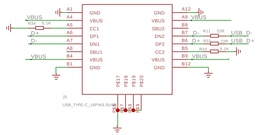
USB type-c座子



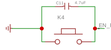
USB转串口

主控 ESP32-WROOM-32-N4

BOOT

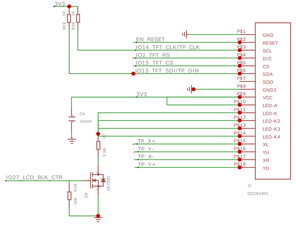
IO0:
低电平：下载启动
高电平：SPI启动

RESET



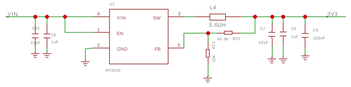
EN:
高电平：芯片使能；
低电平：芯片关闭。

LCD+TP 接口



电池及控制电路

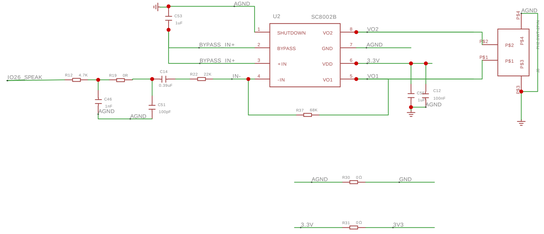
系统3.3V电源



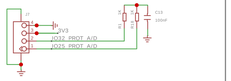
Vout=0.6*(R20/R21 +1)=3.3V

POWER LED

SPEAK 功放

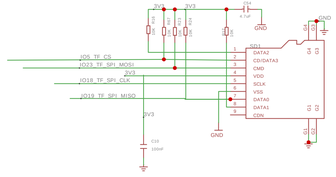


GPIO A/D接口
可以扩展UART口
可以扩展I2C口

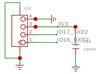
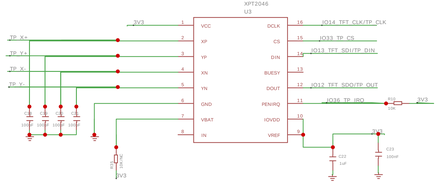


I2C接口

TF Card



UART1接口



TP驱动:XPT2046