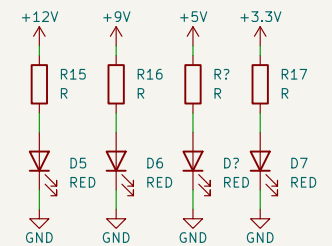
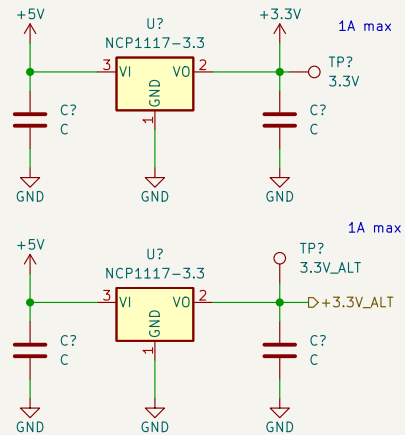
## Battery Monitoring



## 5V Reg



## 3.3V Regs



saawsm

Sheet: /PSU/

File: power.kicad\_sch

**Title: SW-3240: Power Supply**

Size: A4 Date: 2022-02-01

KiCad E.D.A. kicad (6.0.1)

Rev: 1

Id: 2/2