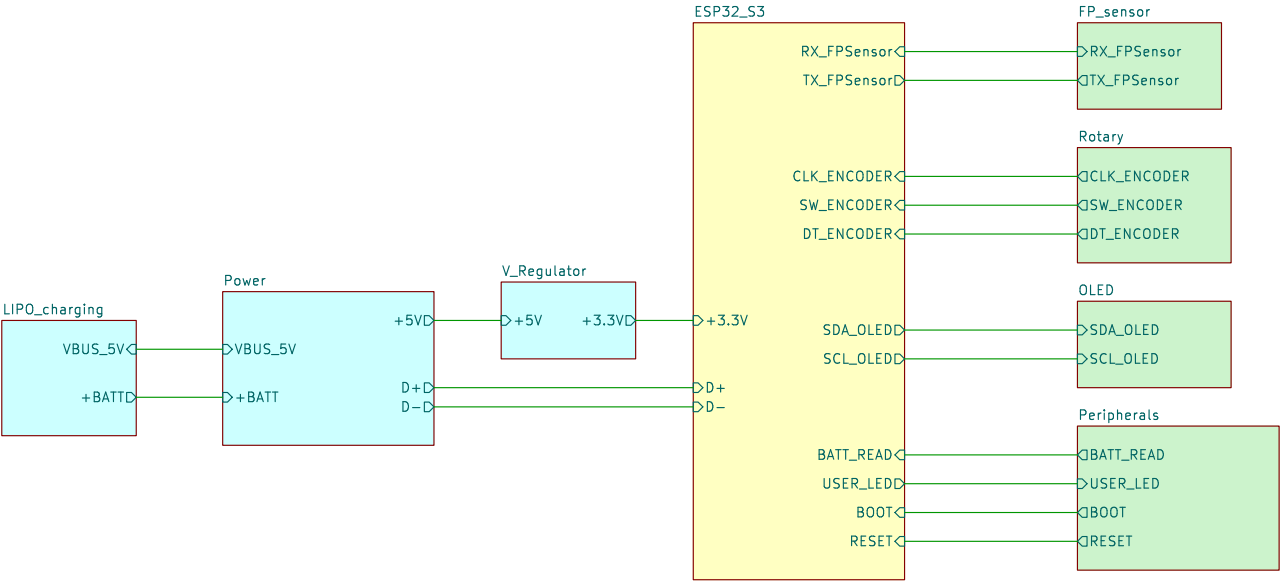
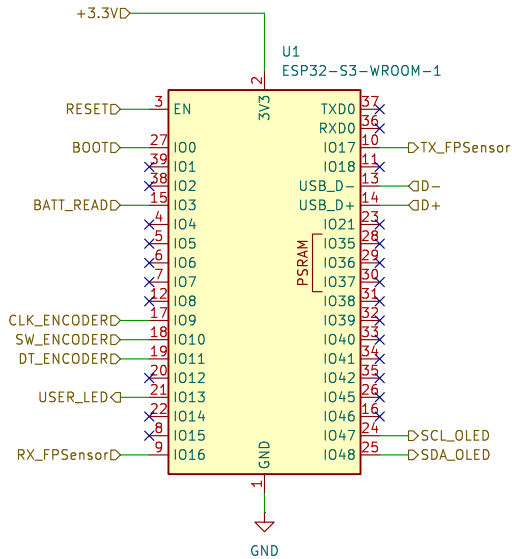


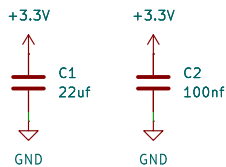
PassMan – BLOCK DIAGRAM



EPS32 S3 WROOM 1

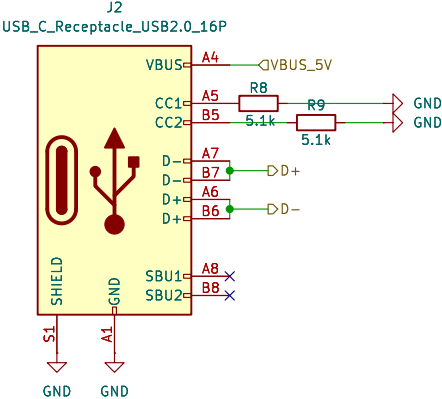


Decoupling Caps

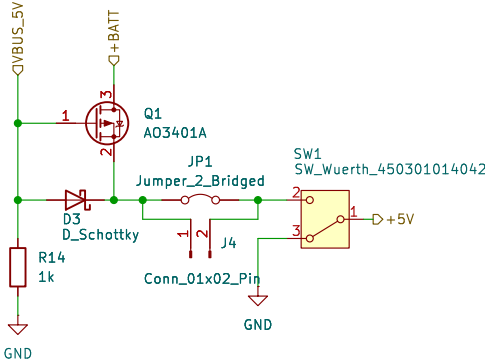


Sheet: /ESP32_S3/	
File: esp32.kicad_sch	
Title: EPS32 S3 WROOM 1	
Size: A5	Date: 2025-09-18
KiCad E.D.A. 9.0.1	Rev: V2.1
Id: 2/9	

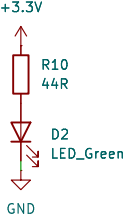
USB-C



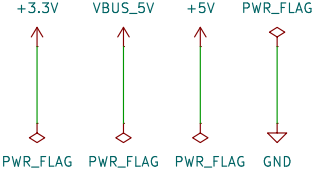
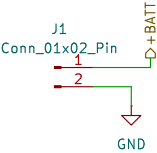
Power Management & switch



LED Power Indicator



Connectors



Sheet: /Power/  
File: power.kicad\_sch

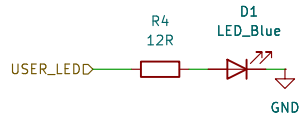
Title: Passman - Power

Size: A5  
KiCad E.D.A. 9.0.1

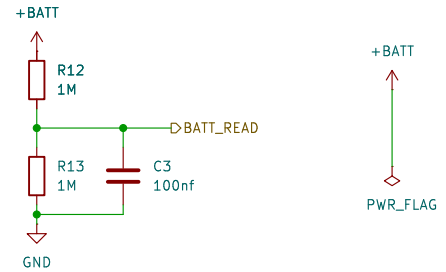
Date: 2025-09-18

Rev: V2.1  
Id: 3/9

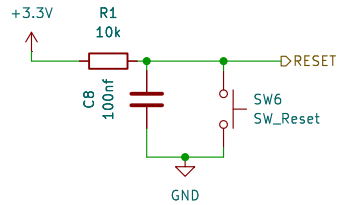
### User LED



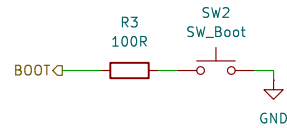
### Battery read



### Reset button



### Boot button



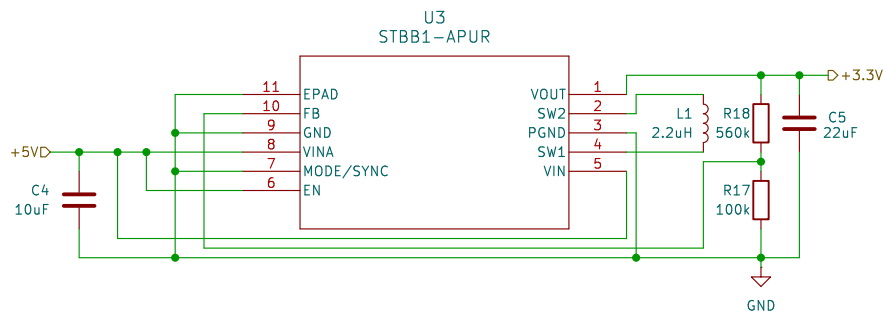
Sheet: /Peripherals/  
File: peripherals.kicad\_sch

**Title: Passman – Peripherals**

Size: A5      Date: 2025-09-18  
KiCad E.D.A. 9.0.1

**Rev: V2.1**  
Id: 4/9

## Switching voltage regulator



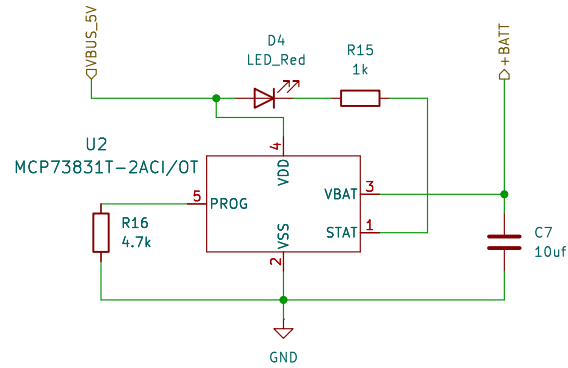
Sheet: /V\_Regulator/  
File: V\_regulator.kicad\_sch

### Title: Voltage Regulator

Size: A5 Date: 2025-09-18  
KiCad E.D.A. 9.0.1

Rev: V2.1  
Id: 5/9

## LIPO Charging



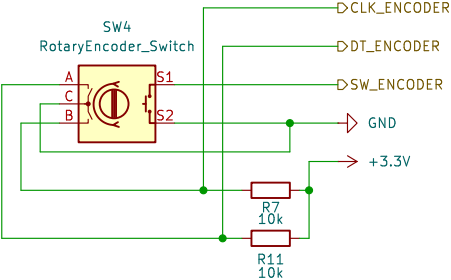
Sheet: /LIPO\_charging/  
File: LIPO\_charging.kicad\_sch

**Title: LIPO Charging**

Size: A5      Date: 2025-09-18  
KiCad E.D.A. 9.0.1

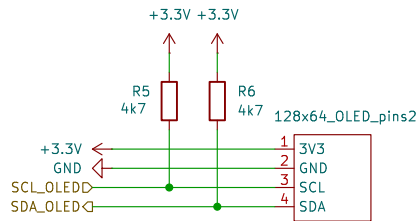
**Rev: V2.1**  
Id: 6/9

Rotary Encoder



Sheet: /Rotary/ File: roatry.kicad_sch		
Title: Rotary encoder		
Size: A5	Date: 2025-09-18	Rev: V2.1
KiCad E.D.A. 9.0.1	Id: 7/9	

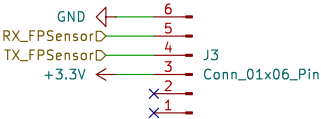
OLED Display



Sheet: /OLED/ File: OLED.kicad_sch		
Title: <b>OLED Display</b>		
Size: A5	Date: 2025-09-18	Rev: <b>V2.1</b>
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
KiCad E.D.A. 9.0.1	Rev: V2.1
Id: 9/9	