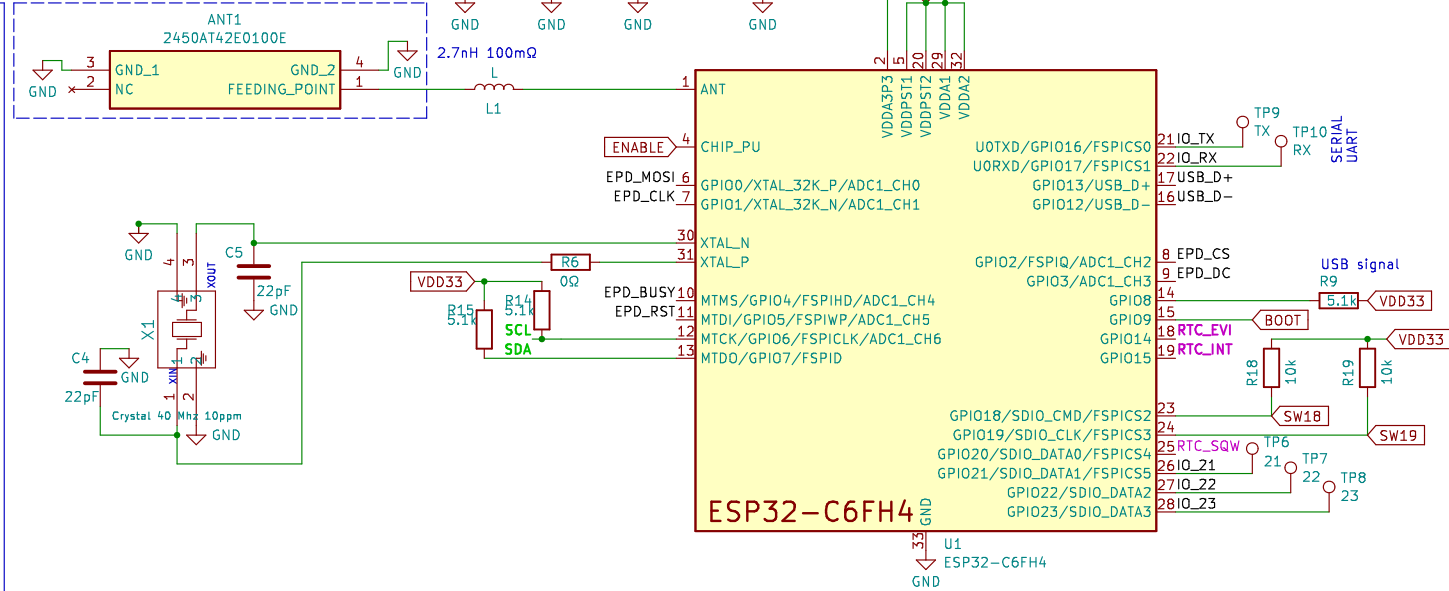
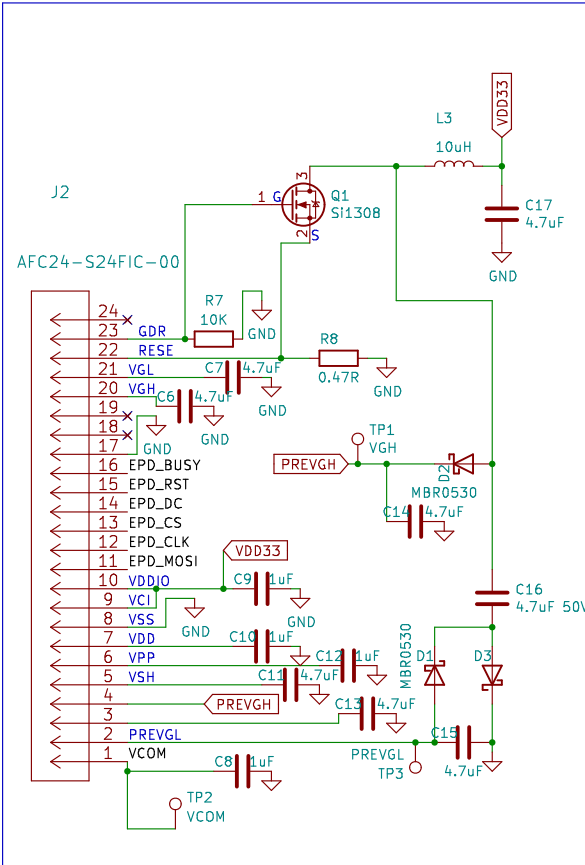
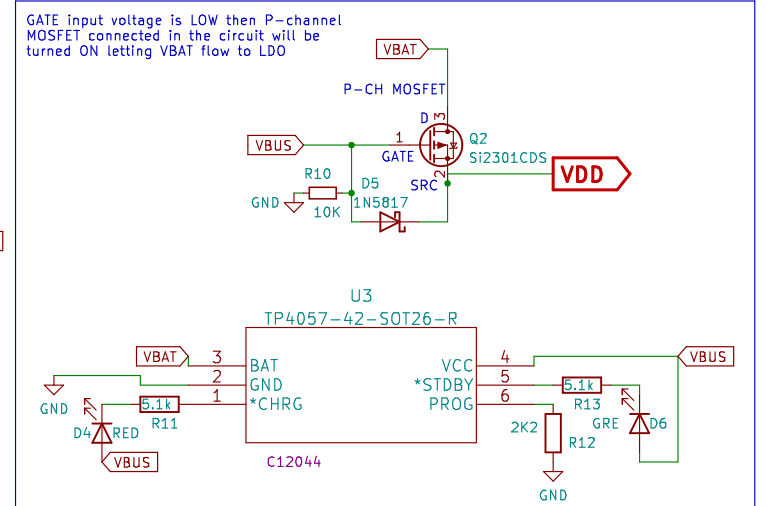


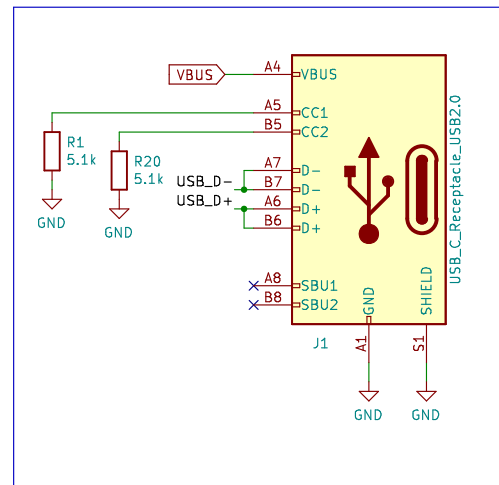
## HV boost circuit



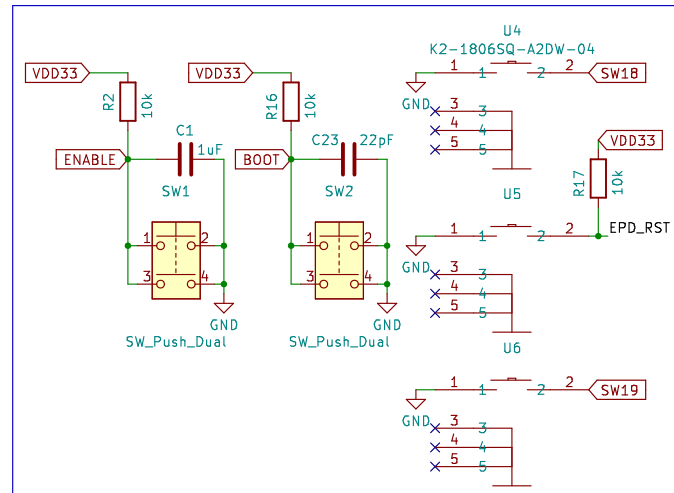
## Charge and power management



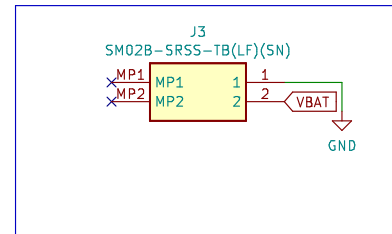
## USB-C JTAG / CDC Serial to MCU



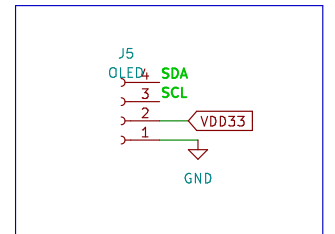
## Boot / RST / Push switches



## Battery jack



## Small 4 pin LCD connector



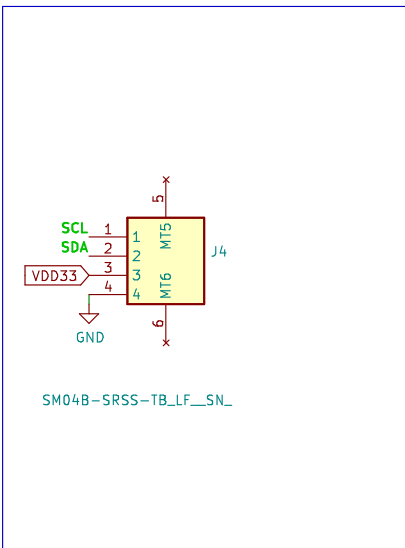
## Mounting



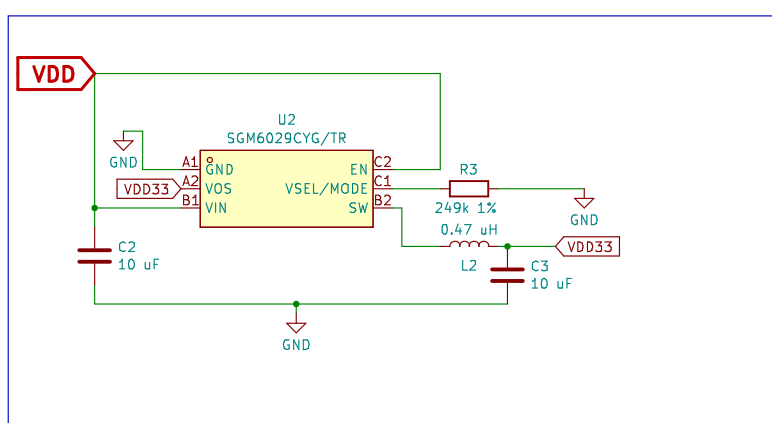
open source  
hardware

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

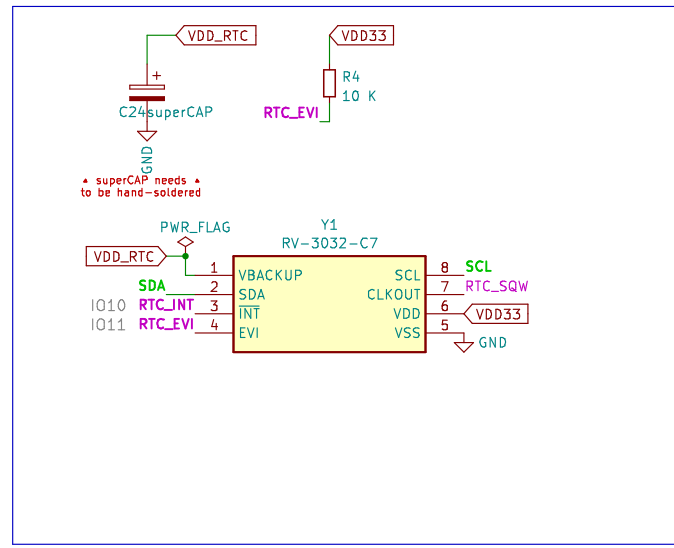
## QWIIC I2C



## Buck converter 5V to 3V3



## Real time clock via I2C



FASANI CORP.

Sheet: /  
File: H-C6-ulp.kicad\_sch

Title: **ESP32C6 ULP low power**

Size: A3 Date: 2024-09-09  
KiCad E.D.A. kicad 7.0.11-7.0.11-ubuntu22.04.1

Rev: 1.0  
Id: 1/1