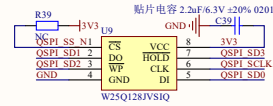
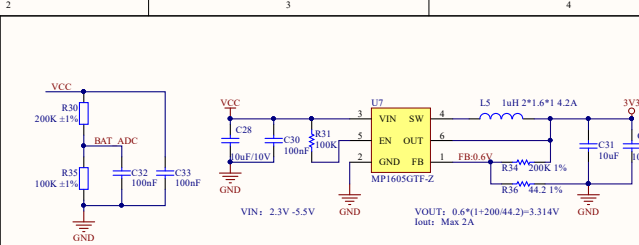


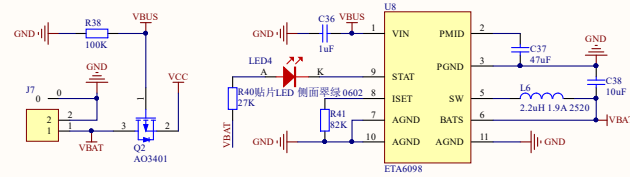
## TYPE-C



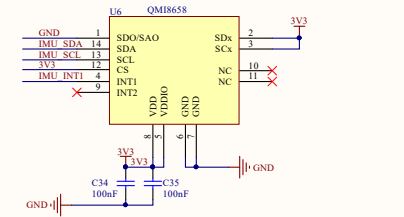
## FLASH



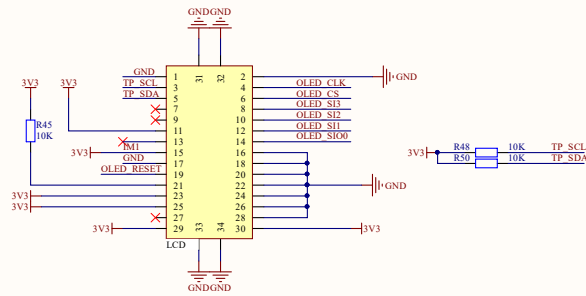
## BAT



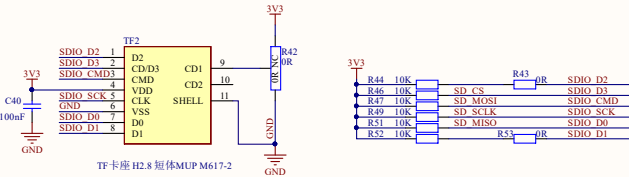
## POWER



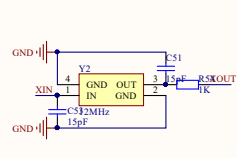
## IMU

W<sub>aveshare</sub> RP2350-Touch-AMOLED-1.64

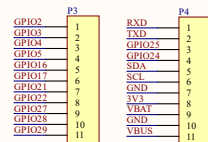
## LCD



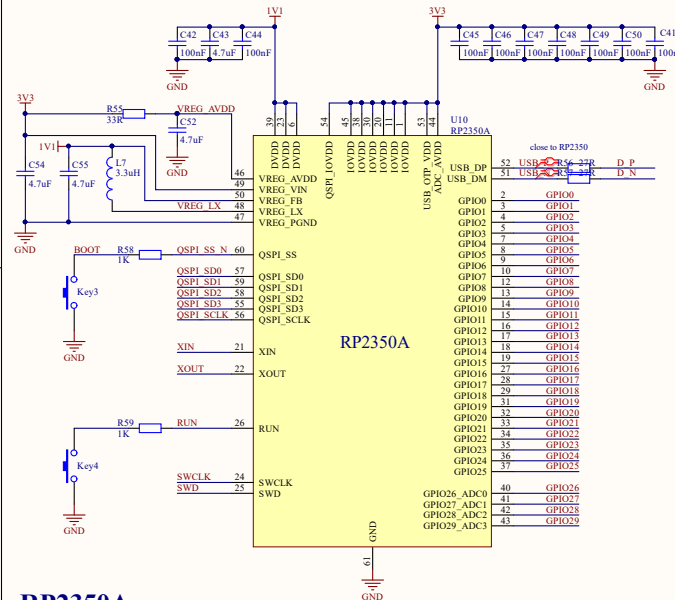
## SD\_CARD



## XTAL



## GPIO



**RP2350A**

| GPIO   | LCU        | UART | I2C | SD_Card | IMU      | Other   |
|--------|------------|------|-----|---------|----------|---------|
| GPIO0  |            | TXD  |     |         |          |         |
| GPIO1  |            | RXD  |     |         |          |         |
| GPIO2  |            |      |     |         |          | GPIO2   |
| GPIO3  |            |      |     |         |          | GPIO3   |
| GPIO4  |            |      |     |         |          | GPIO4   |
| GPIO5  |            |      |     |         |          | GPIO5   |
| GPIO6  | TP_SDA     |      | SDA |         | IMU_SDA  |         |
| GPIO7  | TP_SCL     |      | SCL |         | IMU_SCL  |         |
| GPIO8  |            |      |     |         | IMU_INT1 |         |
| GPIO9  | OLED_CS    |      |     |         |          |         |
| GPIO10 | OLED_CLK   |      |     |         |          |         |
| GPIO11 | OLED_SIO0  |      |     |         |          |         |
| GPIO12 | OLED_S11   |      |     |         |          |         |
| GPIO13 | OLED_S12   |      |     |         |          |         |
| GPIO14 | OLED_S13   |      |     |         |          |         |
| GPIO15 | OLED_RESET |      |     |         |          |         |
| GPIO16 |            |      |     |         |          | GPIO16  |
| GPIO17 |            |      |     |         |          | GPIO17  |
| GPIO18 |            |      |     | SD_SCLK |          |         |
| GPIO19 |            |      |     | SD_MOS1 |          |         |
| GPIO20 |            |      |     | SD_MISO |          |         |
| GPIO21 |            |      |     | SDIO_D1 |          | GPIO21  |
| GPIO22 |            |      |     | SDIO_D2 |          | GPIO22  |
| GPIO23 |            |      |     | SD_CS   |          |         |
| GPIO24 |            |      |     |         |          | GPIO24  |
| GPIO25 |            |      |     |         |          | GPIO25  |
| GPIO26 |            |      |     |         |          | BAT_ADC |
| GPIO27 |            |      |     |         |          | GPIO27  |
| GPIO28 |            |      |     |         |          | GPIO28  |
| GPIO29 |            |      |     |         |          | GPIO29  |