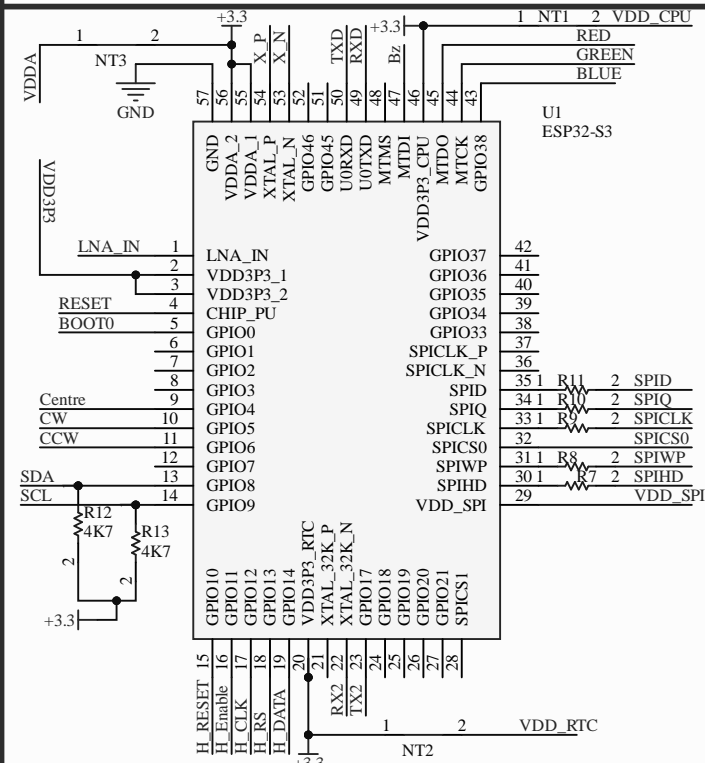
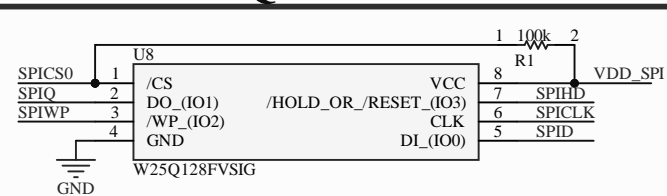


# H-CUBE Watch an ESP32-S3 Based Retro Watch

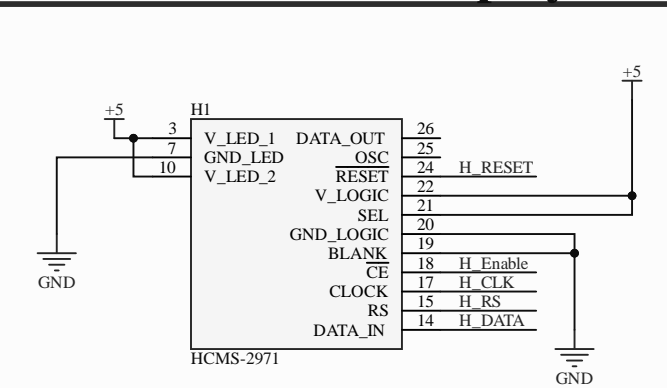
## ESP32-S3



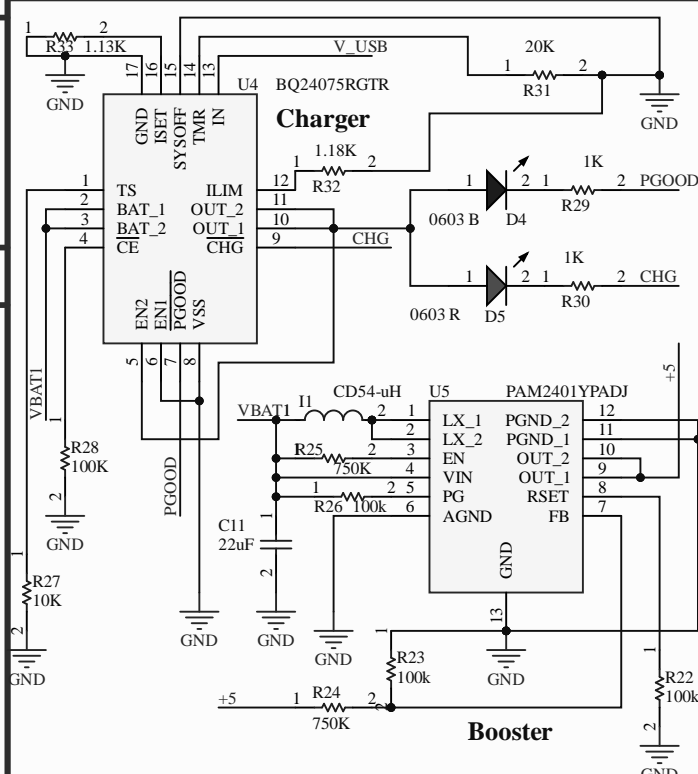
## W25Q128FVSI



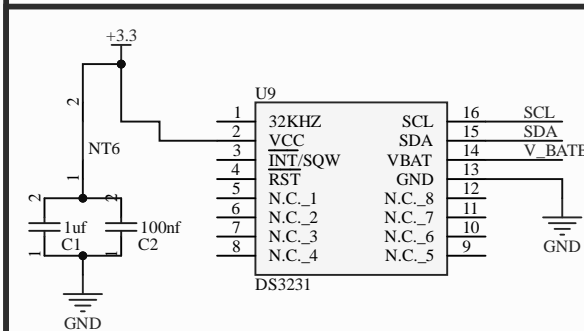
## HCMS-2971 Display



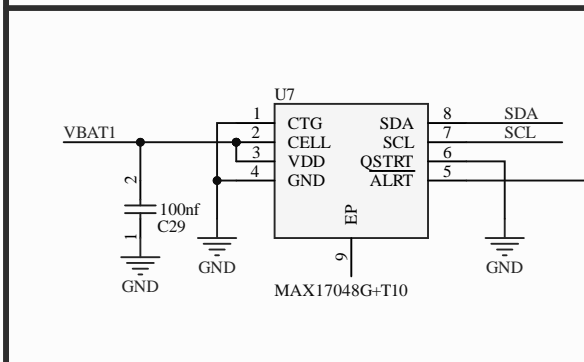
## Battery Charging and Managment



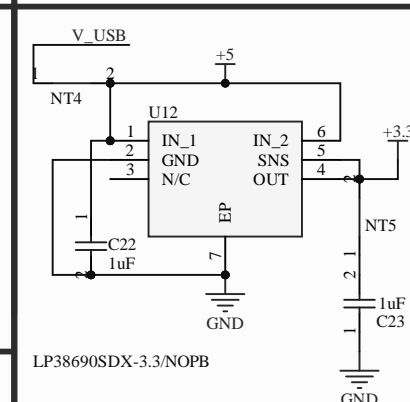
## DS3231 RTC



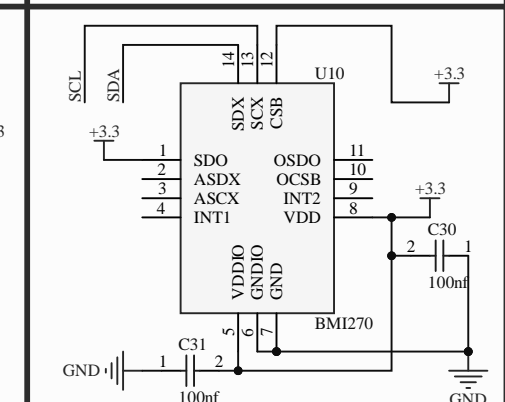
## MAX17048G+T10



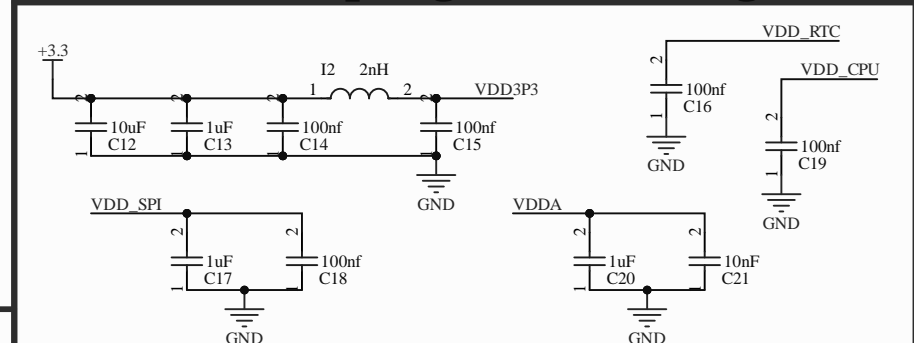
## LDO



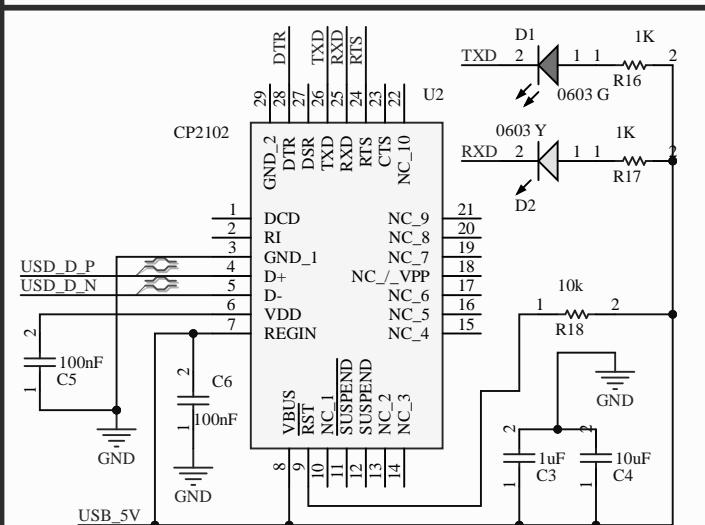
## BMI270 IMU



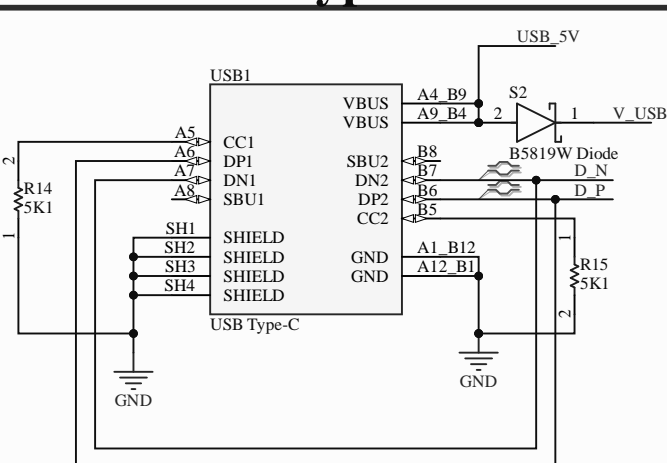
## Decoupling and Filtering



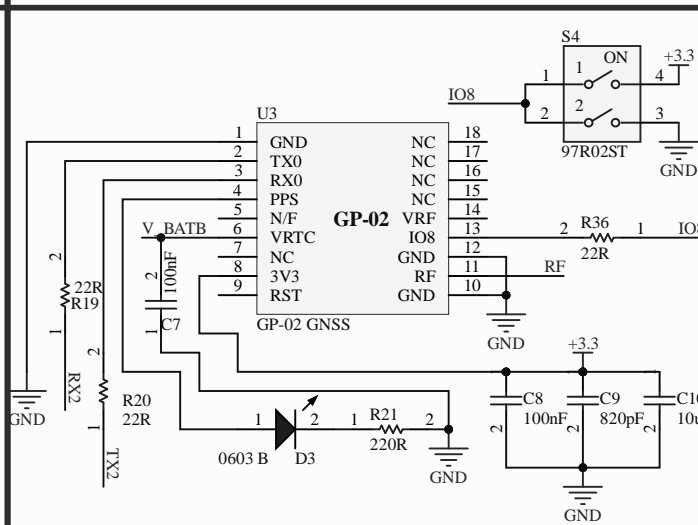
## CP2102 USB to TTL



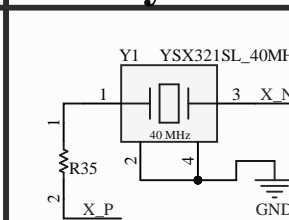
## USB Type-C



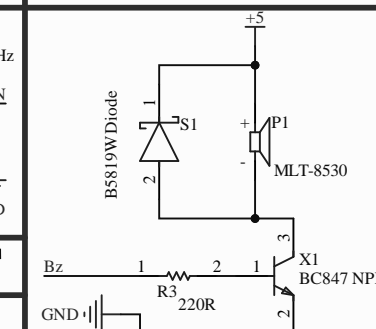
## GP-02/GPS/GNSS



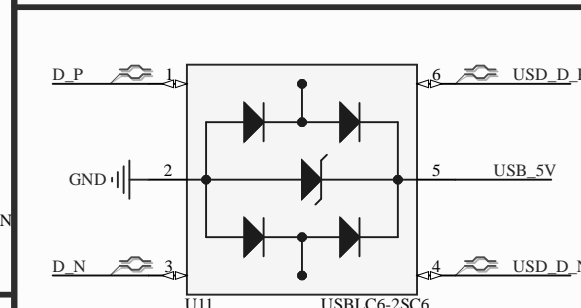
## Crystal



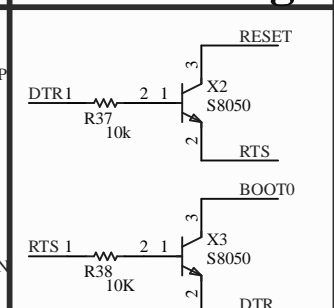
## Buzzer



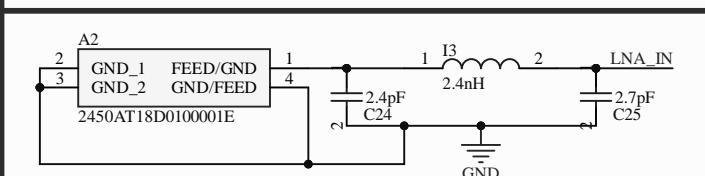
## ESD Protection



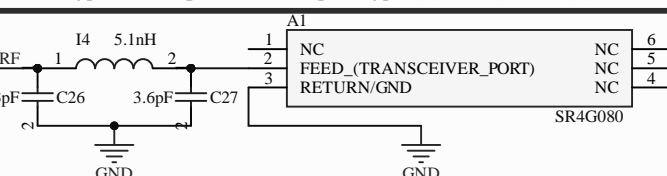
## Auto Prog



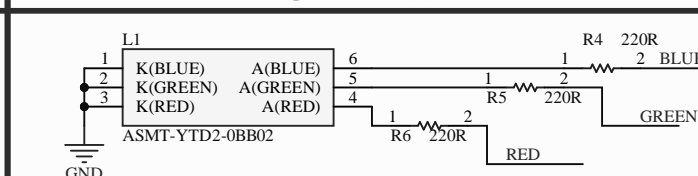
## 2450AT18D0100001E



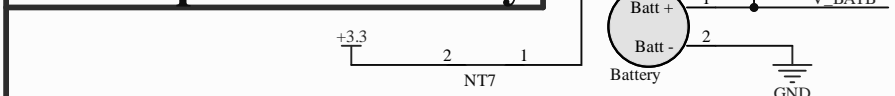
## SR4G080 GPS antenna



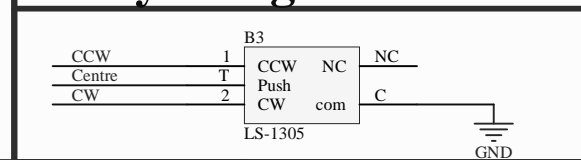
## RGB Led



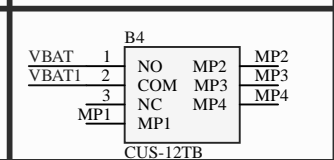
## BackUp Li-ion battery



## 3 way navigation switch



## ON/OFF



Title			
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A4			
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