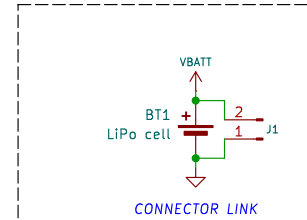


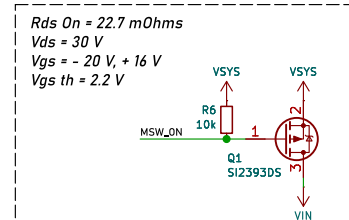
# POWER MANAGMENT and SOURCES

# DEBUG and MECHANICS

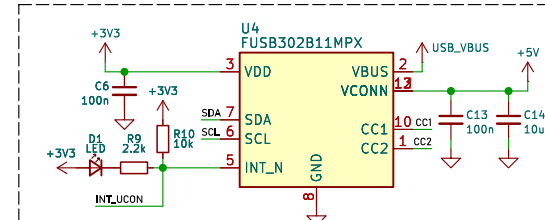
## BATTERY



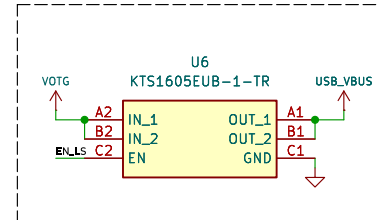
## MAIN SW



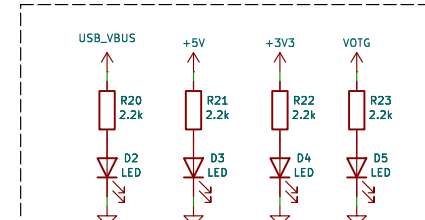
## USB CC LOGIC



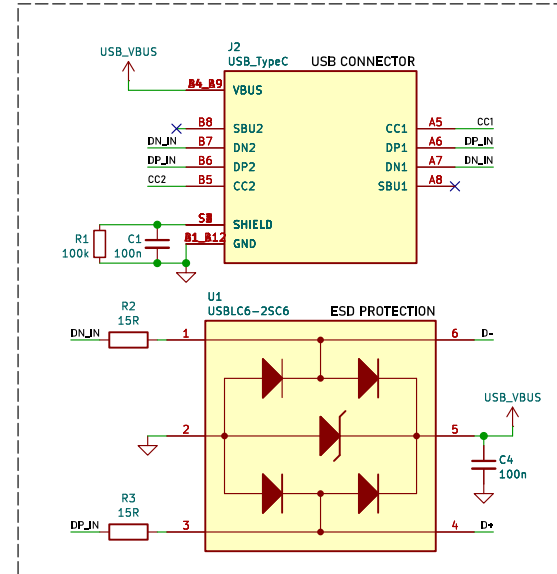
## LOAD SWITCH



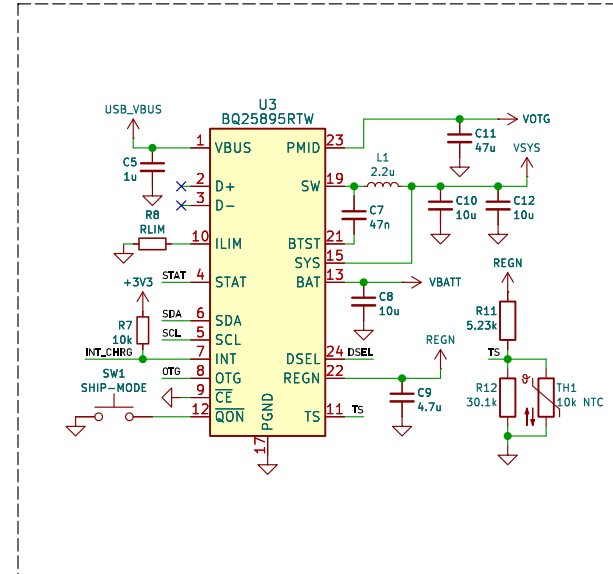
## LED POWER



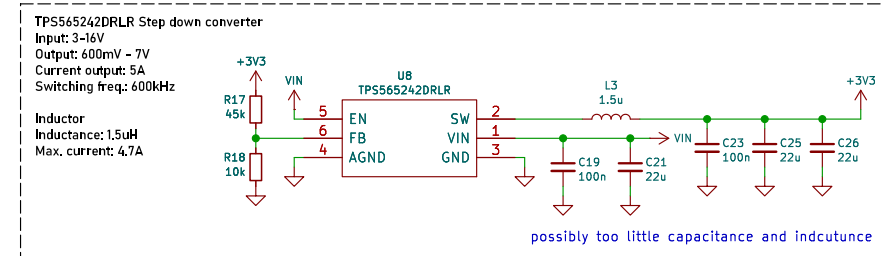
## USB C CONNECTOR



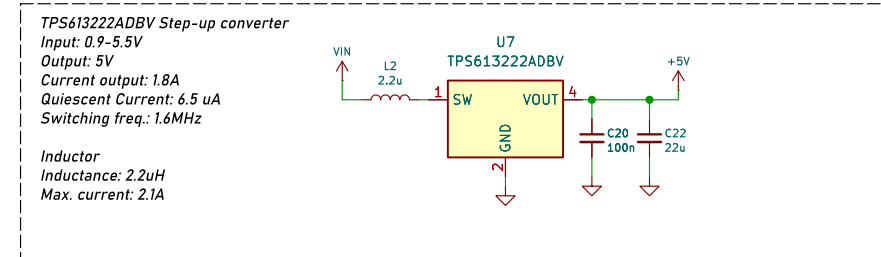
## CHARGER + BMS



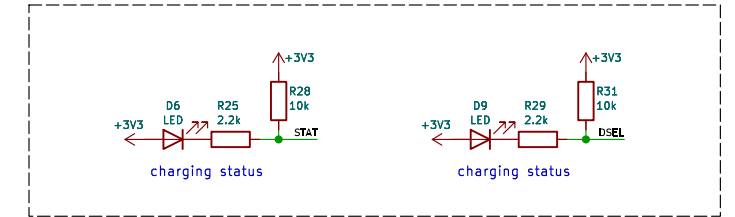
## STEP-DOWN CONVERTER 3.3V



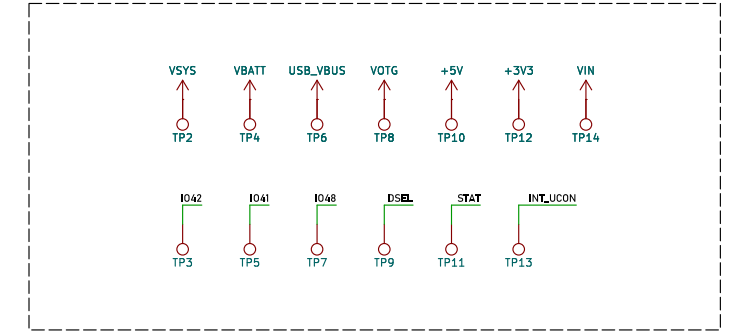
## STEP-UP CONVERTER 5V



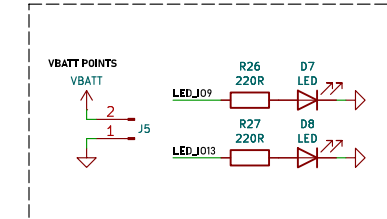
## CHARGER DEBUG



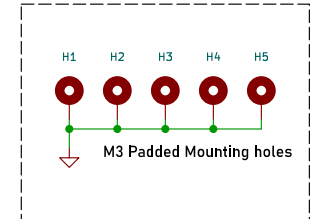
## TESTING POINTS



## MISC DEBUG



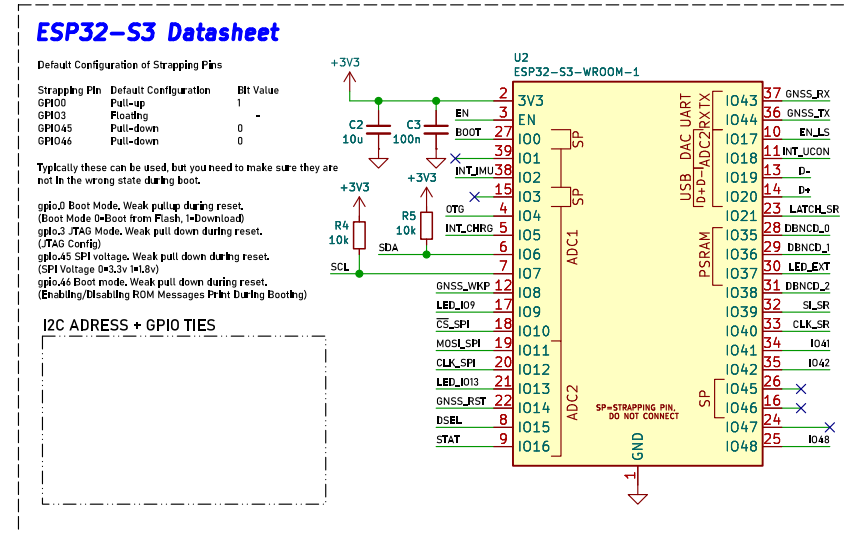
## MOUNTING



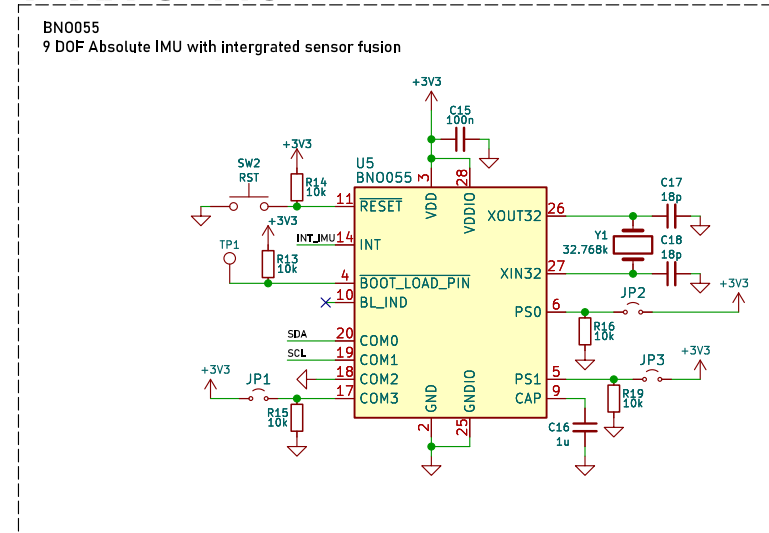
# MCU and IMU

# CONNECTORS and MISC

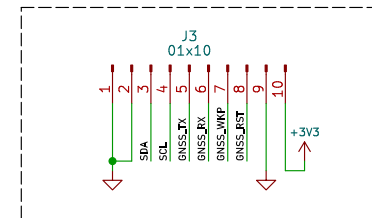
## ESP32-S3-WROOM1



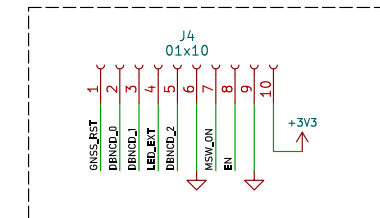
## 9-AXIS IMU



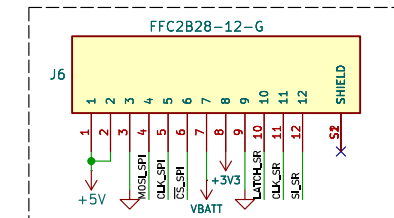
## GNSS CONN.



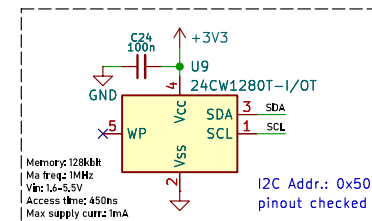
## UI CONN



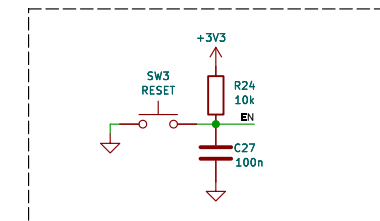
## ARROW + 7SEG



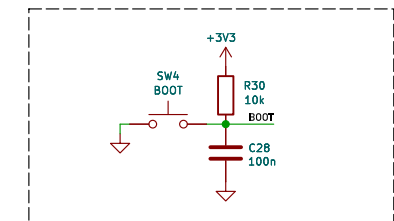
## EEPROM



## RESET



## BOOT



## TO-DO LIST

1. Shift register pins check
2. UI pin pinout fix
- 3.
- 4.
5. STAT - charging in progress silkscreen
- 6.
- 7.

## TECHNICAL DRAWING

File: sub-sch/DRAWING.kicad\_sch



Sheet: /  
File: GPS-Compass.kicad\_sch

Title:

Size: User Date:

Rev:  
Id: 1/2