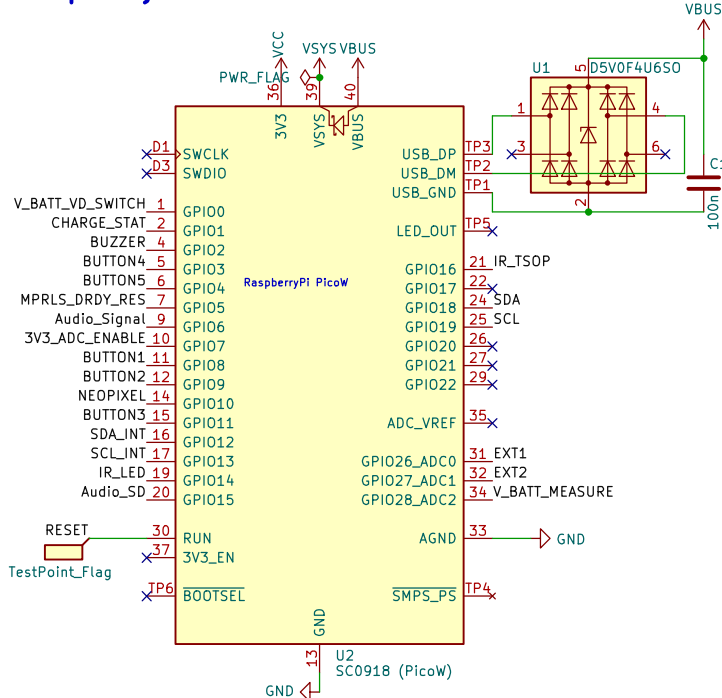
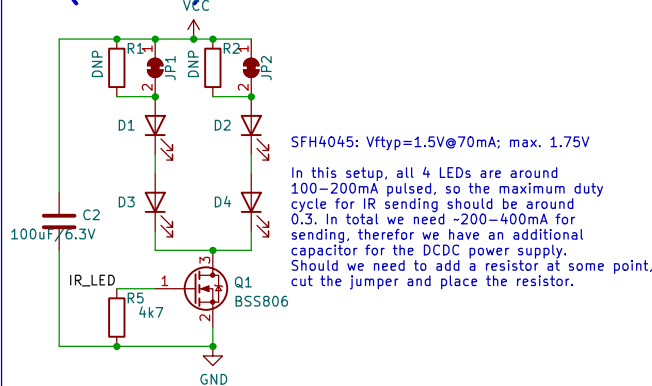


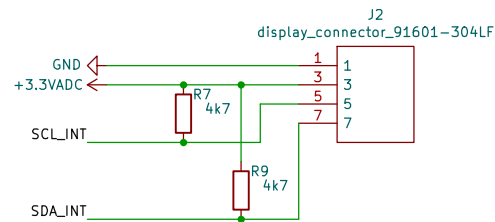
## RaspberryPi Pico W



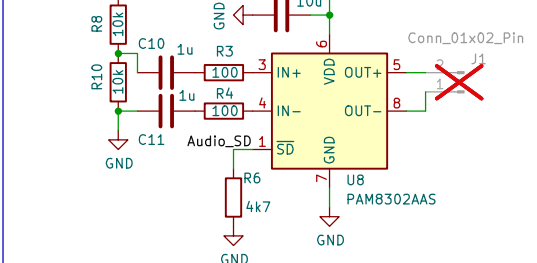
## IR (infrared) TX



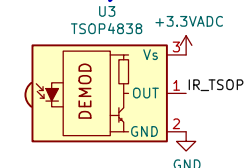
## OLED Display + I2C internal pullups



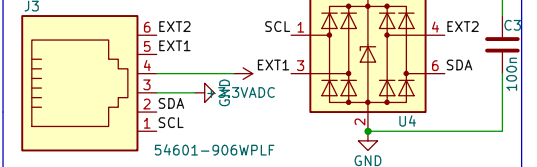
## Audio Amp



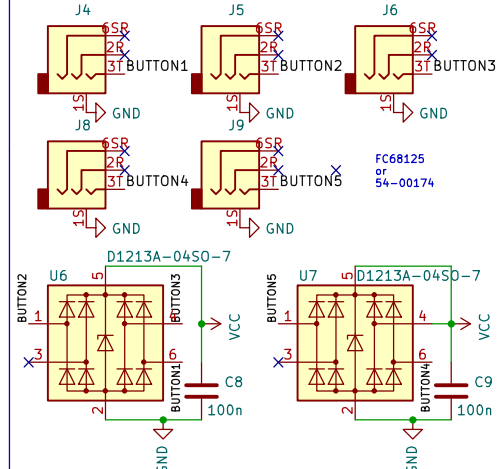
## IR (infrared) RX



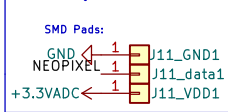
## external Sensor



## Buttons



## Neopixel



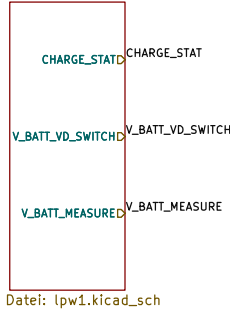
## PN532 NFC



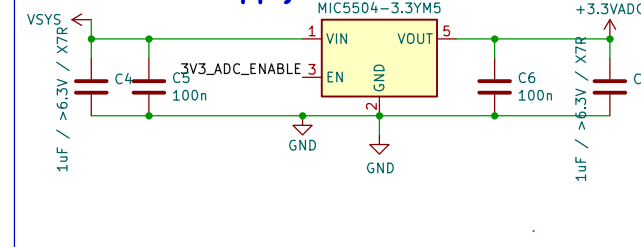
## Buzzer



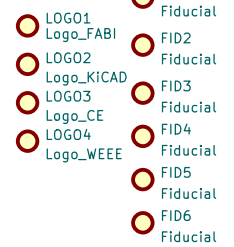
## LPW1



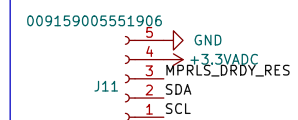
## Addon PowerSupply



## Mechanical



## MPRLS sensorboard



Benjamin Aigner  
www.asterics-foundation.org  
AsTeRICS Foundation

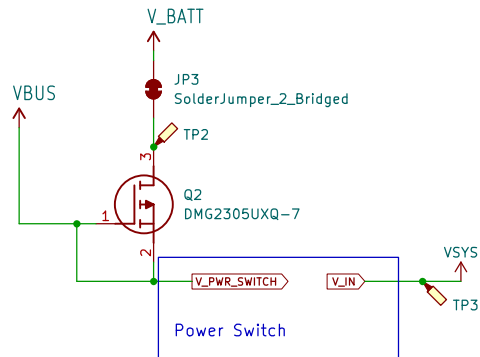
Sheet: /  
File: FAB13\_schematic.kicad\_sch

Title: FAB13 PCB (PicoW) with 5 jack plugs

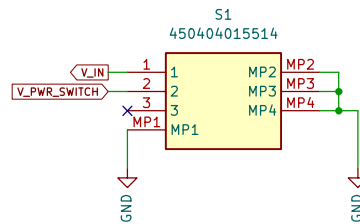
Size: A4 Date: 2023-08-23  
KiCad E.D.A. 8.0.5

Rev: v3.1  
Id: 1/2

## Battery Switch

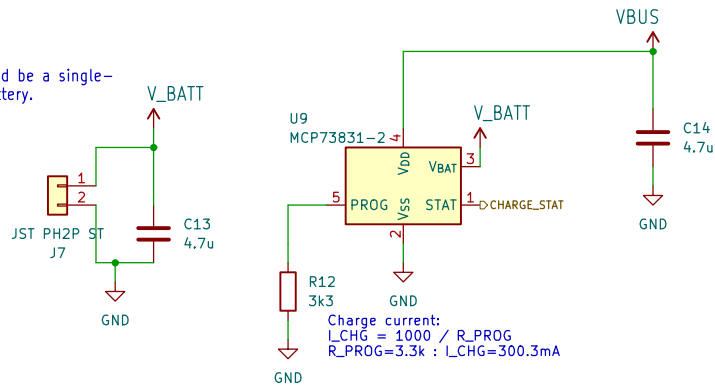


## Power Switch

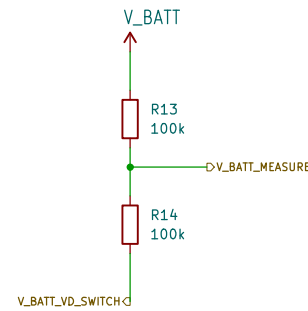


## Lithium-Polymer Battery Charger (1-cell)

V\_BATT should be a single-cell LiPo battery.



## Battery Charge Level Measurement



Inspired by Vanessa Prankl's <https://github.com/vanessaPrankl/HeadMouse>

**Christoph Veigl & Jimmi Bacher**

Sheet: /LPW1/  
File: lpw1.kicad\_sch

**Title: LPW**

Size: A4 Date: 2025-01-03

KiCad E.D.A. 8.0.5

**Rev:**  
Id: 2/2