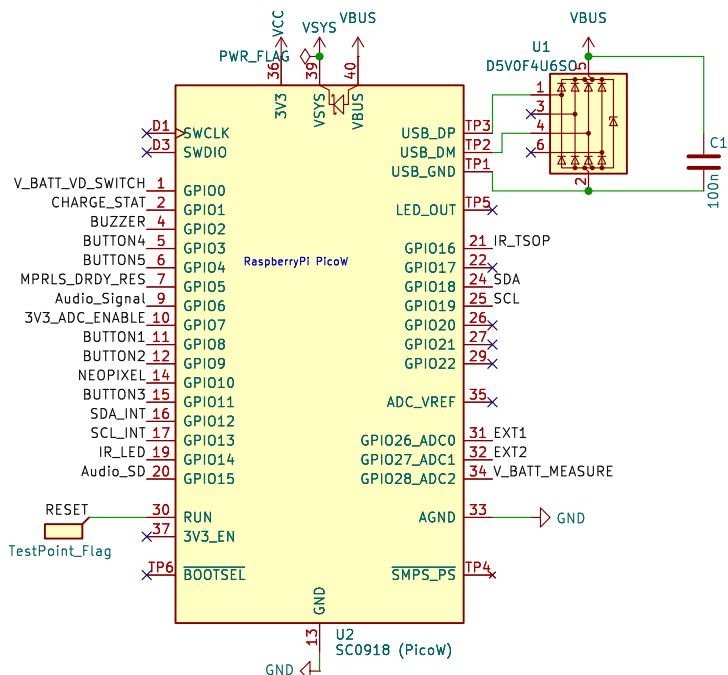
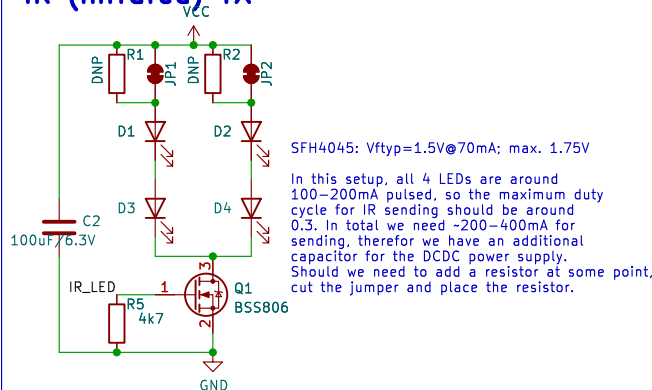


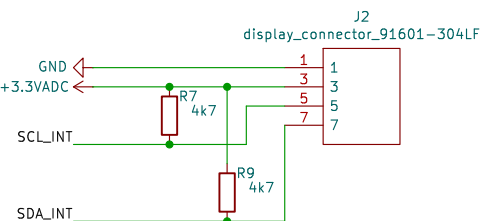
RaspberryPi Pico W



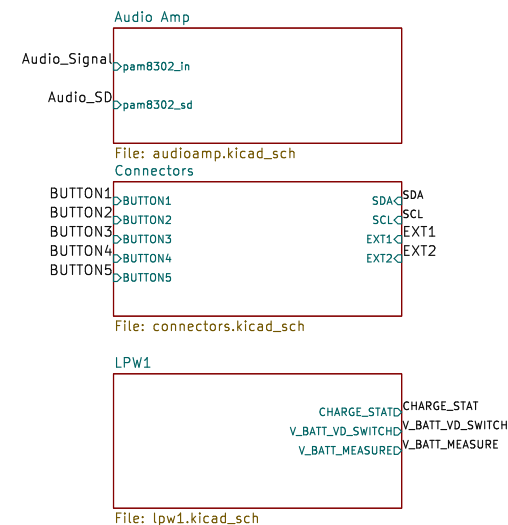
IR (infrared) TX



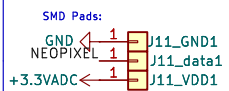
OLED Display + I2C internal pullups



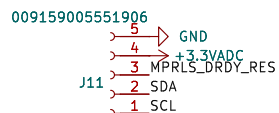
Sub-Sheets



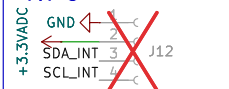
Neopixel



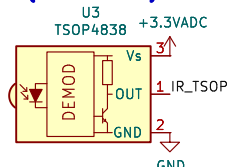
MPRLS sensorboard



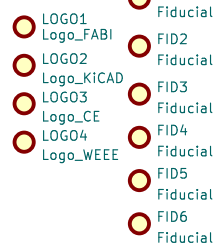
PN532 NFC



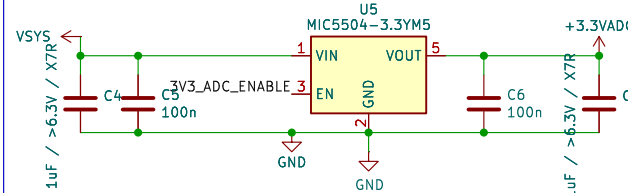
IR (infrared) RX



Mechanical



Addon PowerSupply



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

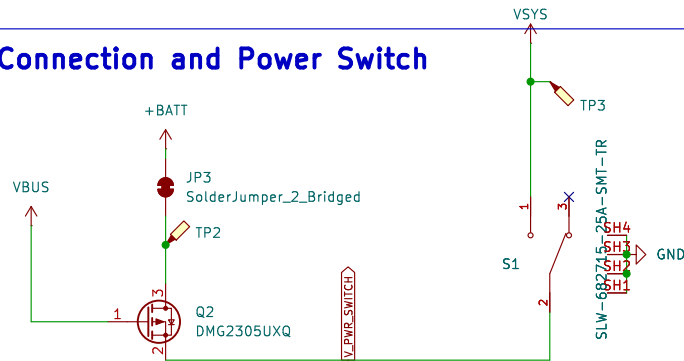
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Size: A4 Date: 2025–08–12
 KiCad E.D.A. 9.0.2

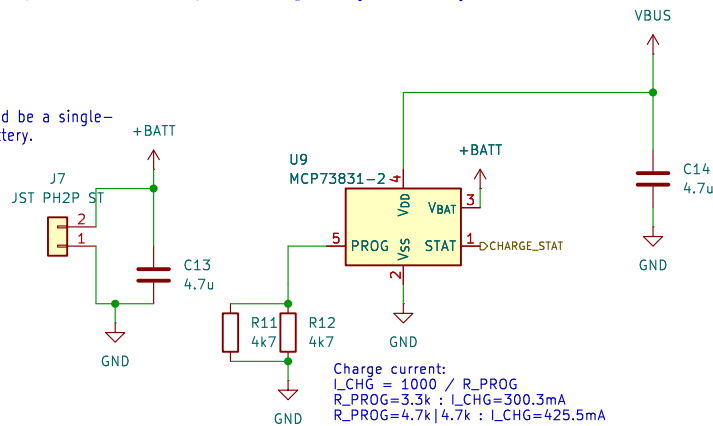
Rev: v3.5
 Id: 1/4

Battery Connection and Power Switch

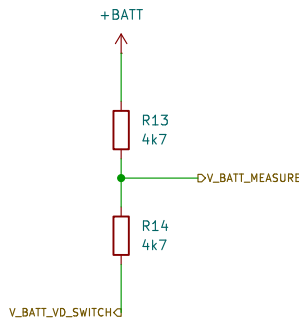


Lithium-Polymer Battery Charger (1-cell)

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

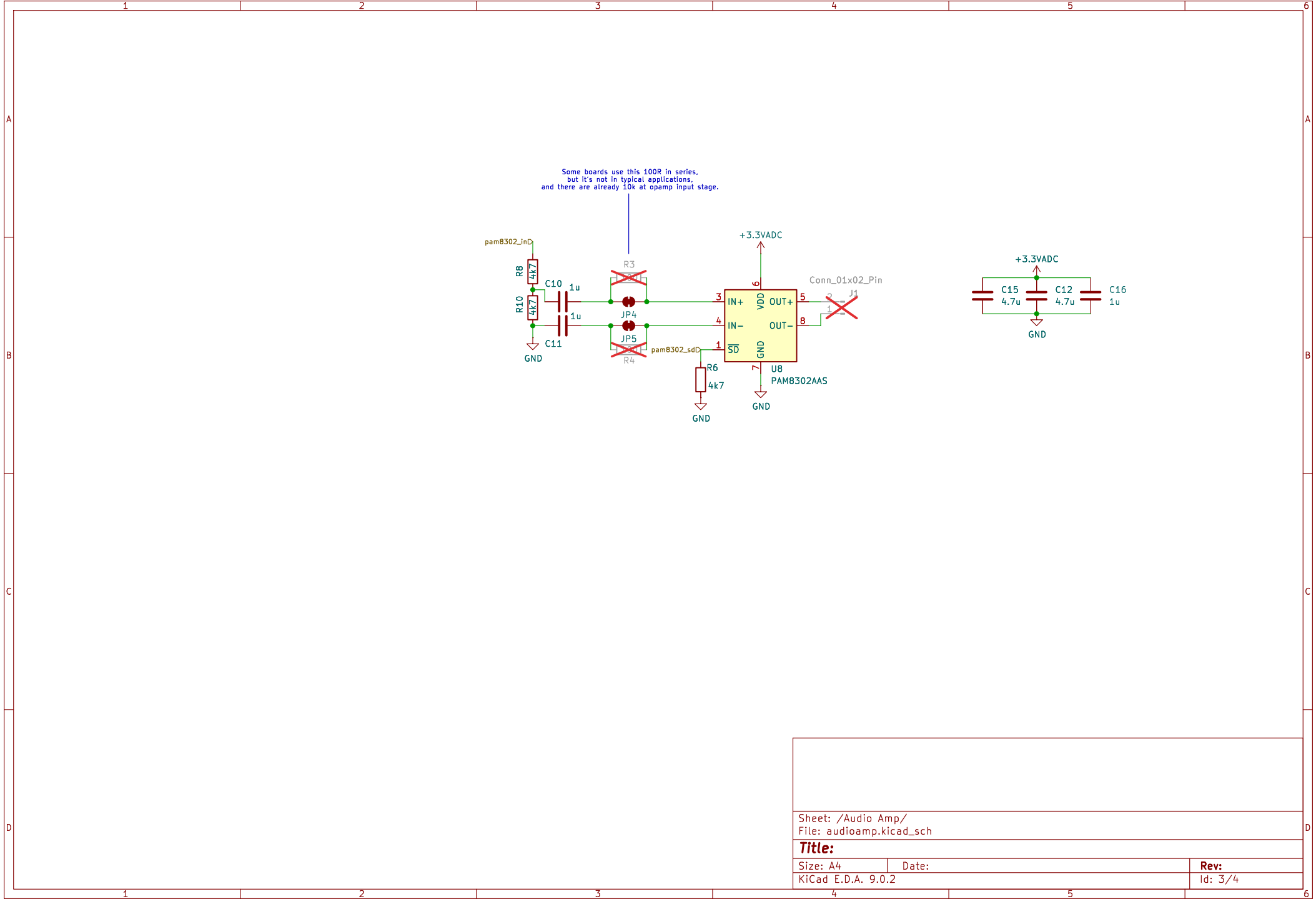
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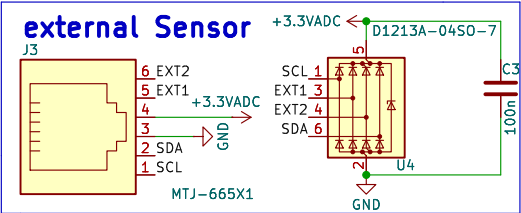
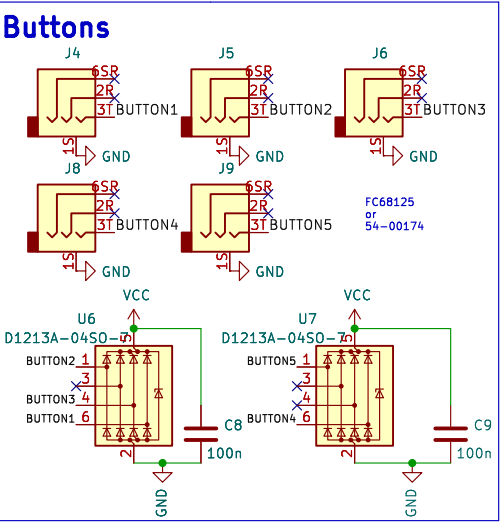
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Size: A4
KiCad E.D.A. 9.0.2

Date: 2025-01-03

Rev:
Id: 2/4





BUTTON1D
BUTTON2D
BUTTON3D
BUTTON4D
BUTTON5D

EXT1D
EXT2D
SDAD
SCLD

Sheet: /Connectors/
File: connectors.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 9.0.2

Rev:

Id: 4/4