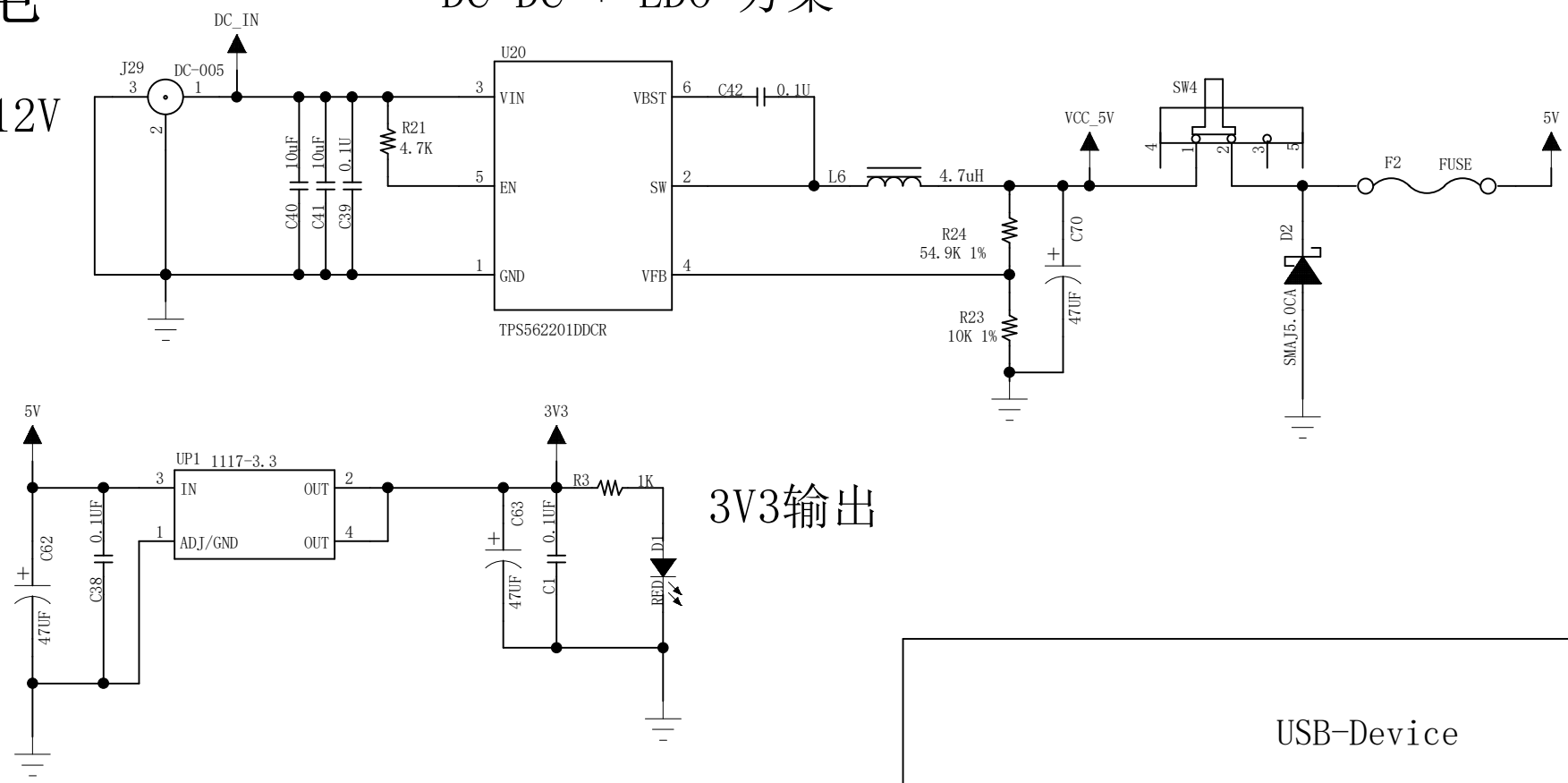


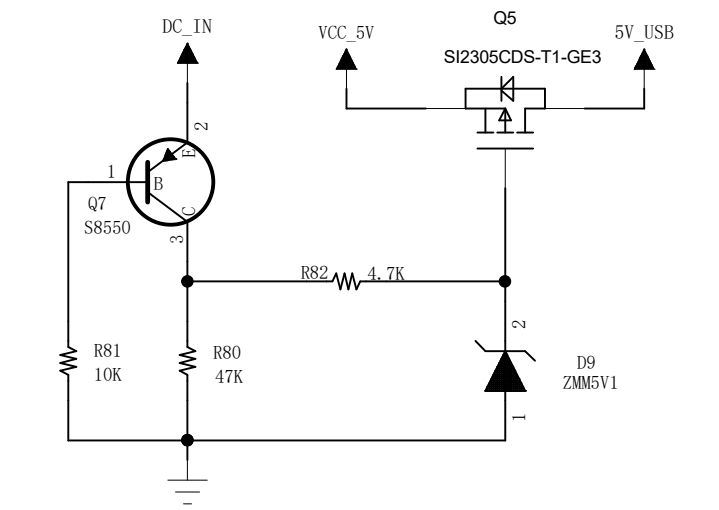
电源供电

DI_IN: 6-12V

DC DC + LDO 方案

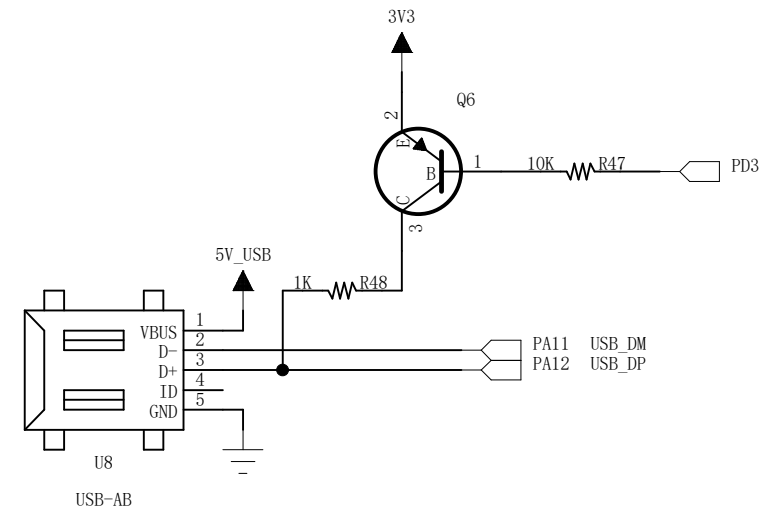


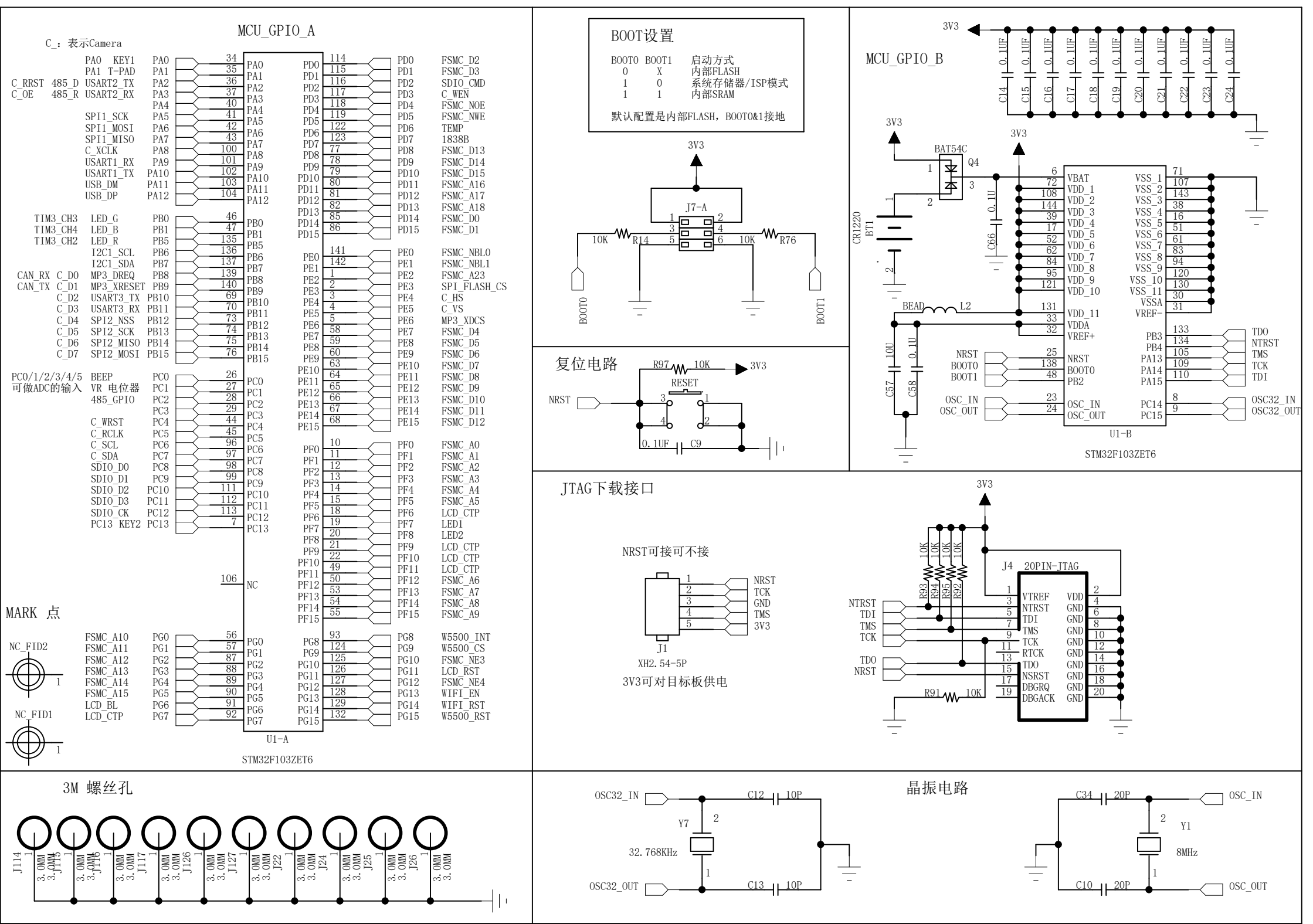
3V3输出



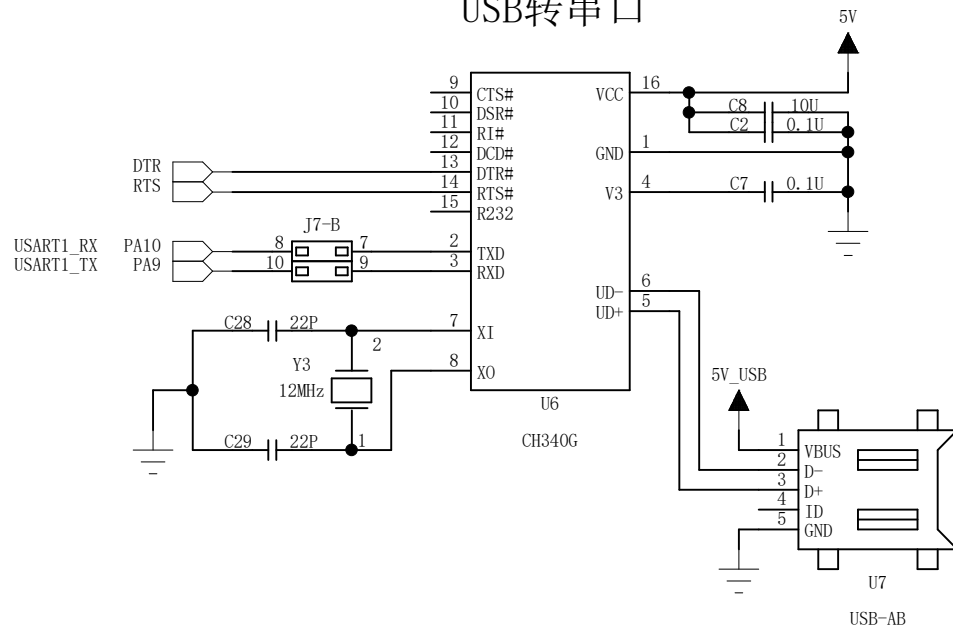
外部电源供电时断开USB供电，防止灌电流，保护电脑USB口

USB-Device

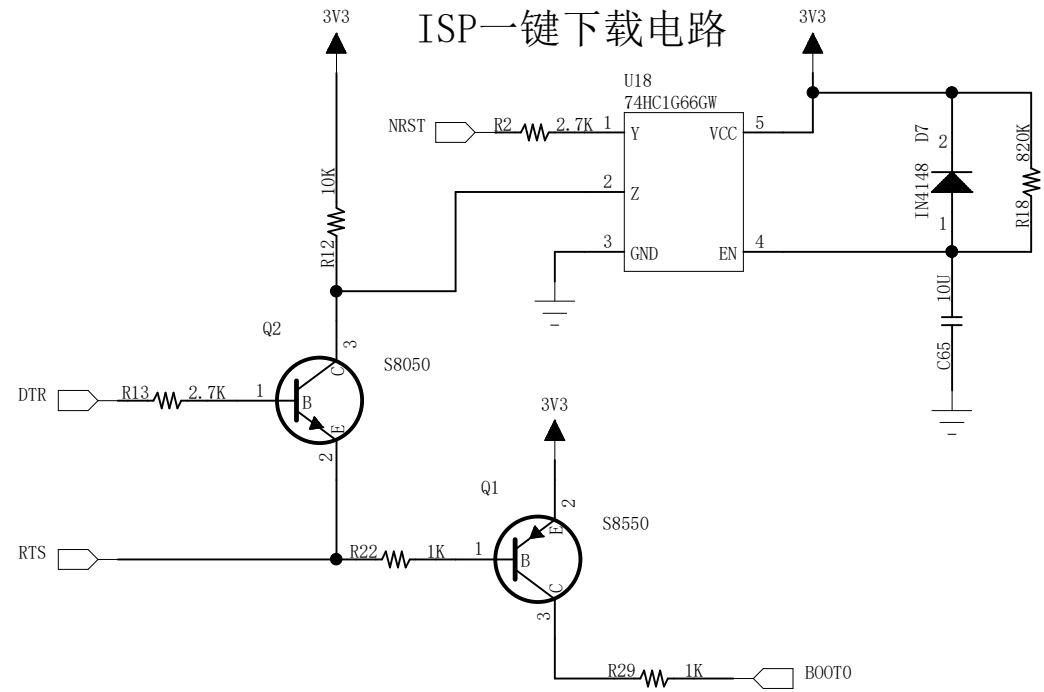




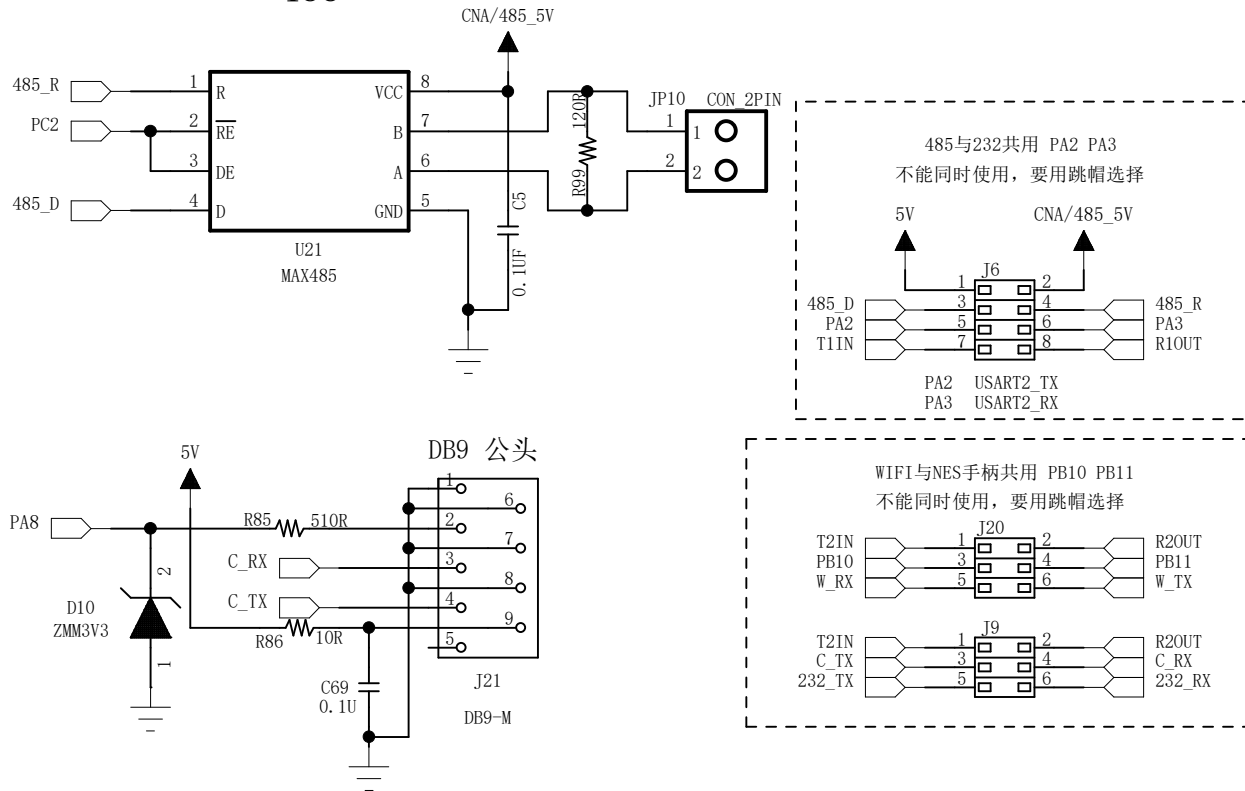
USB转串口



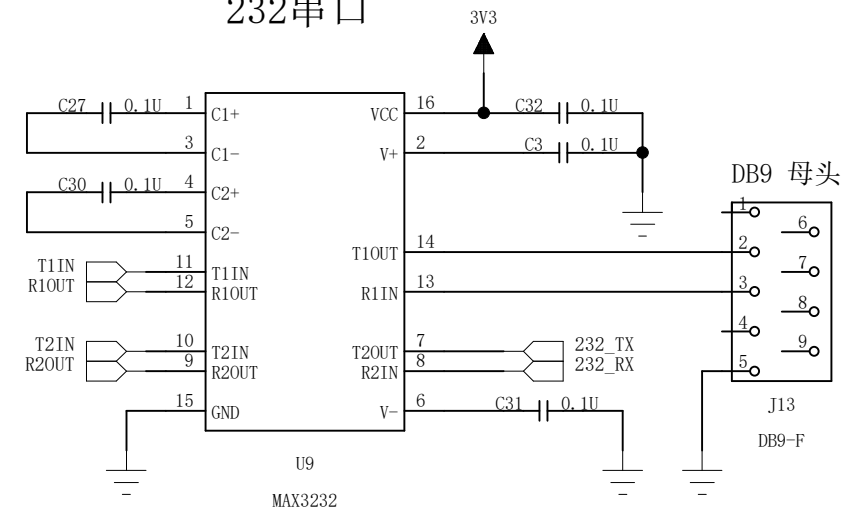
ISP一键下载电路

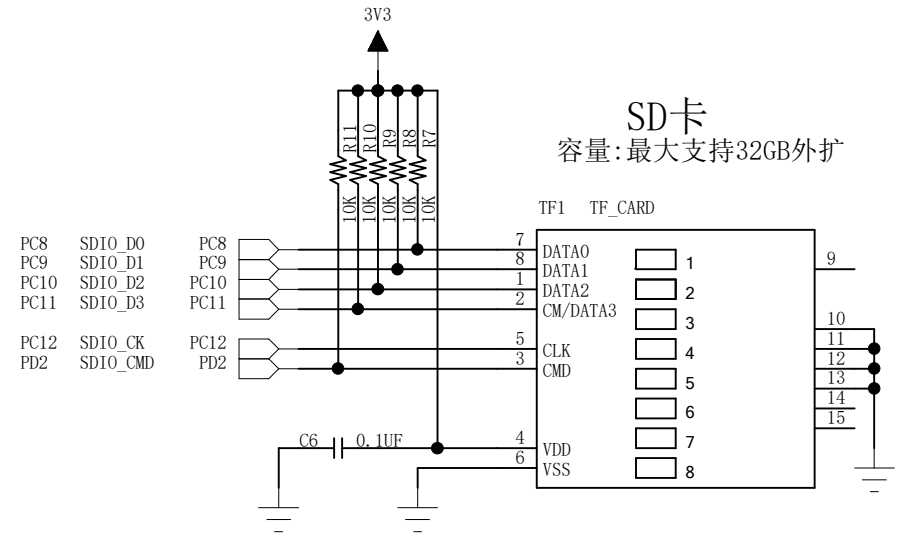
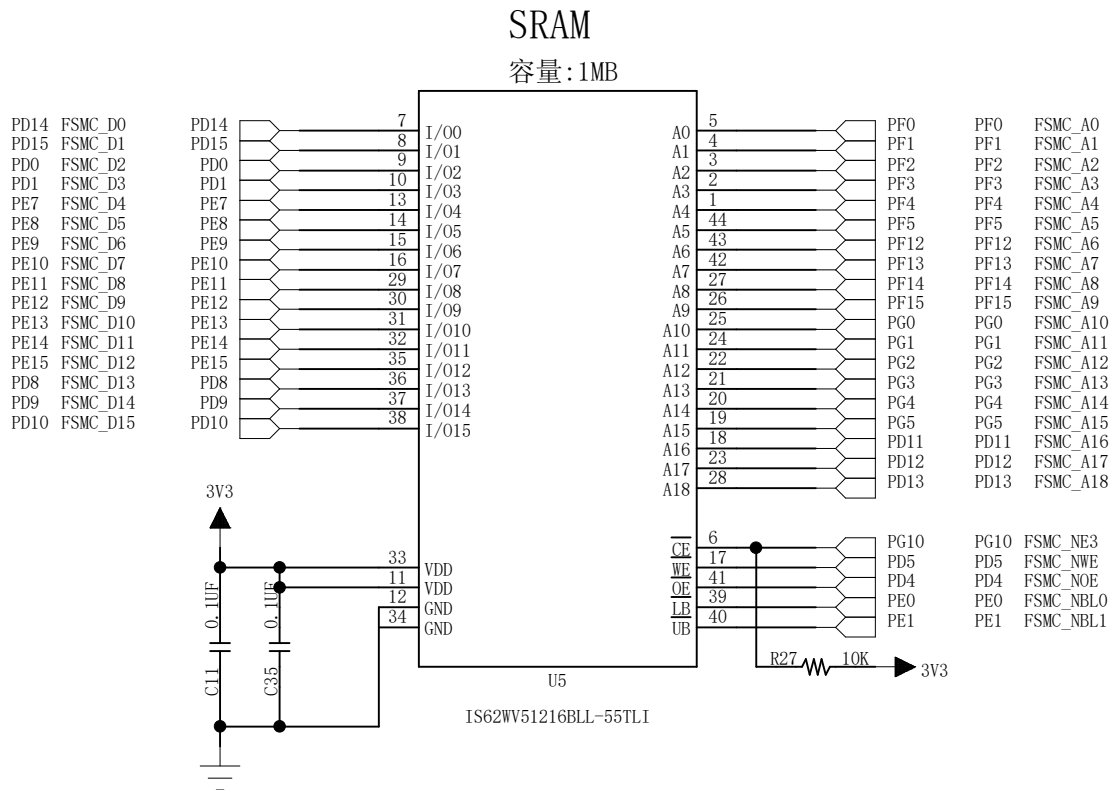
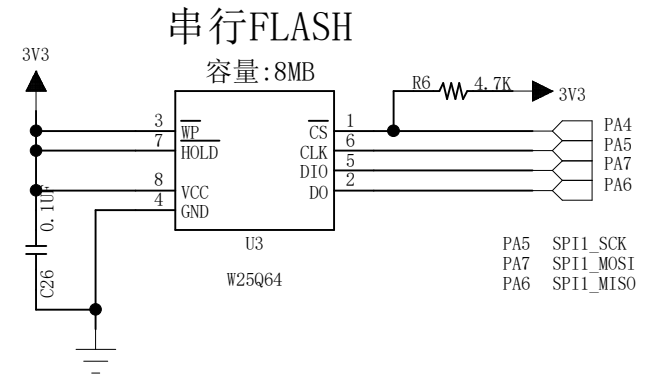
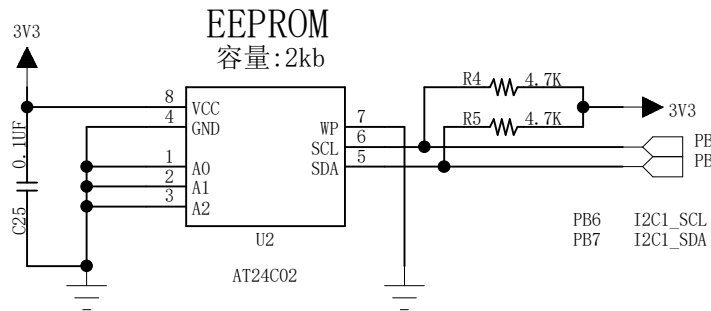


485

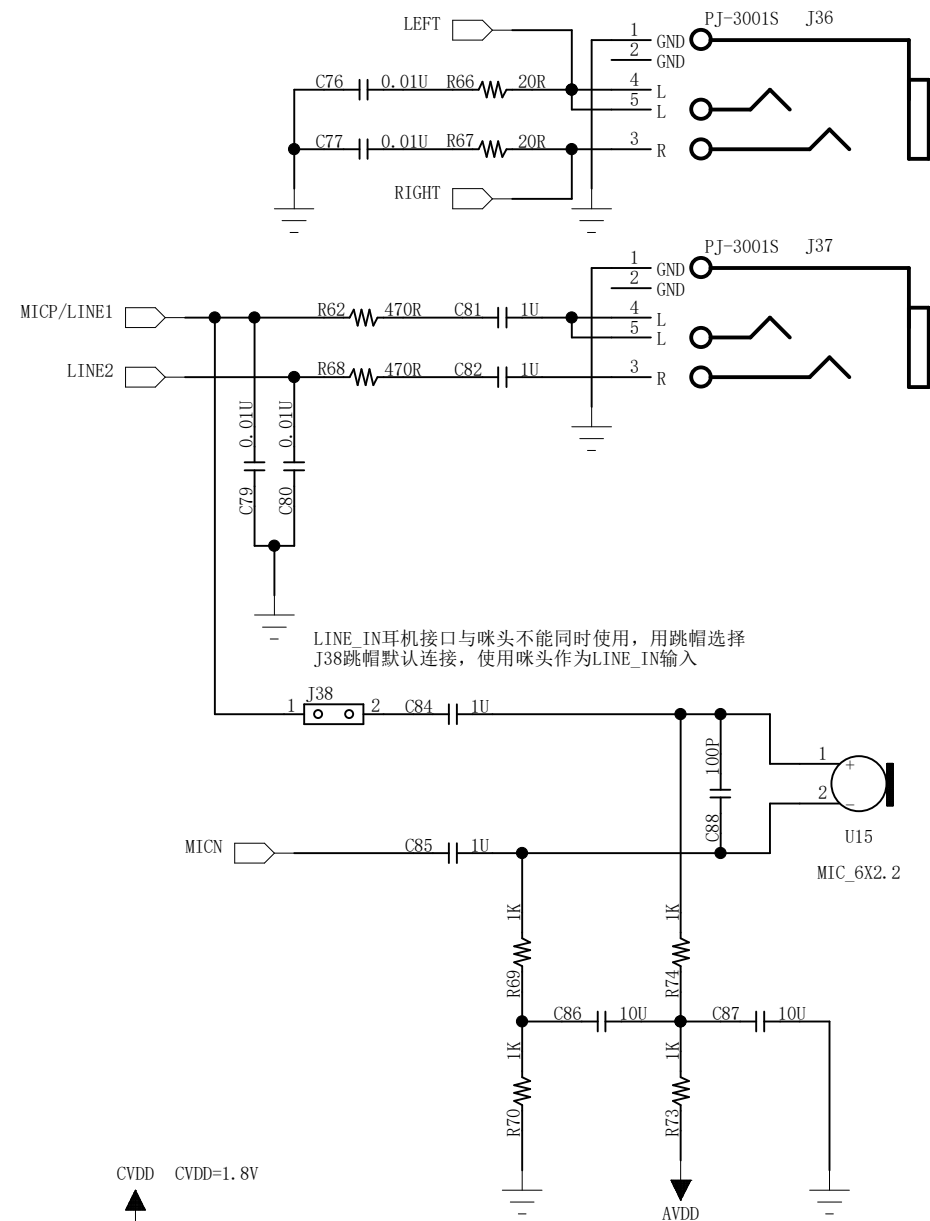
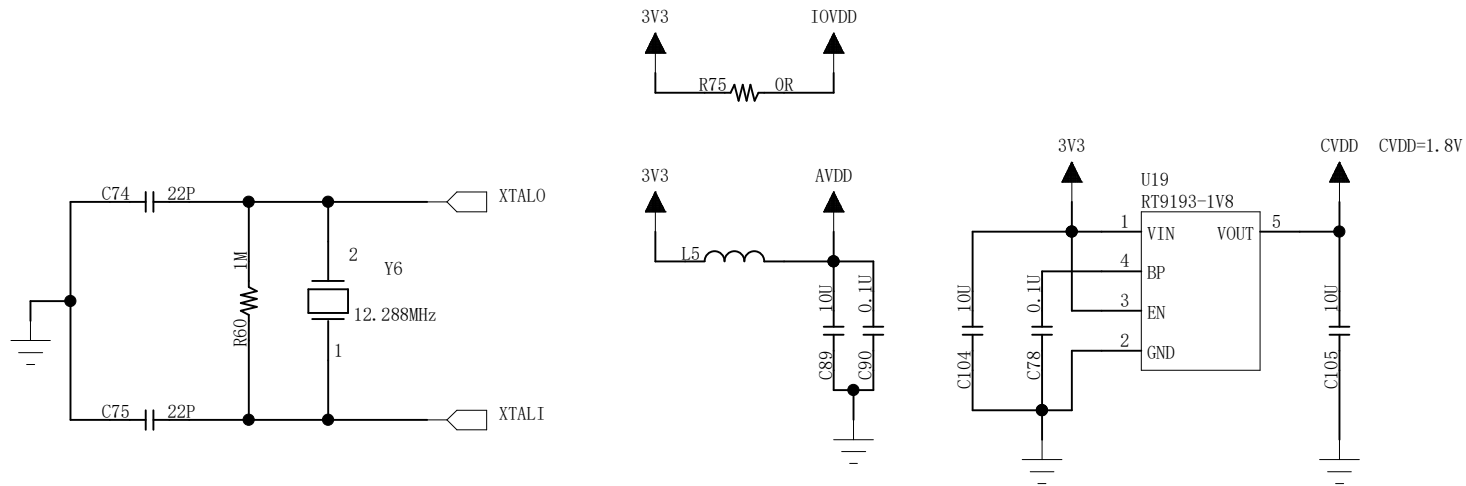
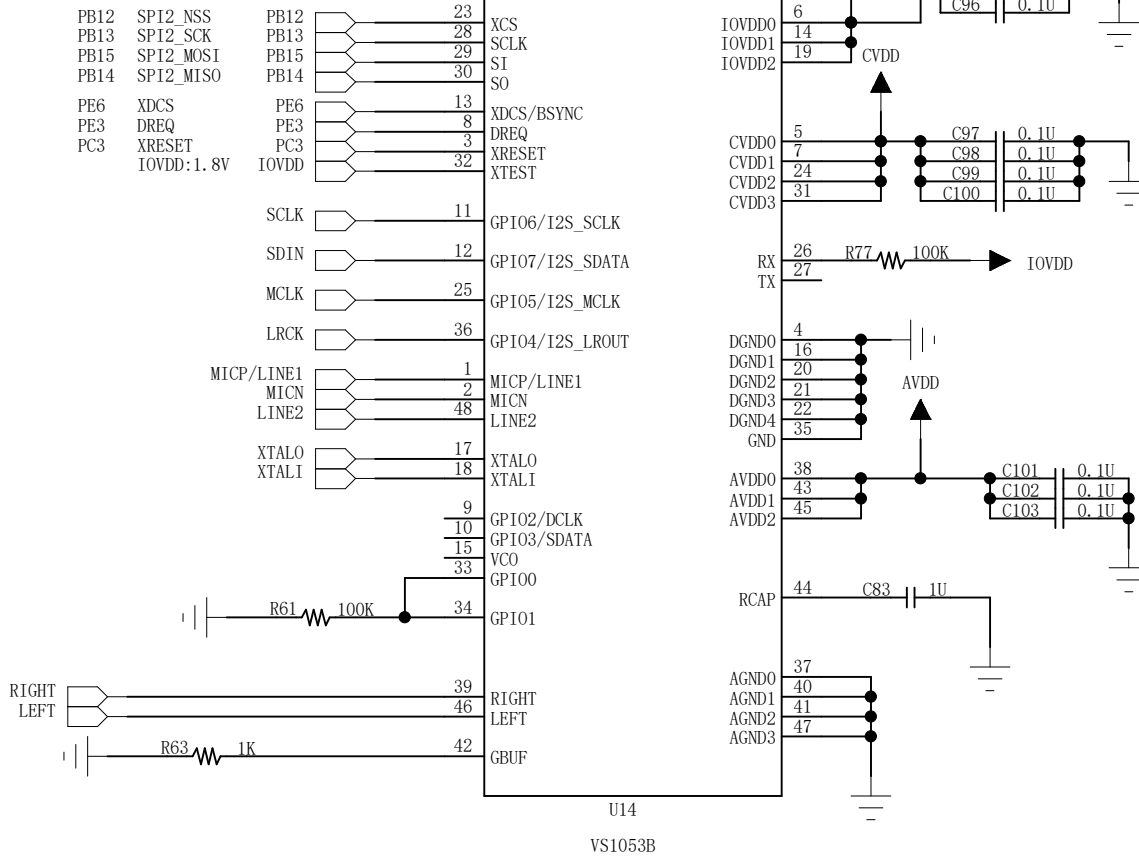


232串口

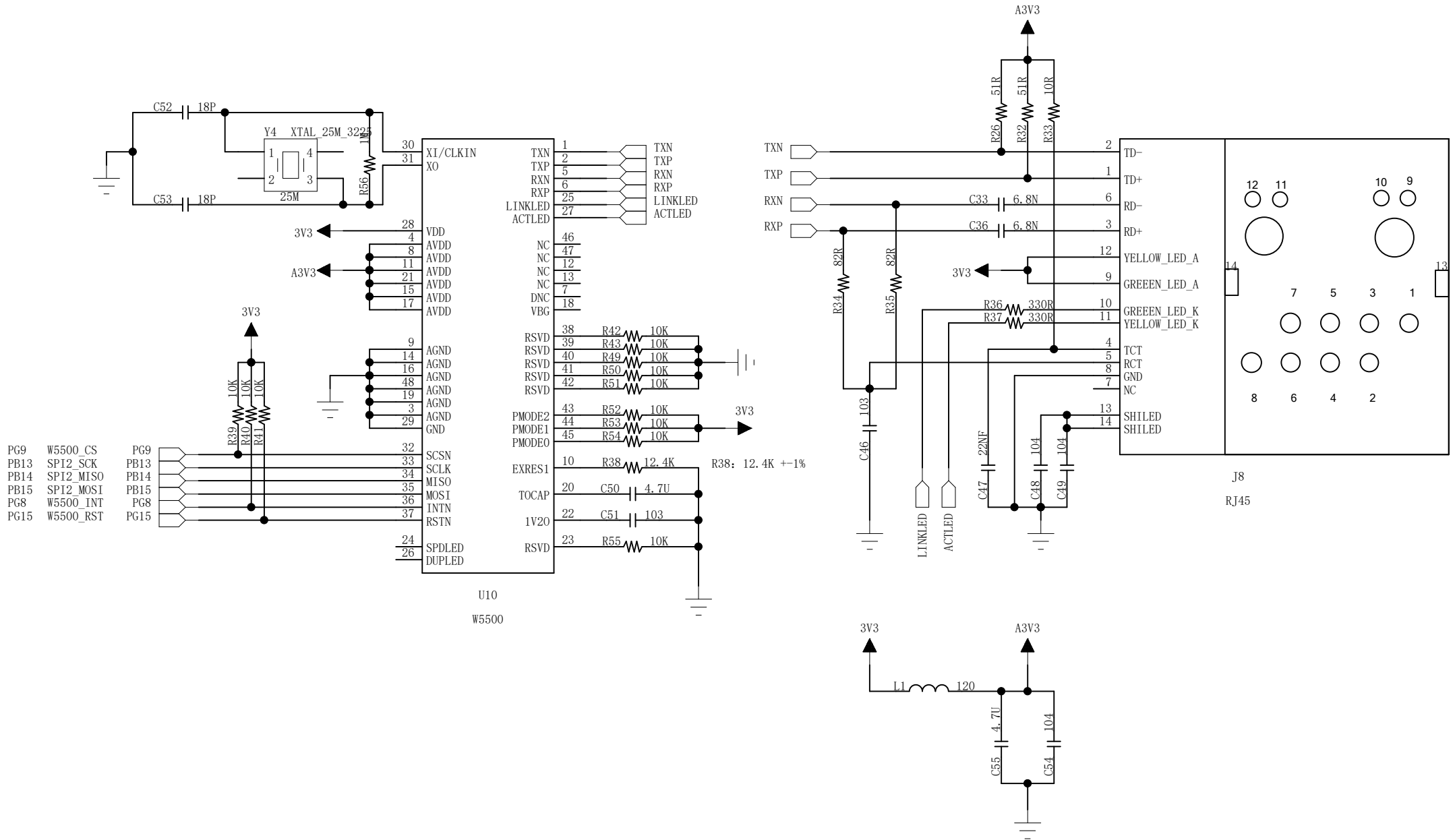




Audio VS1053硬解码方案



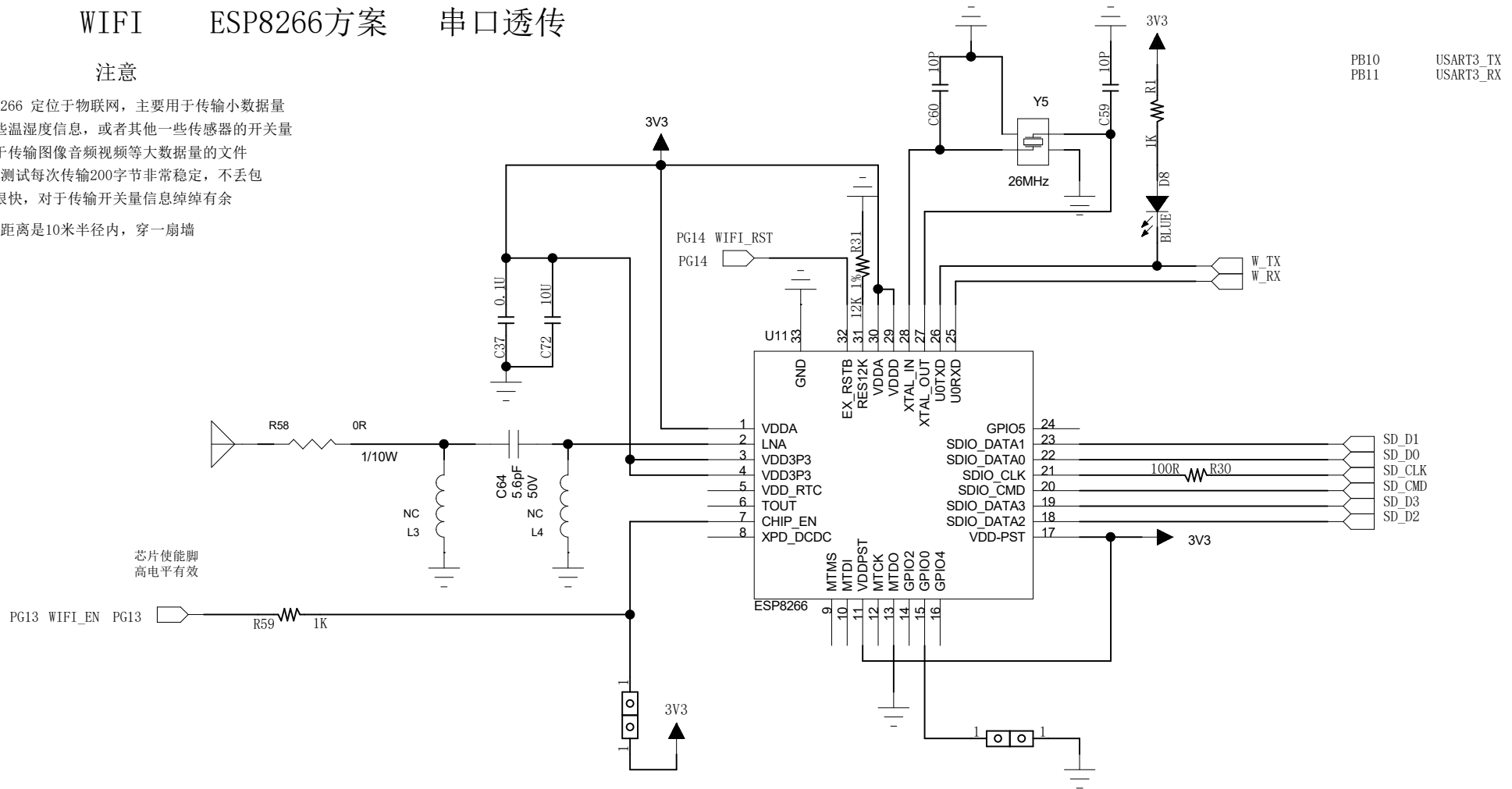
以太网 W5500方案 集成硬件TCP/IP协议栈



WIFI ESP8266方案 串口透传

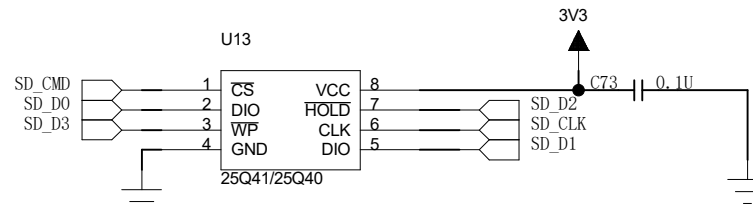
注意

- 1、ESP8266 定位于物联网，主要用于传输小数据量
比如一些温湿度信息，或者其他一些传感器的开关量
不能用于传输图像音频视频等大数据量的文件
- 2、我们测试每次传输200字节非常稳定，不丢包
速度也很快，对于传输开关量信息绰绰有余
- 3、测试距离是10米半径内，穿一扇墙

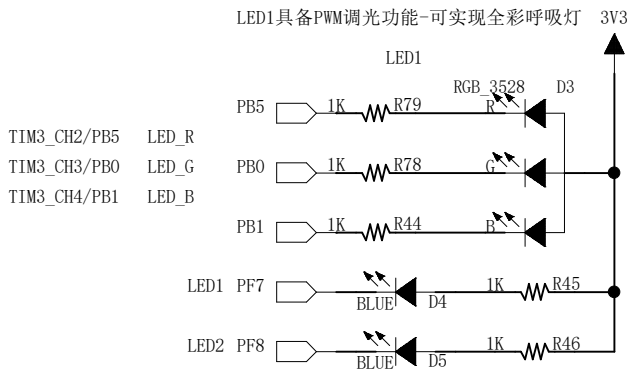


芯片使能脚
高电平有效

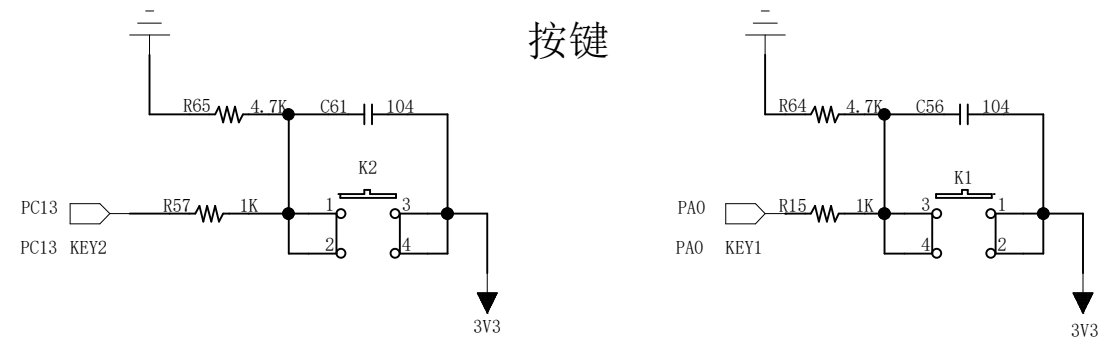
ESP8266 IO	STM32 IO	USART3 TX
URXD	PB10	USART3_TX
UTXD	PB11	USART3_RX
CH-PD	PG13	
RST	PG14	



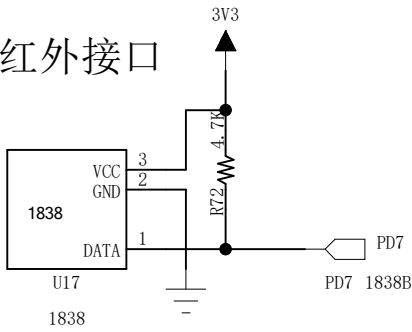
LED



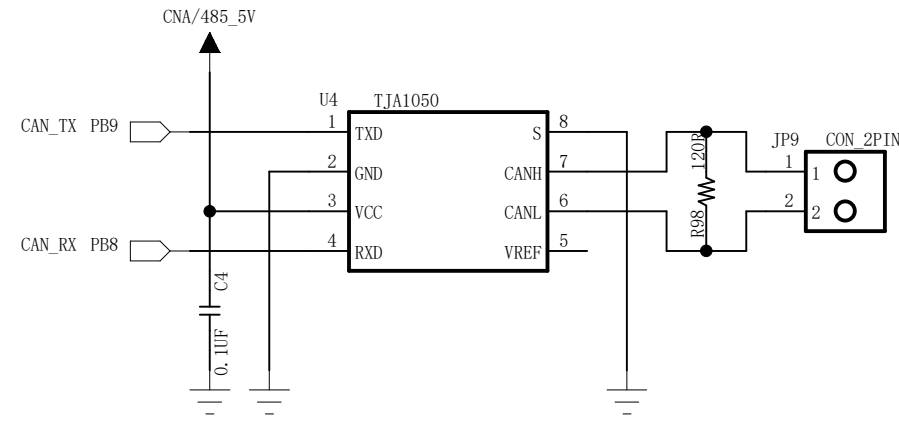
按键



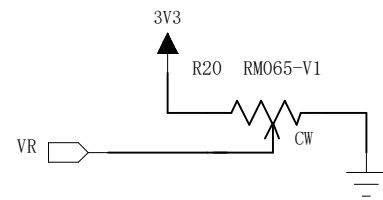
红外接口



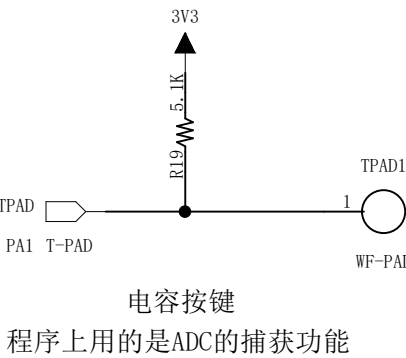
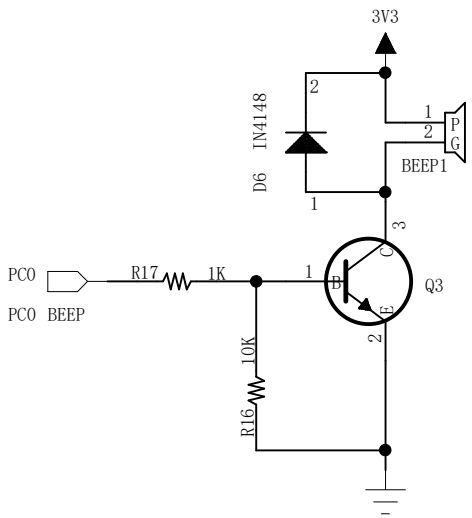
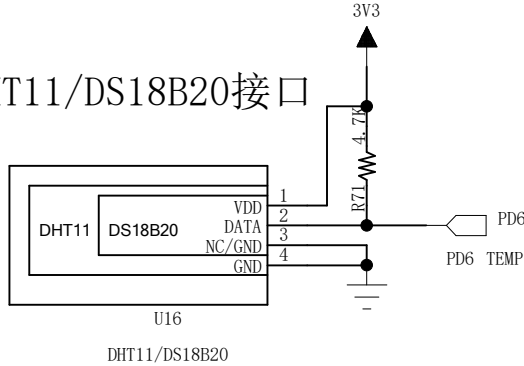
CAN



ADC/DAC



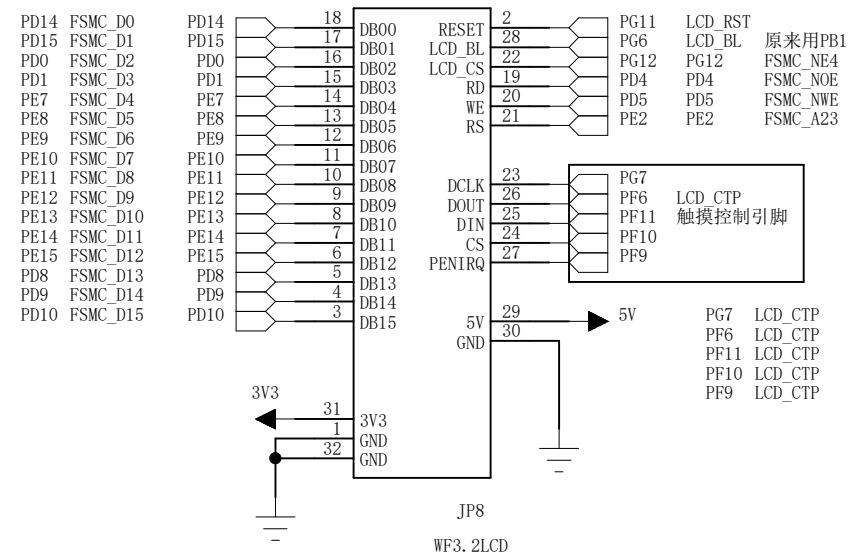
DHT11/DS18B20接口



电容按键

程序上用的是ADC的捕获功能

贴片滑动变阻器
J16跳帽接上，PC1接到电位器



六轴传感器

PB6

PB7

