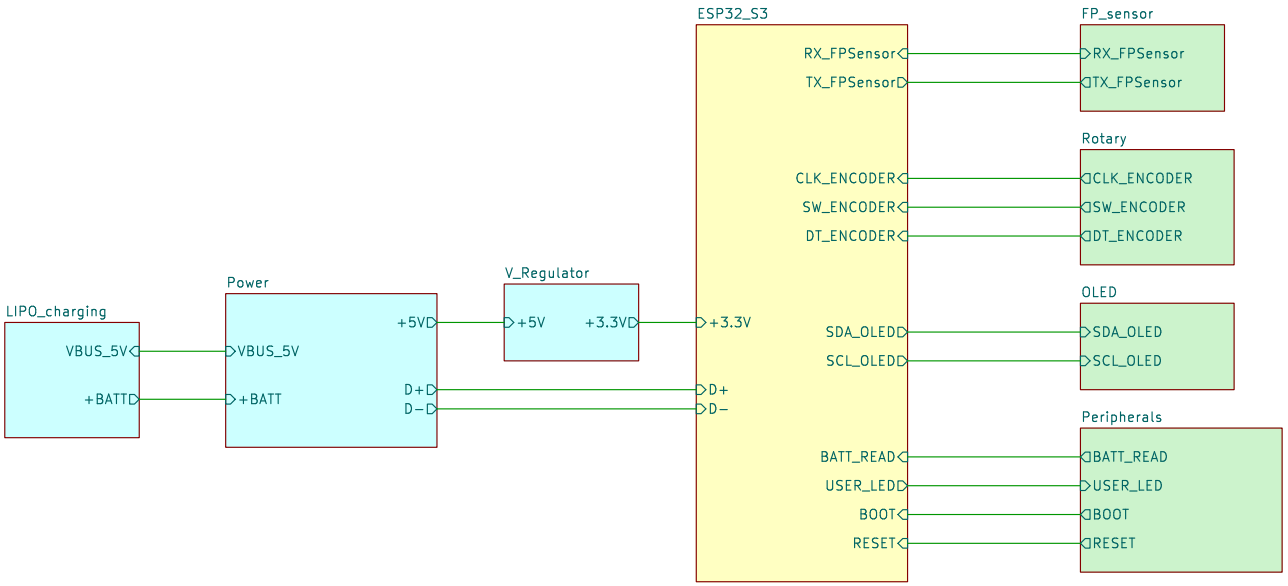
# PassMan – BLOCK DIAGRAM

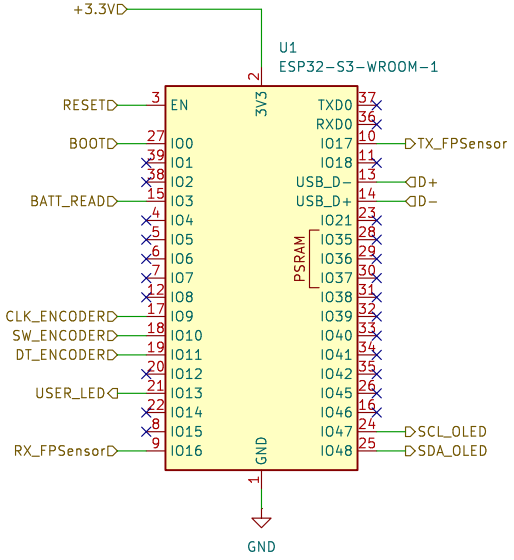



Sheet: /
File: Passman.kicad_sch

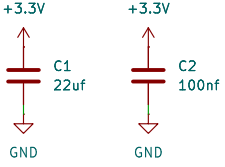
**Title: PassMan – BLOCK DIAGRAM**

| Size: A4 | Date: 2025-09-18 | **Rev: V2** |
|---|---|---|
| KiCad E.D.A. 9.0.1 | | Id: 1/9 |

# EPS32 S3 WROOM 1

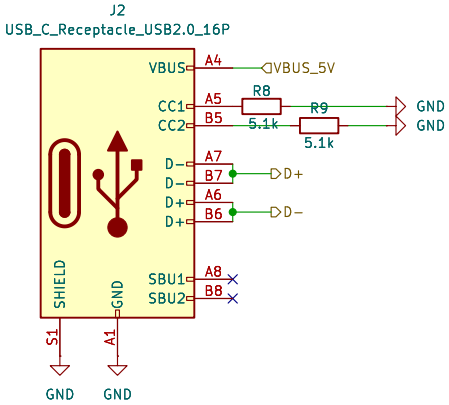



## Decoupling Caps

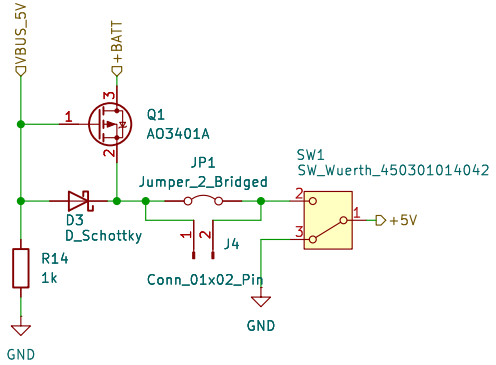



| | | |
|---|---|---|
| Sheet: /ESP32_S3/ | | |
| File: esp32.kicad_sch | | |
| **Title: EPS32 S3 WROOM 1** | | |
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 2/9 |

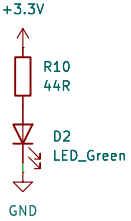
## USB-C



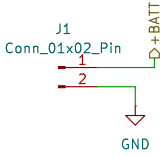

## Power Management & switch

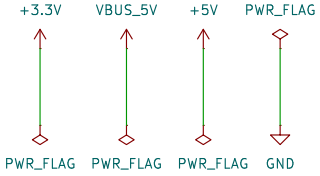



## LED Power Indicator




## Connectors



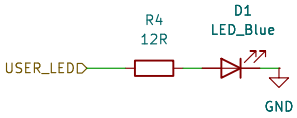




Sheet: /Power/
File: power.kicad_sch

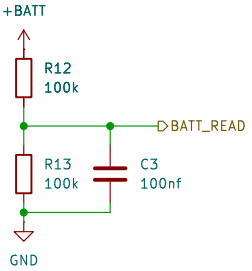
**Title: Passman – Power**

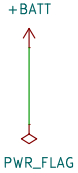
| | | |
|---|---|---|
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 3/9 |

## User LED

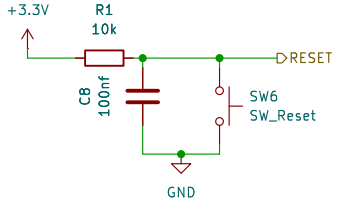



## Battery read

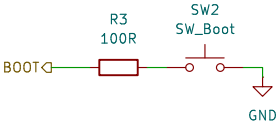



## Reset button




## Boot button

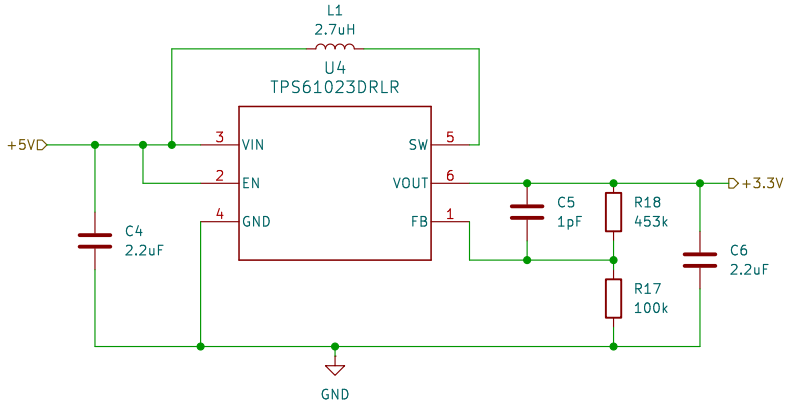



Sheet: /Peripherals/
File: peripherals.kicad_sch

**Title: Passman – Peripherals**

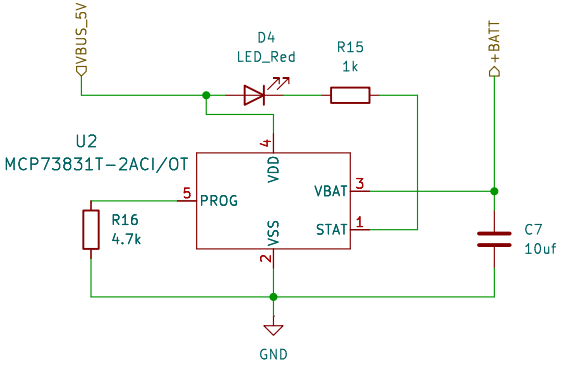
| | | |
|---|---|---|
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 4/9 |

Switching voltage regulator



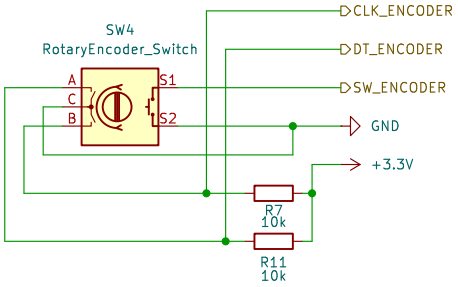

| | | |
|---|---|---|
| Sheet: /V_Regulator/ | | |
| File: V_regulator.kicad_sch | | |
| **Title: Voltage Regulator** | | |
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 5/9 |

# LIPO Charging



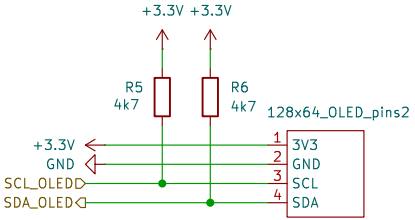

| | | |
|---|---|---|
| Sheet: /LIPO_charging/ | | |
| File: LIPO_charging.kicad_sch | | |
| **Title: LIPO Charging** | | |
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 6/9 |

# Rotary Encoder




| | | |
|---|---|---|
| Sheet: /Rotary/ | | |
| File: roatry.kicad_sch | | |
| **Title: Rotary encoder** | | |
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 7/9 |

# OLED Display

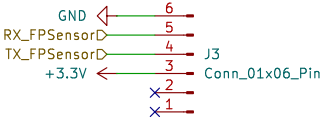



Sheet: /OLED/
File: OLED.kicad_sch

**Title: OLED Display**

| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
|---|---|---|
| KiCad E.D.A. 9.0.1 | | Id: 8/9 |

# Fingerprint Sensor




Sheet: /FP_sensor/
File: FP_sensor.kicad_sch

**Title: Fingerprint Sensor**

| | | |
|---|---|---|
| Size: A5 | Date: 2025-09-18 | **Rev: V2** |
| KiCad E.D.A. 9.0.1 | | Id: 9/9 |