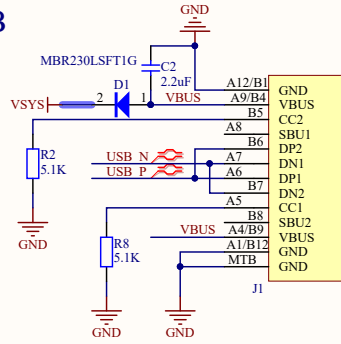
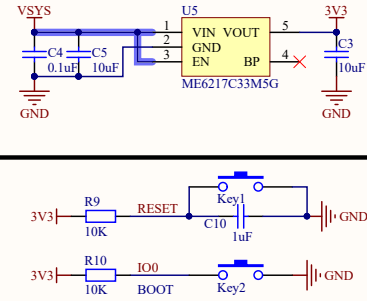


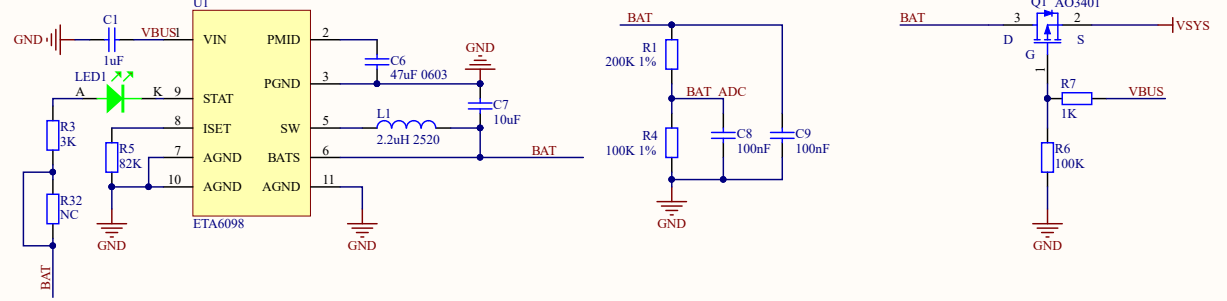
## USB



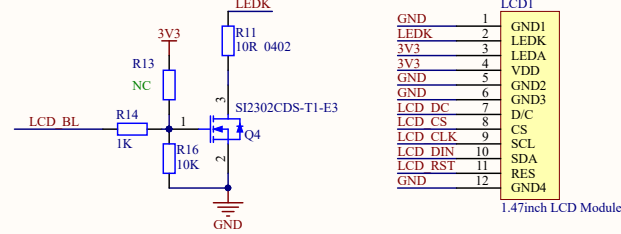
## Power



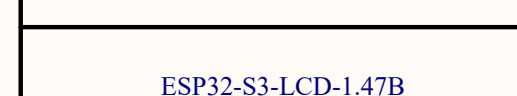
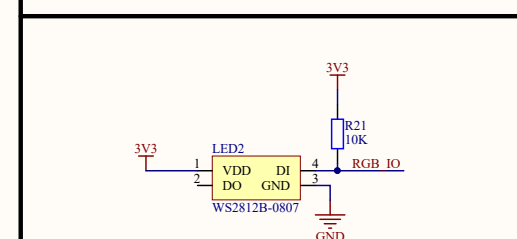
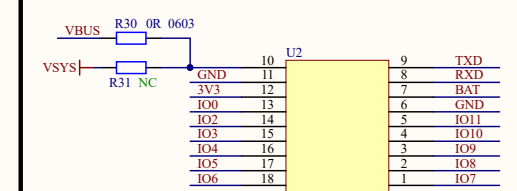
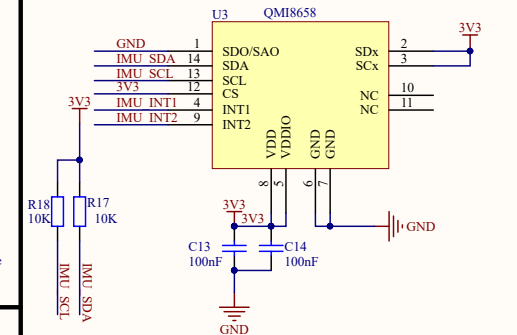
## BAT



## Back Light



| GPIO     | LCD     | SD Card | UART | IMU      | Other   |
|----------|---------|---------|------|----------|---------|
| IO0      |         |         |      |          | GPIO    |
| IO1      |         |         |      |          | BAT ADC |
| IO2-IO11 |         |         |      |          | GPIO    |
| IO12     |         |         |      | IMU_INT2 | GPIO    |
| IO13     |         |         |      | IMU_INT1 |         |
| IO14     |         | SD SCLK |      |          |         |
| IO15     |         | SD MOSI |      |          |         |
| IO16     |         | SD MISO |      |          |         |
| IO17     |         | SD D2   |      |          |         |
| IO18     |         | SD D1   |      |          |         |
| IO19     |         |         |      |          |         |
| IO20     |         |         |      |          |         |
| IO21     |         | SD CS   |      |          |         |
| IO38     |         |         |      |          | RGB IO  |
| IO39     | LCD RST |         |      |          |         |
| IO40     | LCD CLK |         |      |          |         |
| IO41     | LCD DC  |         |      |          |         |
| IO42     | LCD CS  |         |      |          |         |
| TXD      |         |         | IO43 |          |         |
| RXD      |         |         | IO44 |          |         |
| IO45     | LCD DIN |         |      | IMU SCL  |         |
| IO46     | LCD BL  |         |      | IMU SDA  |         |
| IO47     |         |         |      |          |         |
| IO48     |         |         |      |          |         |



ESP32-S3-LCD-1.47B