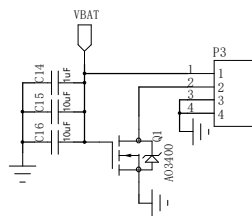
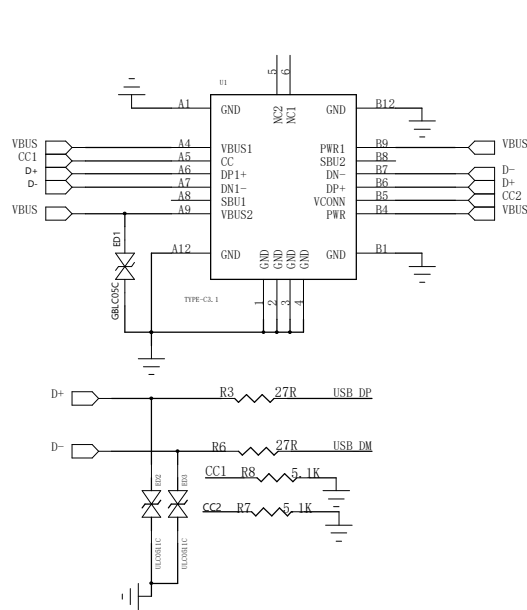
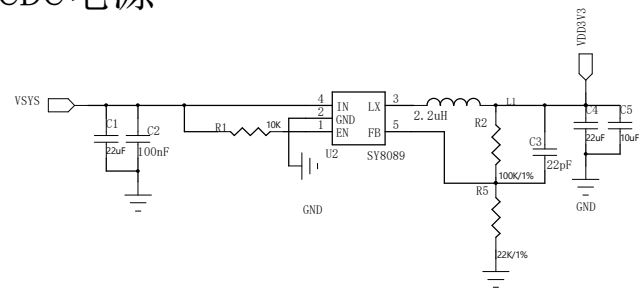


TYPE-C



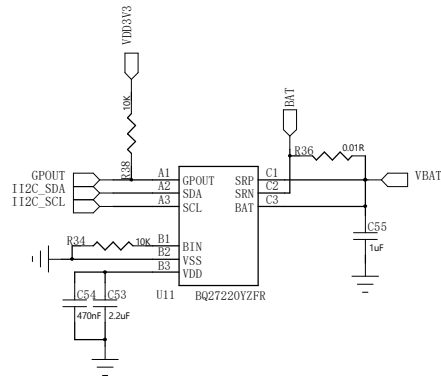
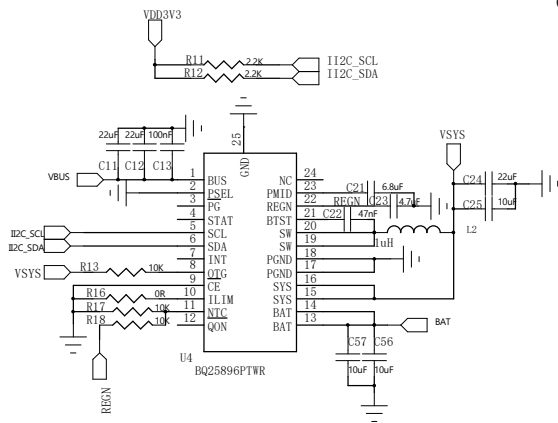
电池防反

DCDC电源

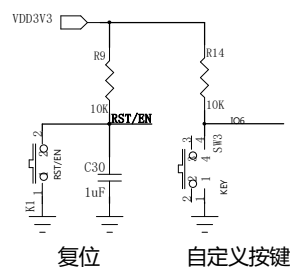
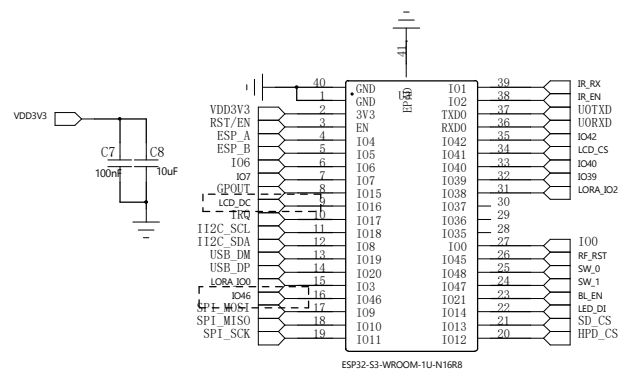


充电电路

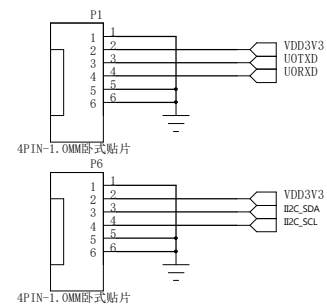
I12C\_SCL----->I018  
I12C\_SDA----->I08  
DC\_INT----->I07  
GPOUT----->I015



## ESP32-S3

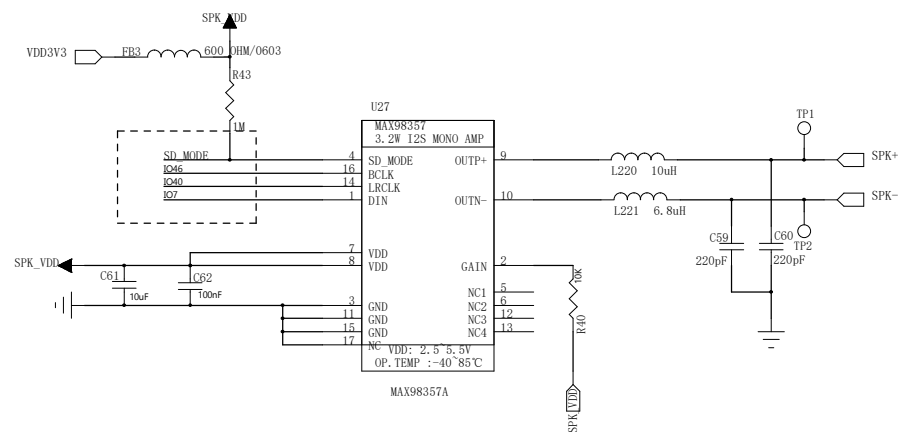
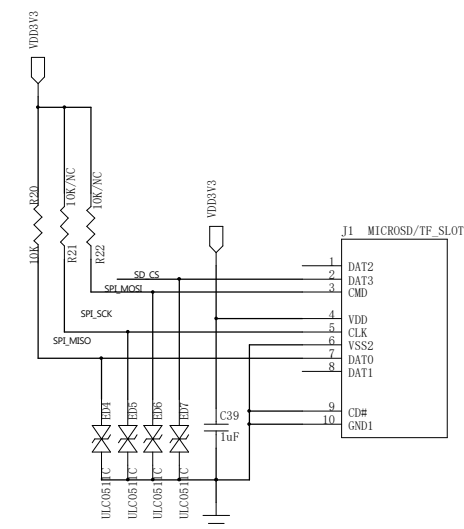


## QWIIC



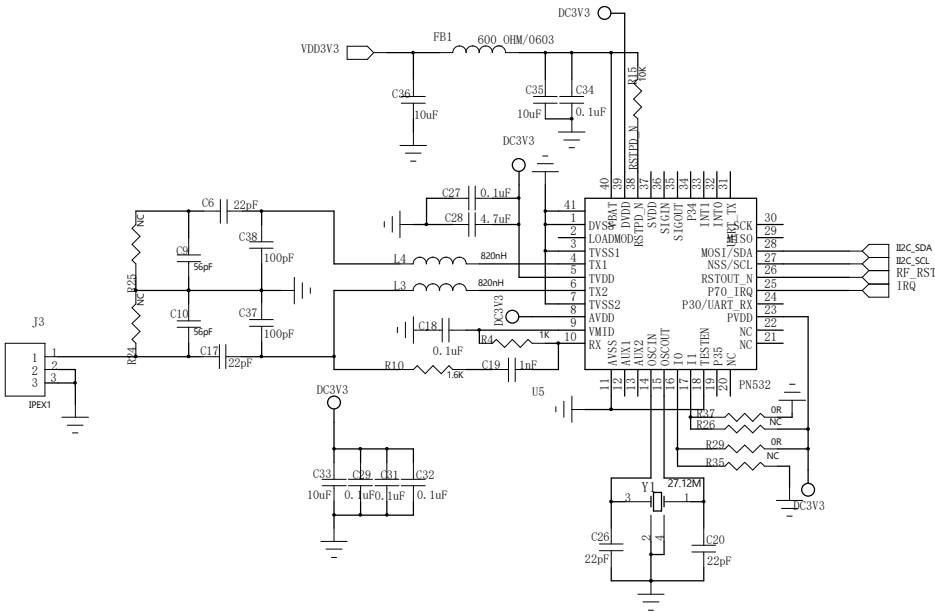
TF卡座

```
SD_CS----->I013
SPI_MOSI----->I09
SPI_SCK----->I011
SPI_MISO----->I010
```



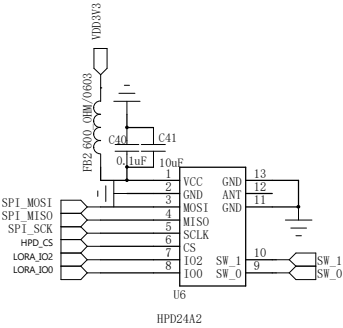
PN532

II2C\_SCL----->I018  
II2C\_SDA----->I08  
RF\_RST----->I045  
IRQ----->I017



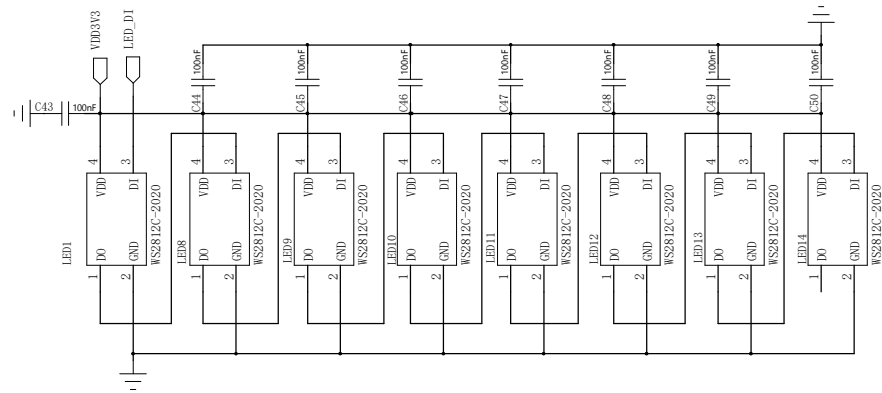
LORA

SPI\_MOSI----->I09  
SPI\_SCK----->I011  
SPI\_MISO----->I010  
HPD\_CS----->I012  
LORA\_IO2----->I038  
LORA\_IO0----->I03  
SW\_1----->I047  
SW\_0----->I048



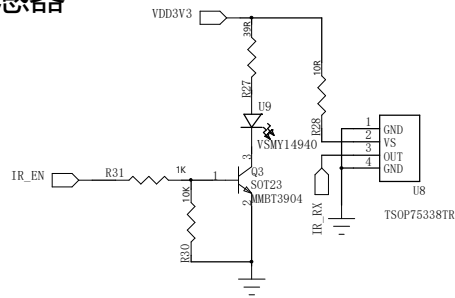
RGB

LED\_DI----->I014



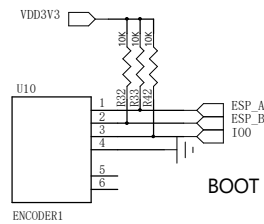
红外传感器

IR\_EN----->I02  
IR\_RX----->I01

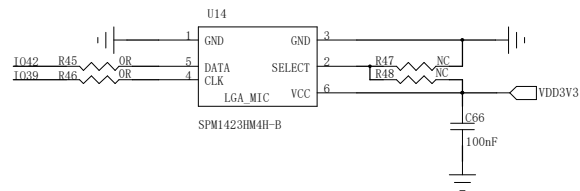


编码器

ESP\_A----->I04  
ESP\_B----->I05



麦克风



LCD\_RES----->I040  
LCD\_CS----->I041  
SPI\_MOSI----->I09  
SPI\_SCK----->I011  
SPI\_MISO----->I010  
I2C\_SCL----->I018  
I2C\_SDA----->I08  
T\_RST----->I046  
T\_INT----->I016  
BL\_EN----->I021

LCD

