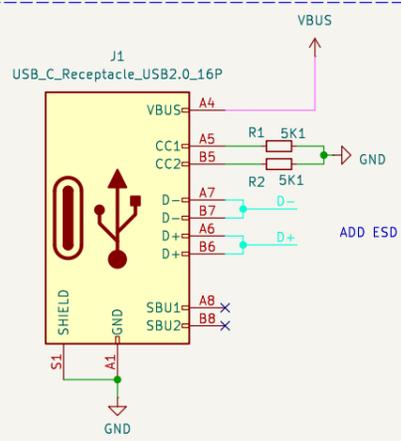
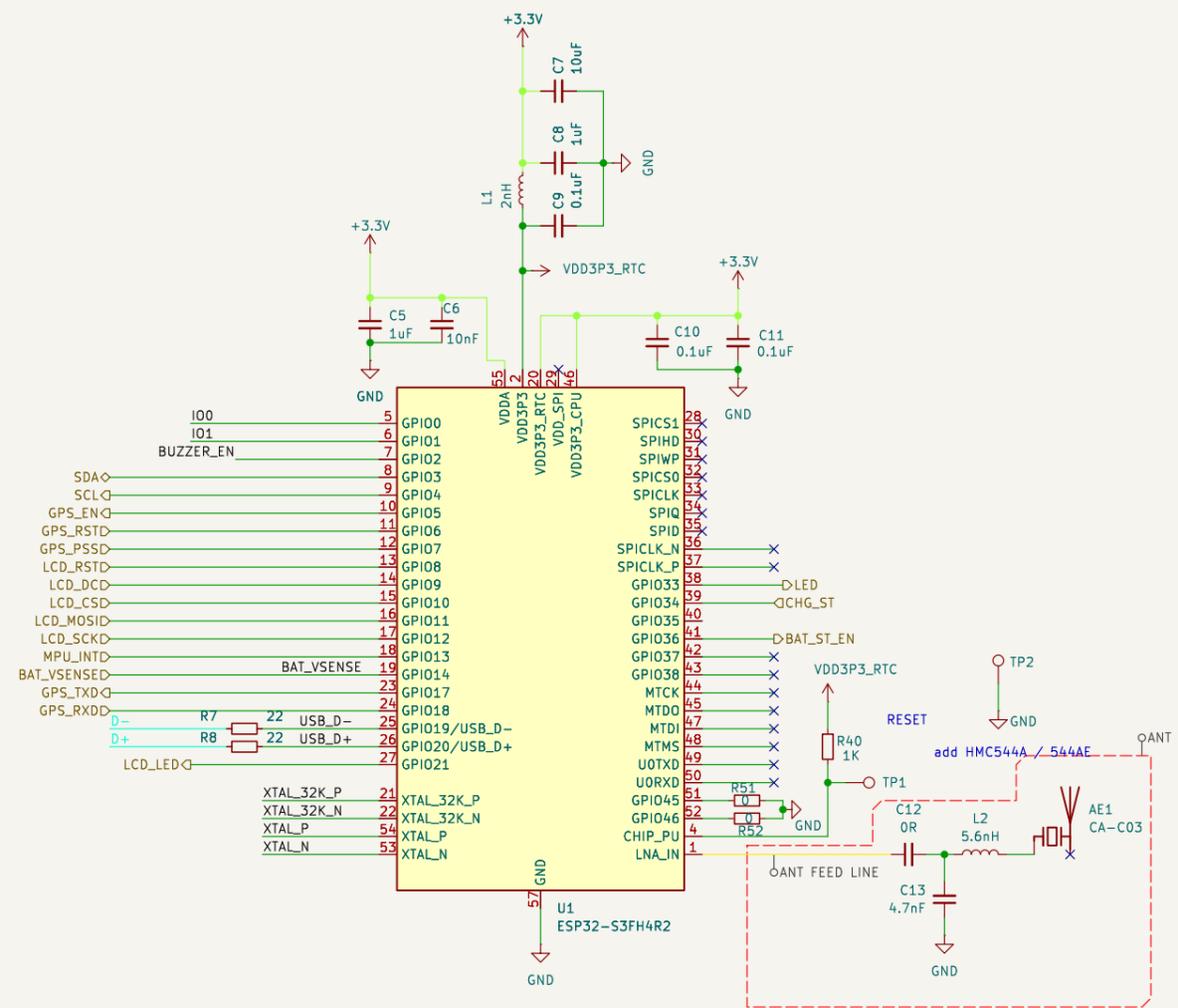


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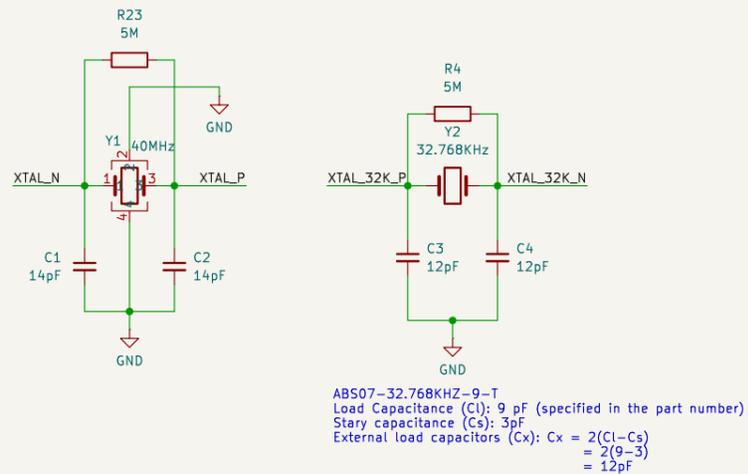
### USB



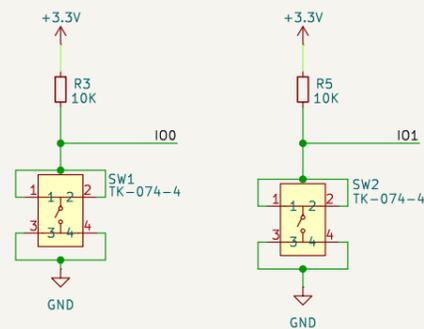
### ESP32-S3FH4R2



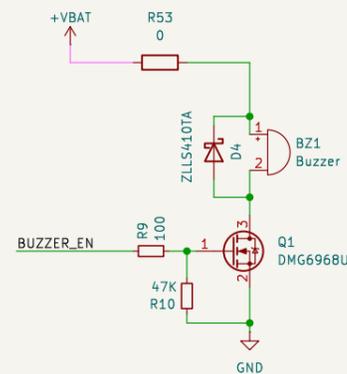
### CRYSTALS



### BUTTONS

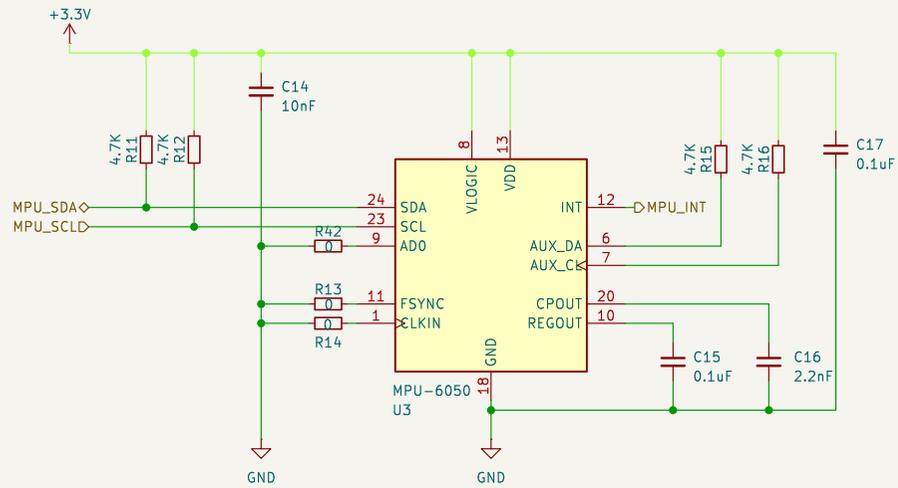


### BUZZER



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KiCad E.D.A. 9.0.0		Id: 2/7

# IMU



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File: GPS.kicad\_sch

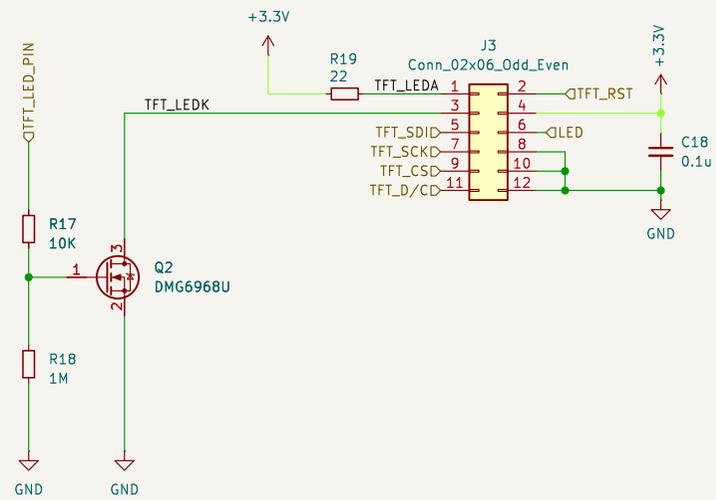
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Id: 3/7

# DISPLAY



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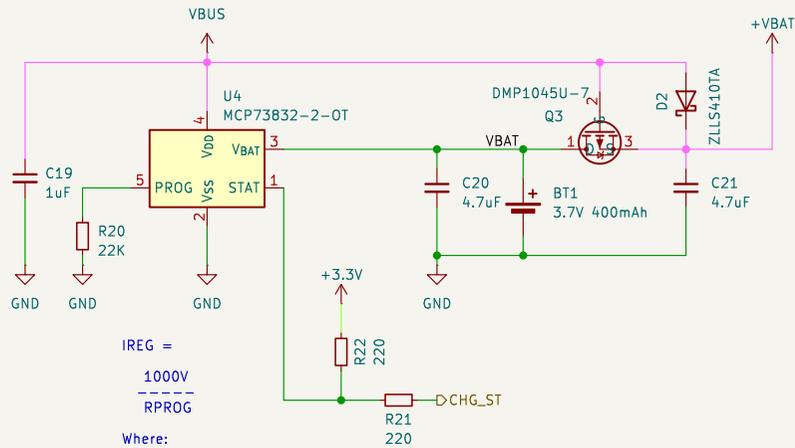
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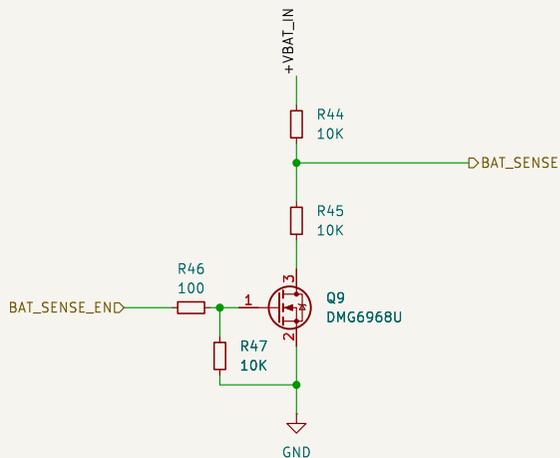
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Rev:  
Id: 4/7

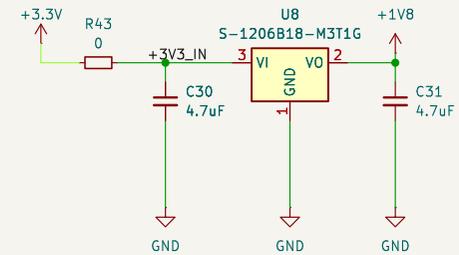
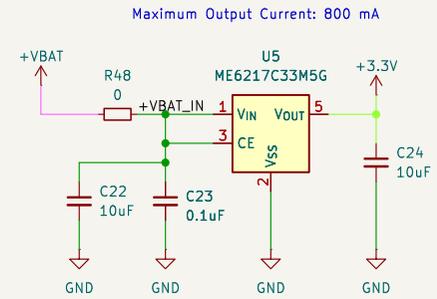
# BATTERY CHARGING UNIT



$$I_{REG} = \frac{1000V}{R_{PROG}}$$
 Where:  
 RPROG = kOhms  
 IREG = milliamper



# LDO



Sheet: /Battery&BMS/  
 File: Battery&BMS.kicad\_sch

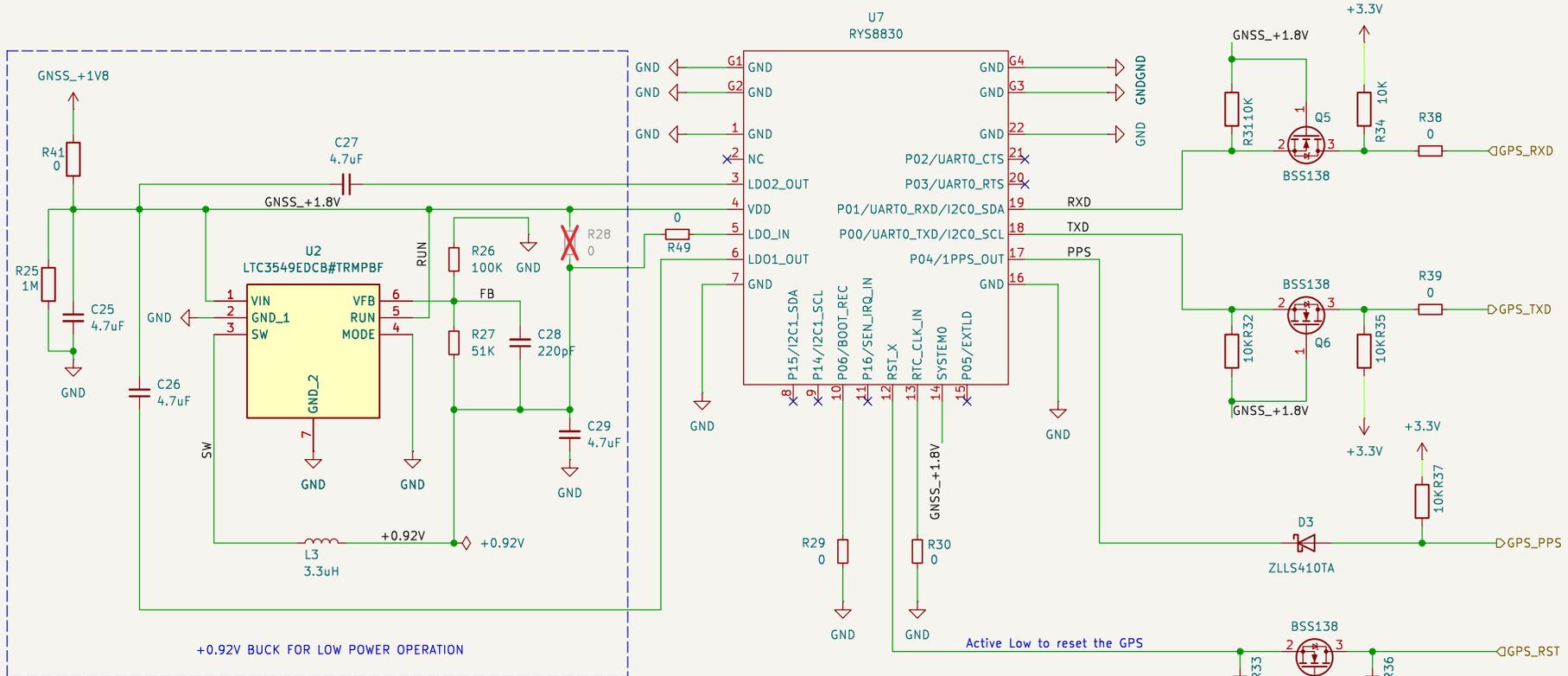
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Date:

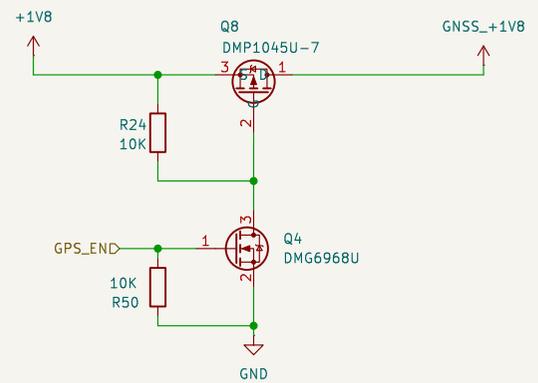
Rev:  
 Id: 5/7

# GNSS



+0.92V BUCK FOR LOW POWER OPERATION

Active Low to reset the GPS



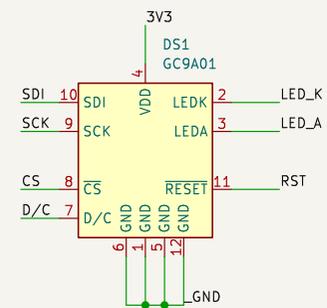
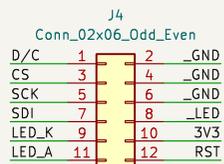
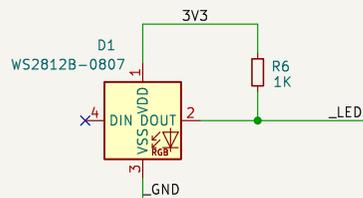
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Date:

Rev:  
Id: 6/7



Sheet: /Display board/  
File: Display\_board.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. 9.0.0

**Rev:**

Id: 7/7