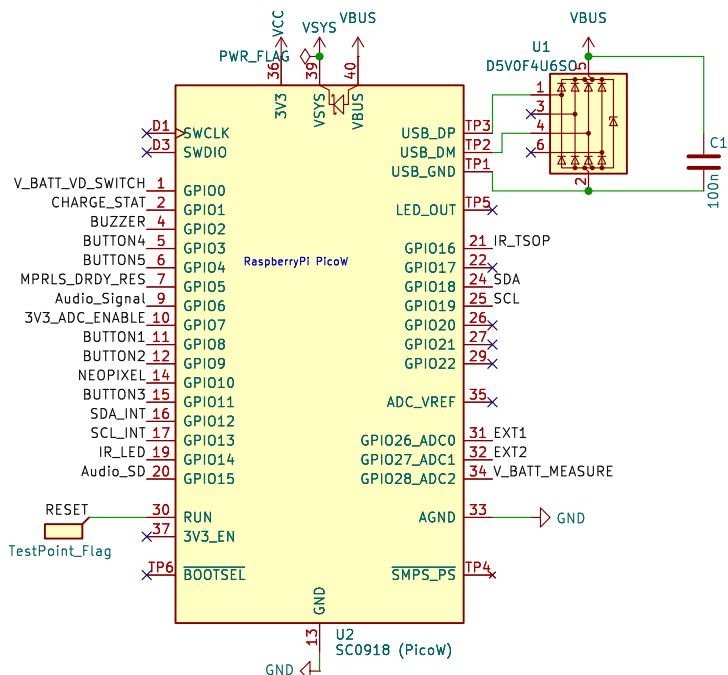
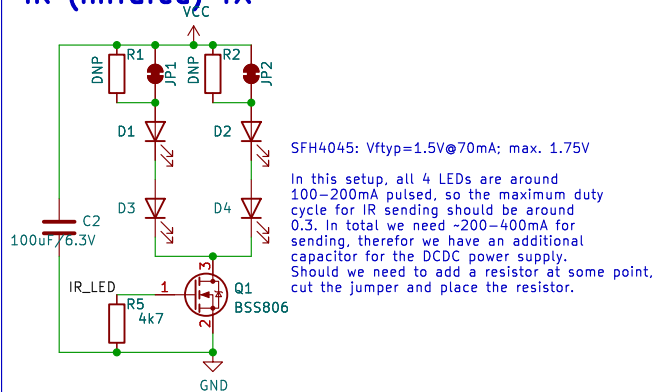


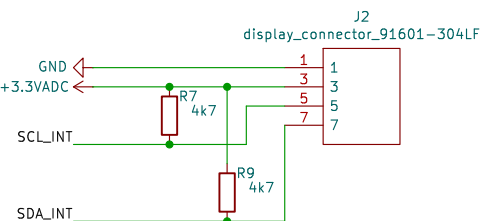
RaspberryPi Pico W



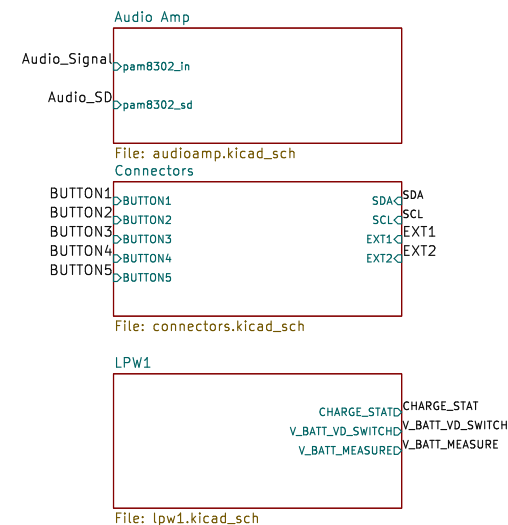
IR (infrared) TX



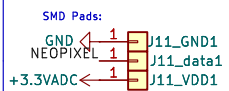
OLED Display + I2C internal pullups



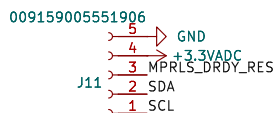
Sub-Sheets



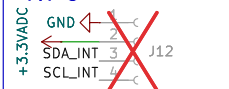
Neopixel



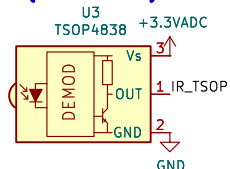
MPRLS sensorboard



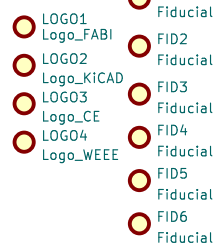
PN532 NFC



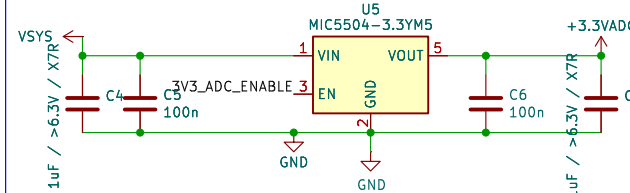
IR (infrared) RX



Mechanical



Addon PowerSupply



Benjamin Aigner
<https://assistrionik.info>
<https://www.asterics-foundation.org>
AsTeRICS Foundation / Assistrionik

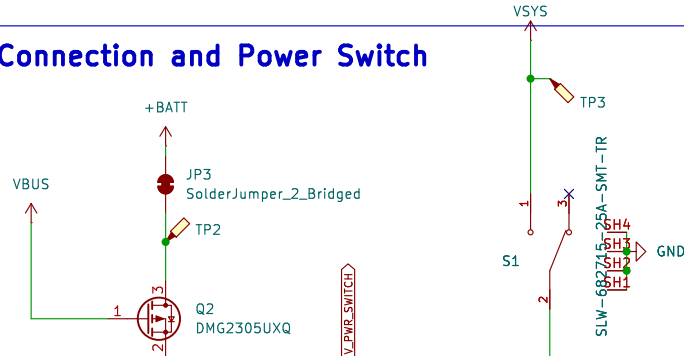
Sheet: /
 File: FABI3_schematic.kicad_sch

Title: FABI3 PCB (Pico2W) with 5 jack plugs

Size: A4 Date: 2025-08-12
 KiCad E.D.A. 9.0.2

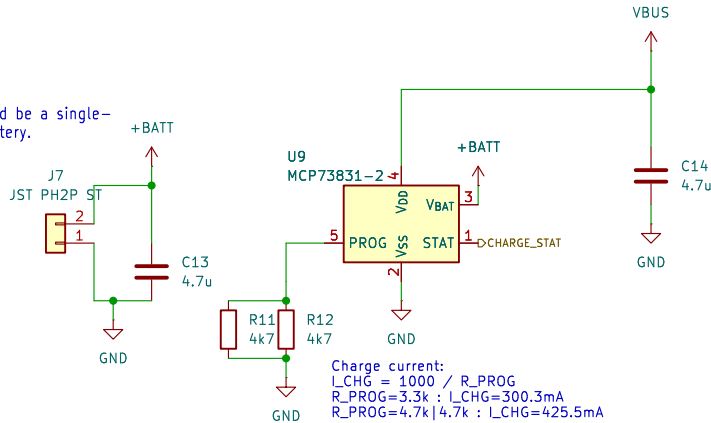
Rev: v3.5
 Id: 1/4

Battery Connection and Power Switch

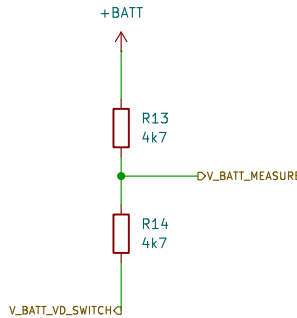


Lithium-Polymer Battery Charger (1-cell)

V_BATT should be a single-cell LiPo battery.



Battery Charge Level Measurement



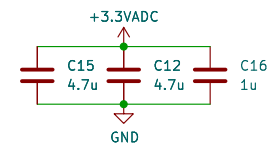
Inspired by Vanessa Prankl's <https://github.com/vanessaPrankl/HeadMouse>
Christoph Veigl & Jimmi Bacher

Sheet: /LPW1/
File: lpw1.kicad_sch

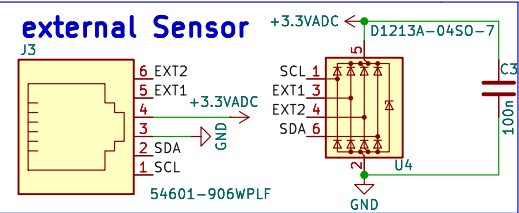
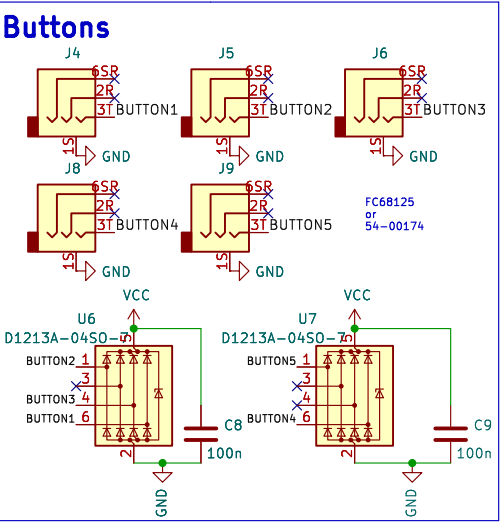
Title: LPW

Size: A4 Date: 2025-01-03
KiCad E.D.A. 9.0.2

Rev:
Id: 2/4



Rev:
Id: 3/4



BUTTON1D
BUTTON2D
BUTTON3D
BUTTON4D
BUTTON5D

EXT1D
EXT2D
SDAD
SCLD

Sheet: /Connectors/ File: connectors.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 9.0.2	Id: 4/4	