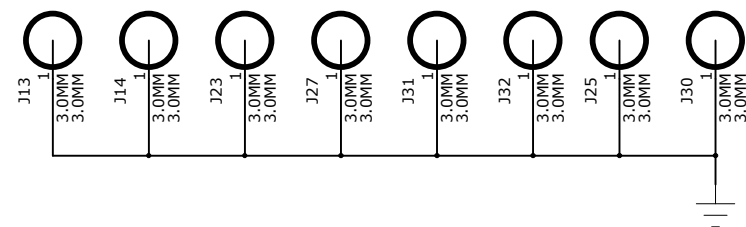
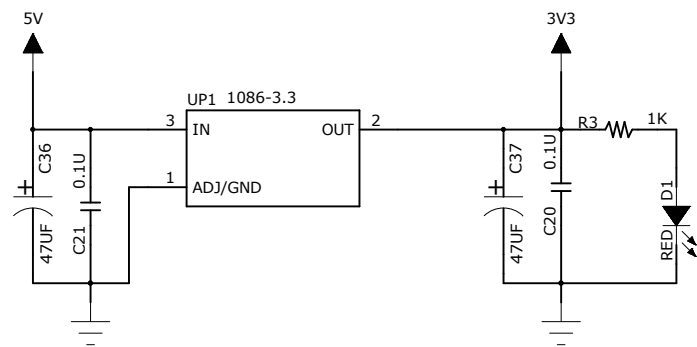
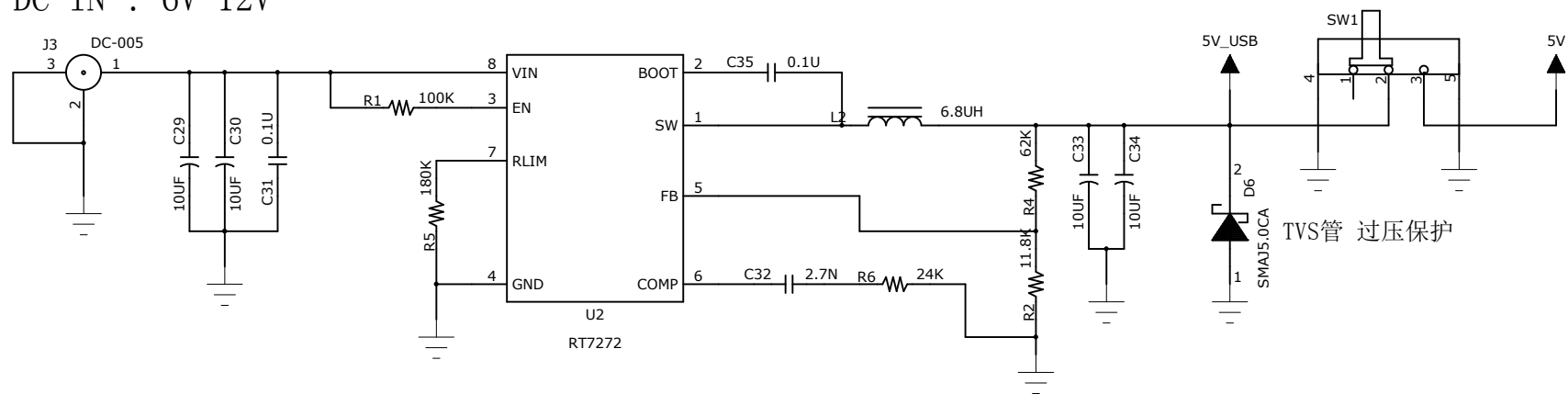
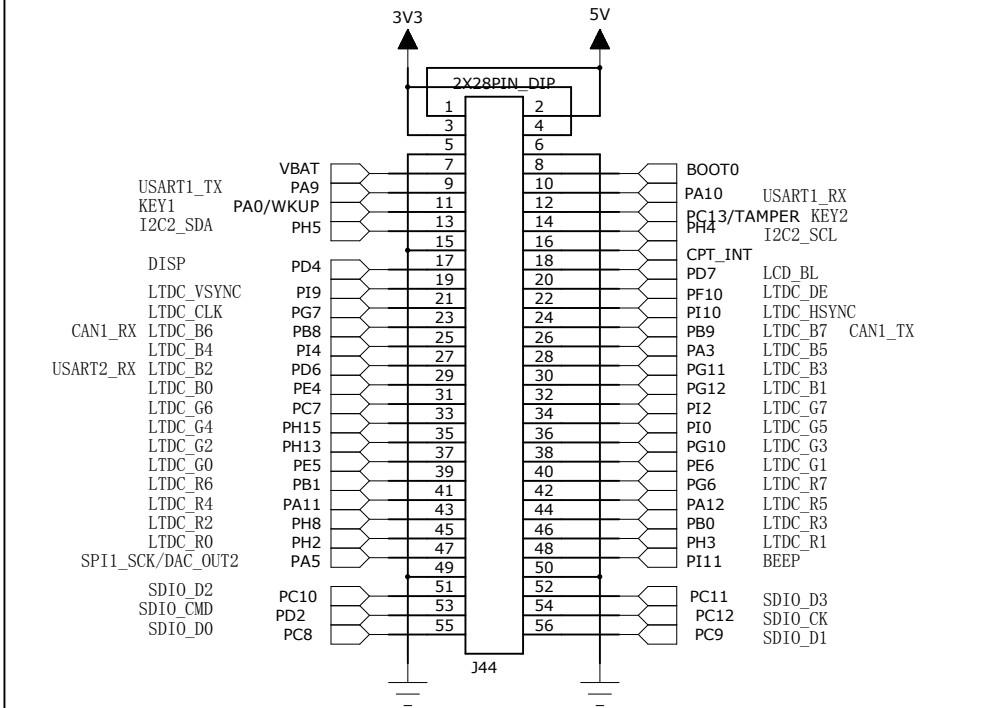
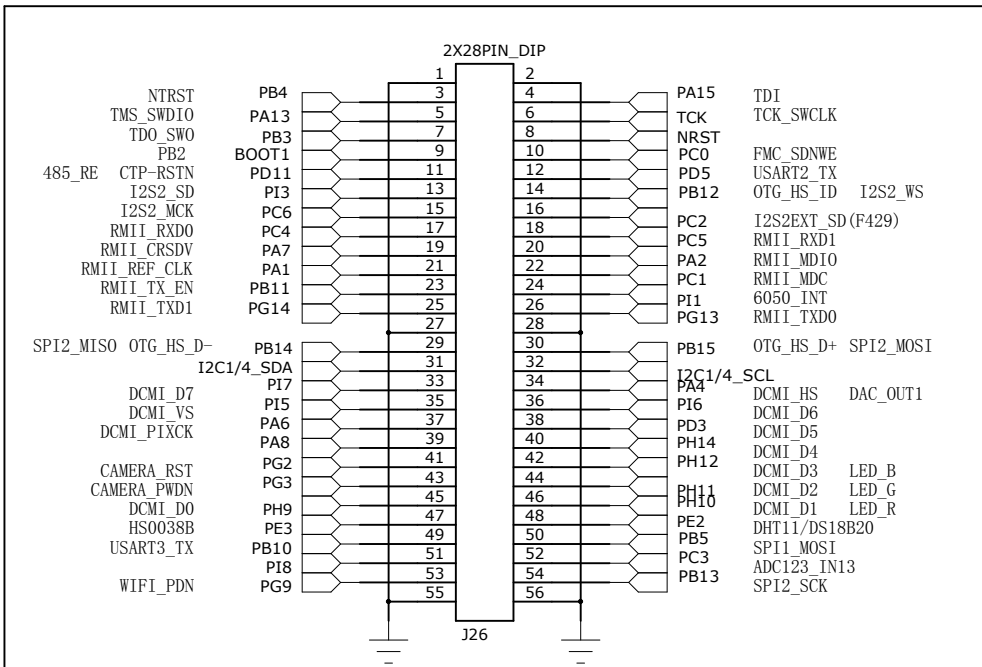


电源供电

DC DC + LDO 方案

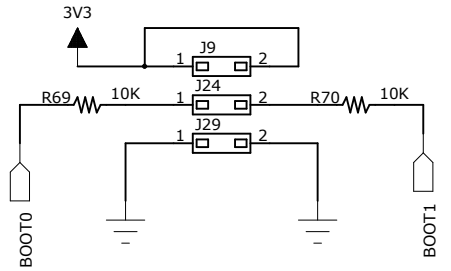
DC IN : 6V~12V



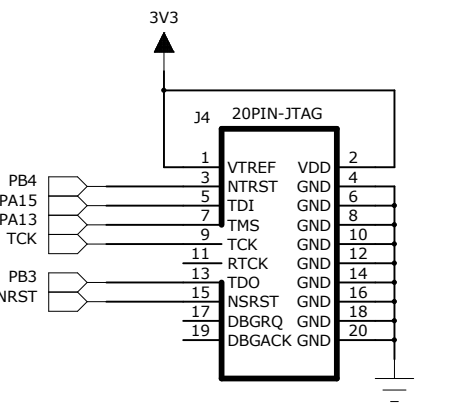


F429 BOOT设置		
BOOT0	BOOT1	启动方式
0	X	用户闪存
1	0	系统存储器/ISP
1	1	内嵌SRAM
默认配置是用户闪存（即内部Flash）		

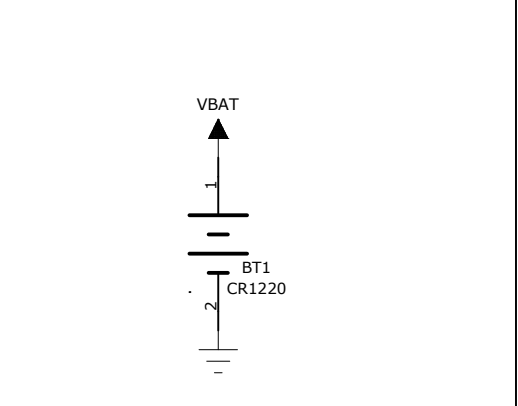
F7 BOOT设置		
BOOT0	自举地址选项字节	启动方式
0	BOOT_ADD0[15:0]	默认的自举地址: 0x0020 0000
1	BOOT_ADD1[15:0]	默认的自举地址: 0x0010 0000



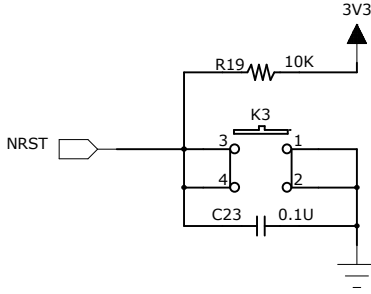
下载



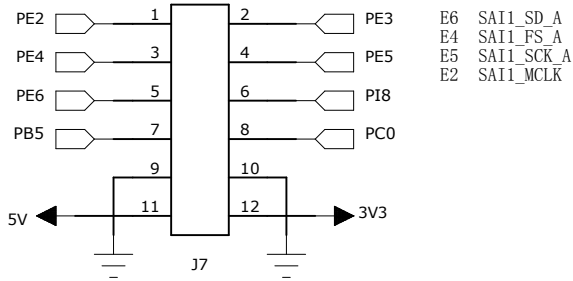
RTC_BAT



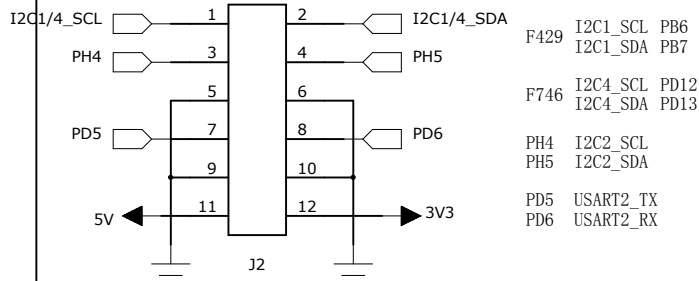
复位



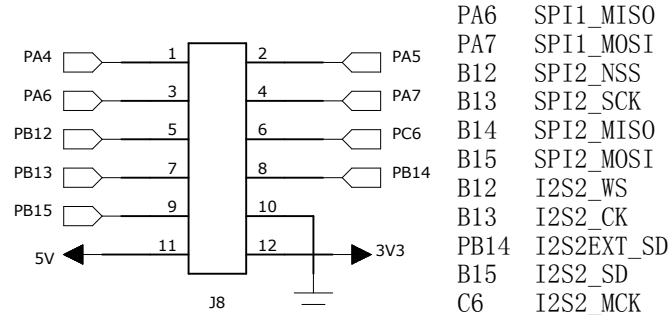
SAI 接口



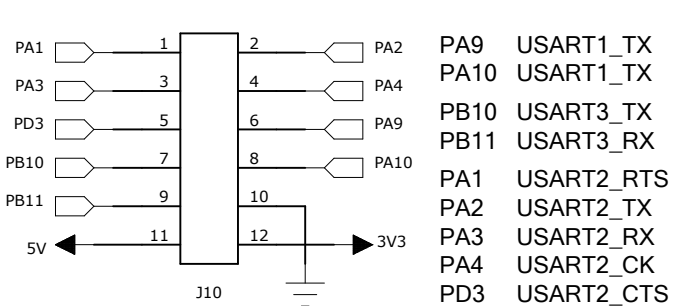
I2C1/2/3接口



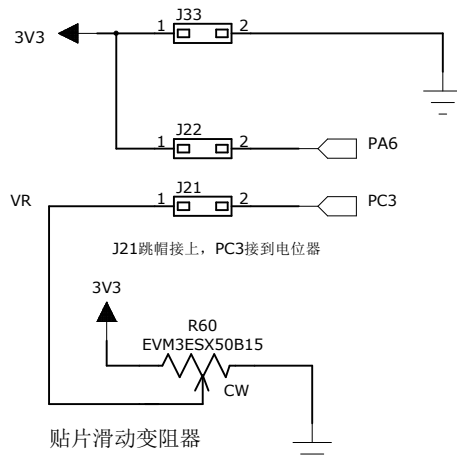
SPI1/2/I2S2接口



USART1/2/3接口

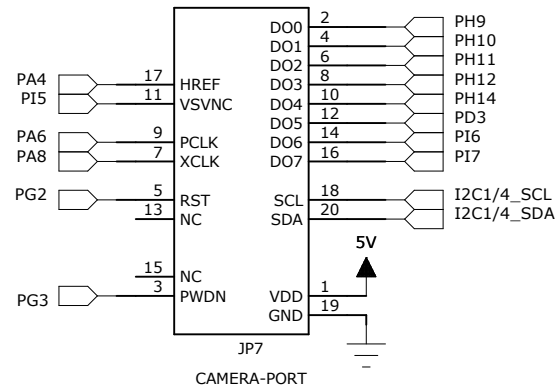


ADC接口

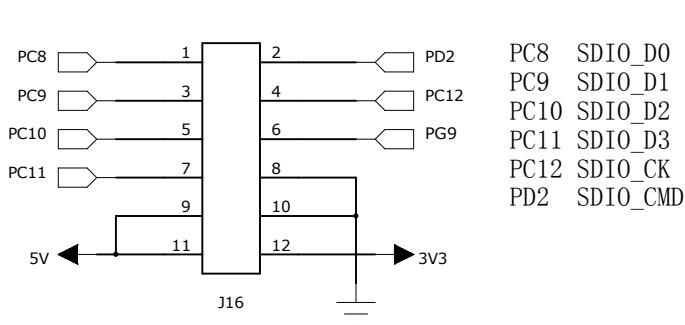


摄像头接口

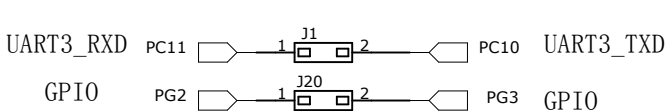
DCMI 接口



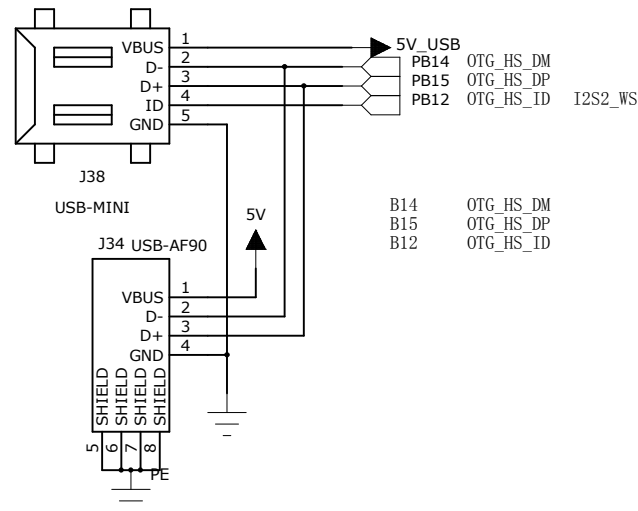
SDIO接口



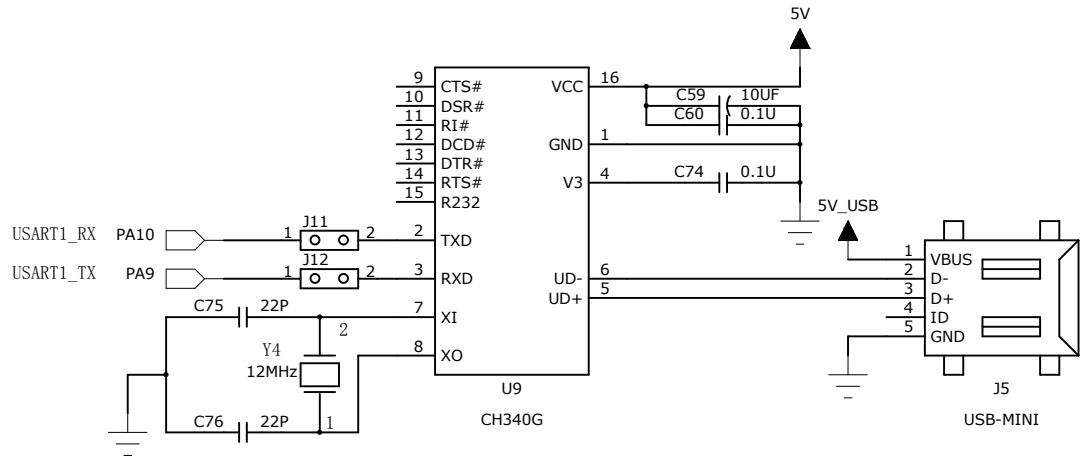
蓝牙模块接口



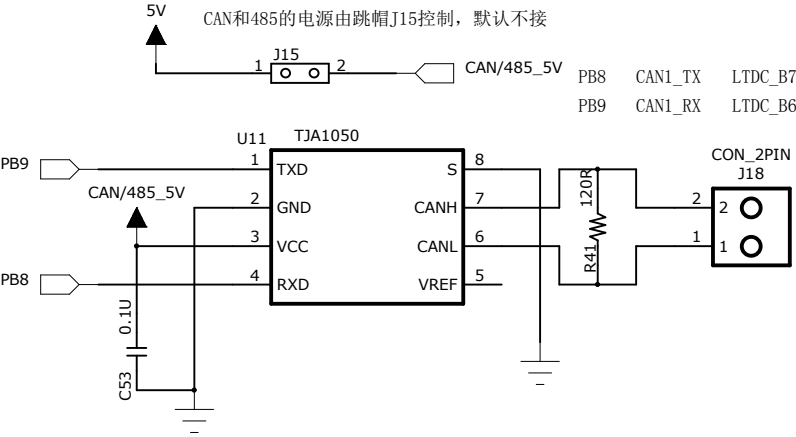
USB-OTG-HS



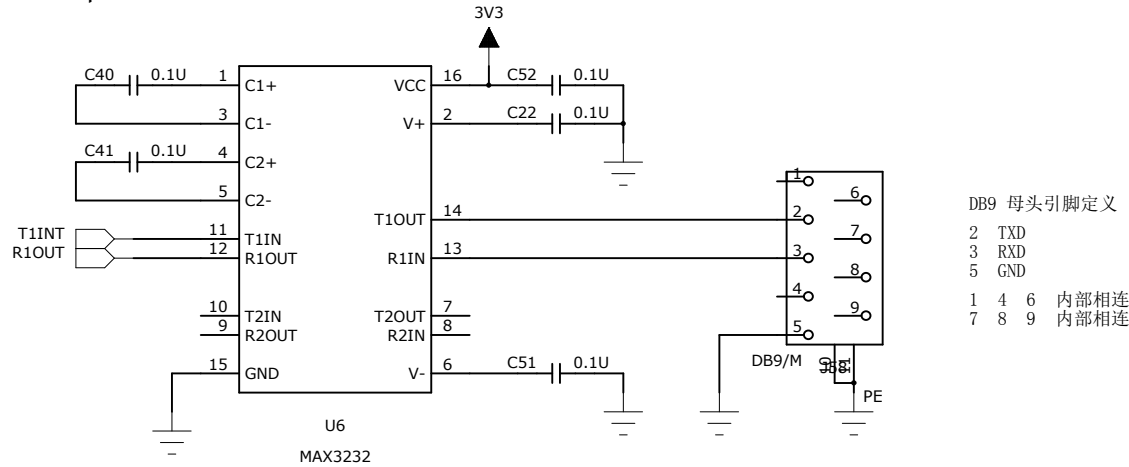
USB转串口



CAN

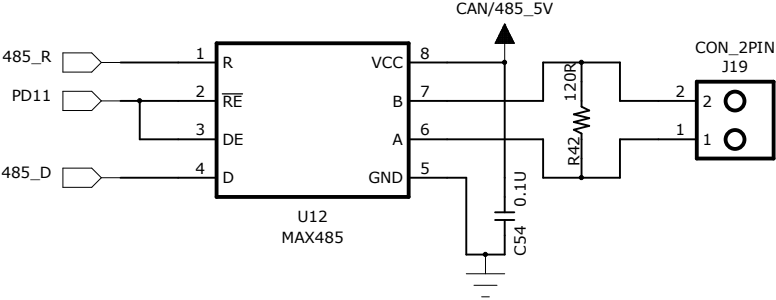


RS232串口

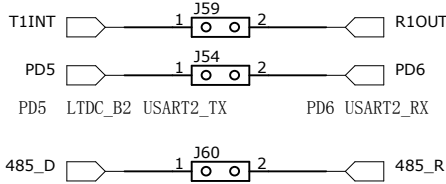


- DB9 母头引脚定义
- 2 TXD
 - 3 RXD
 - 5 GND
 - 1 4 6 内部相连
 - 7 8 9 内部相连

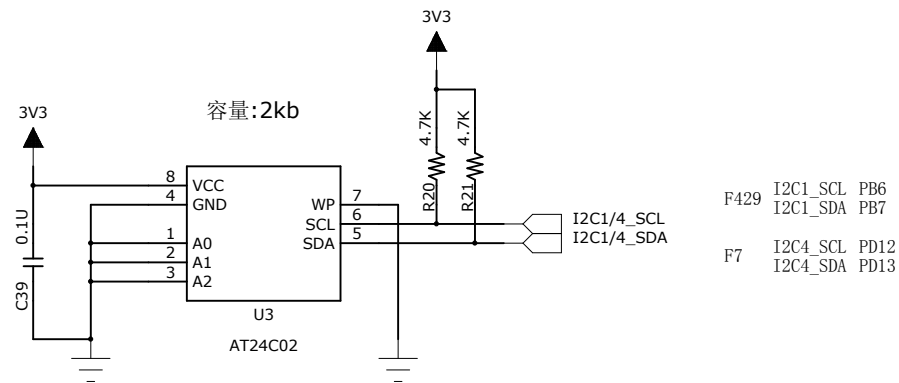
RS485



USART2通过跳帽选择连接到232或者485
235和485只能选其一不能同时使用

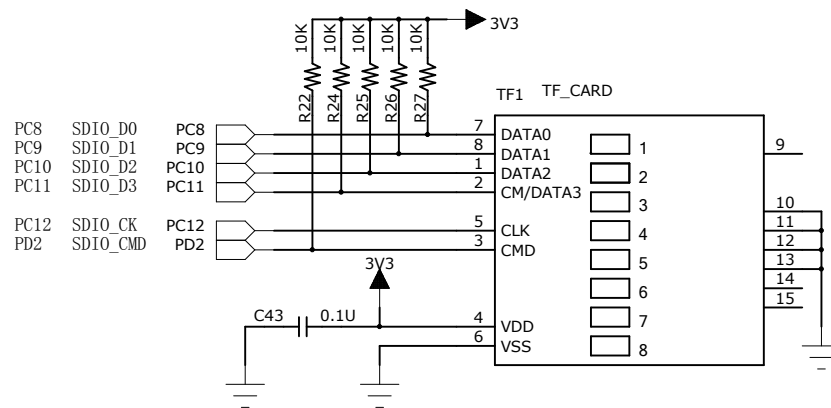


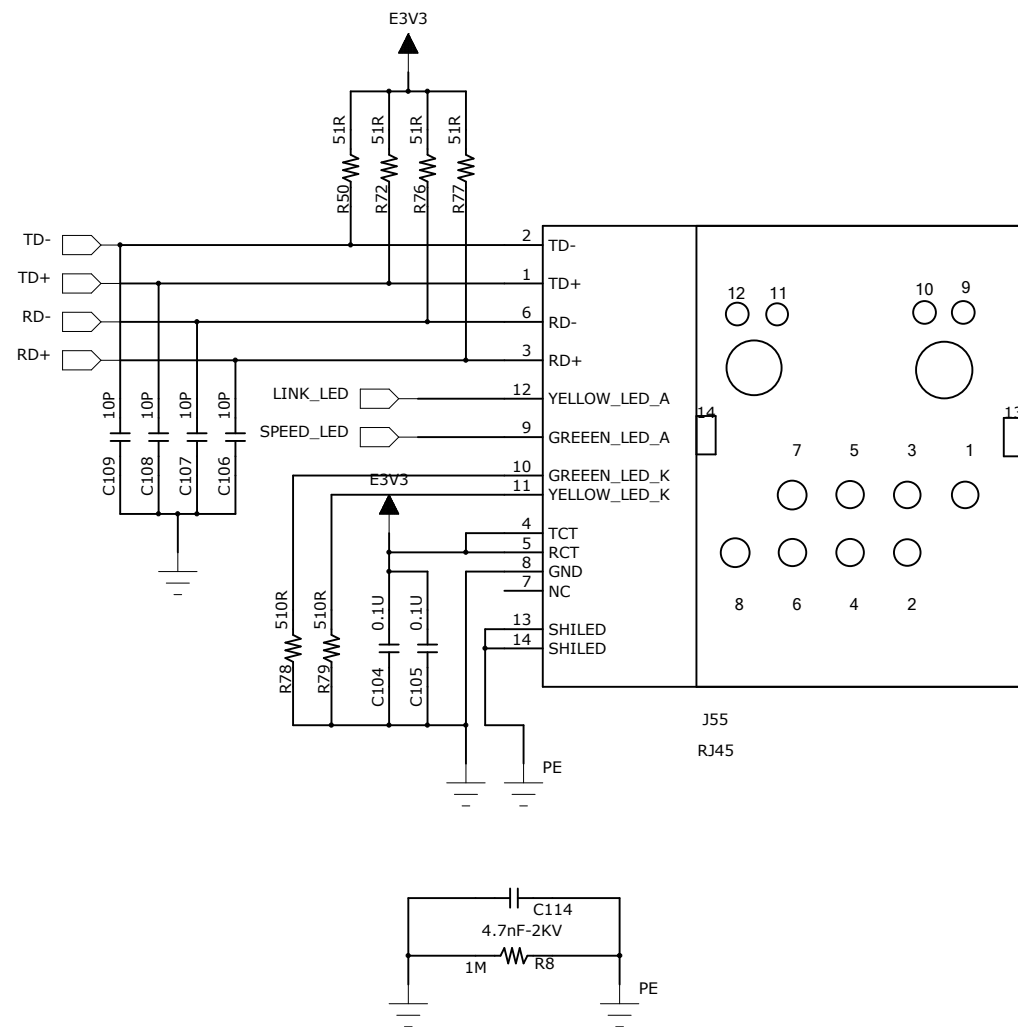
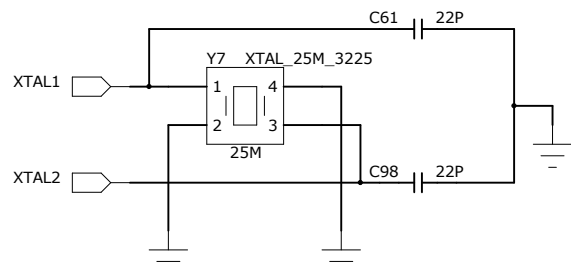
EEPROM



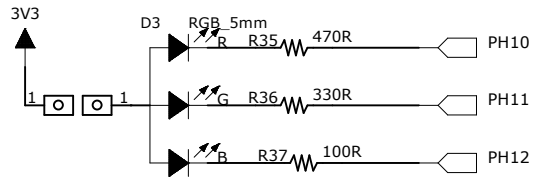
SD卡

容量:最大支持32GB外扩

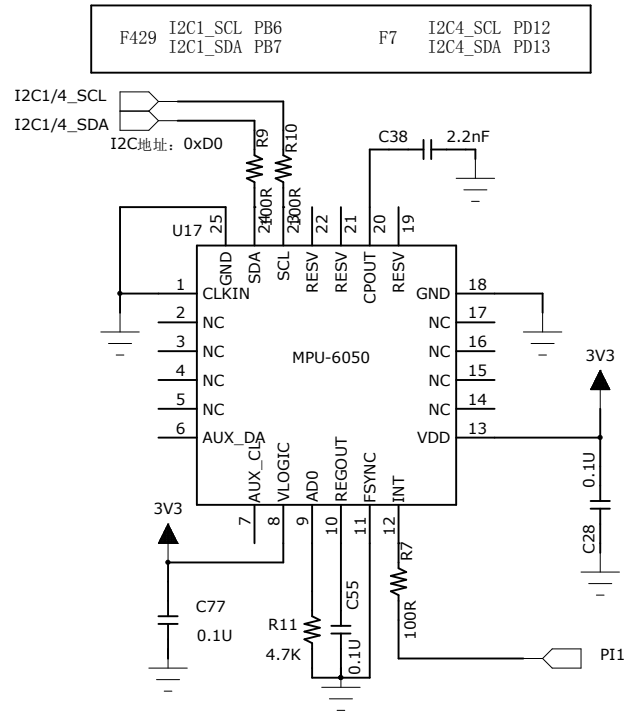




LED

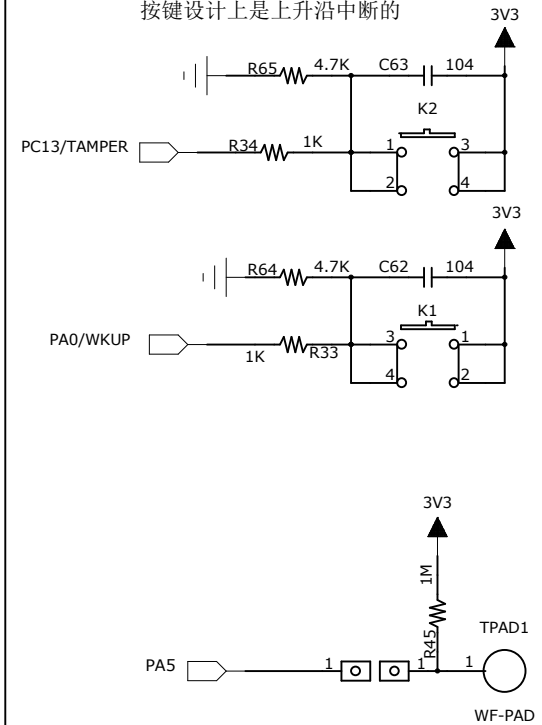


六轴传感器



KEY

按键设计上是上升沿中断的

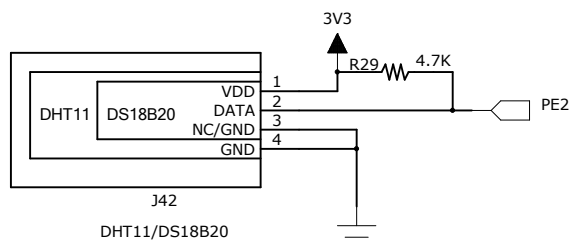


电容按键

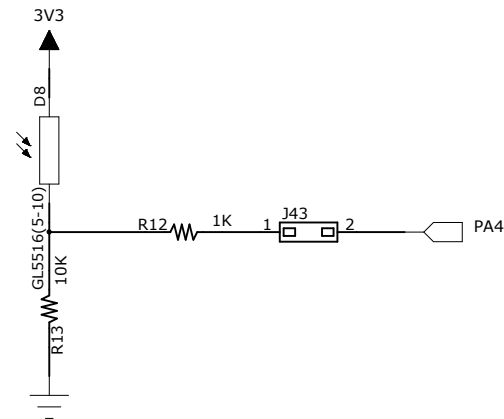
程序上用的是TIM的捕获功能

J17跳帽接上，接到触摸按键
J17跳帽不接，可以外接信号输入

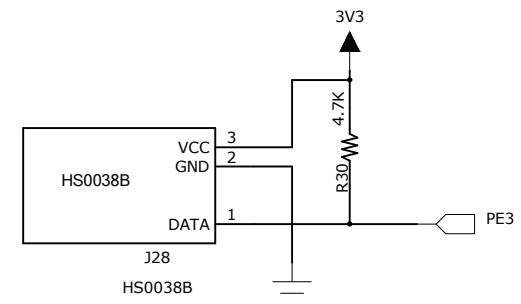
温湿度传感器接口



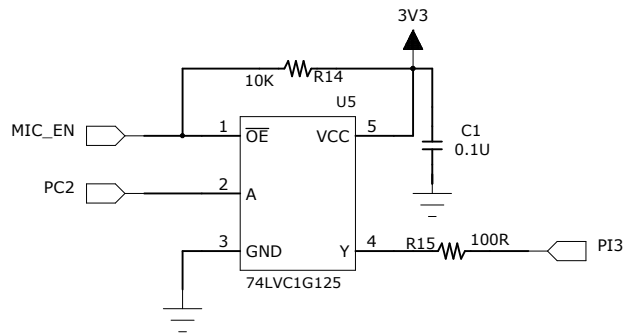
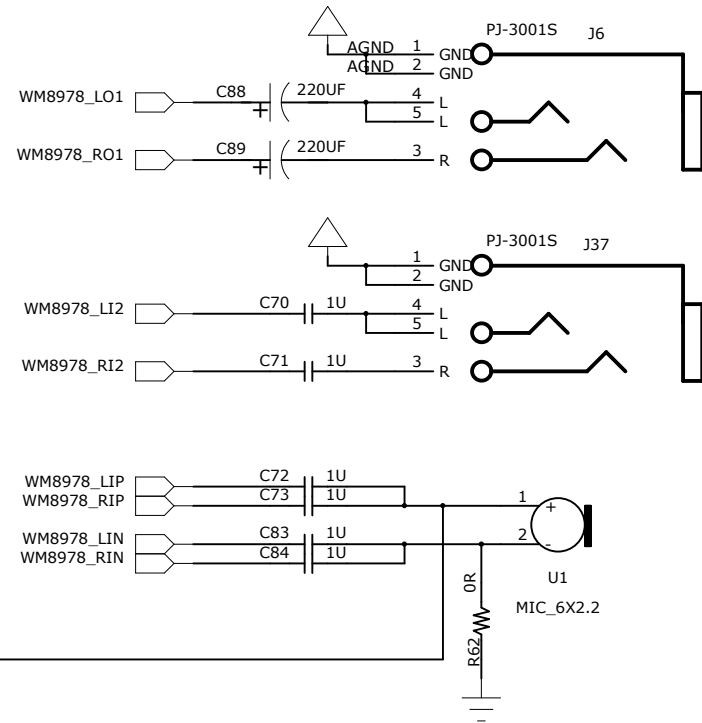
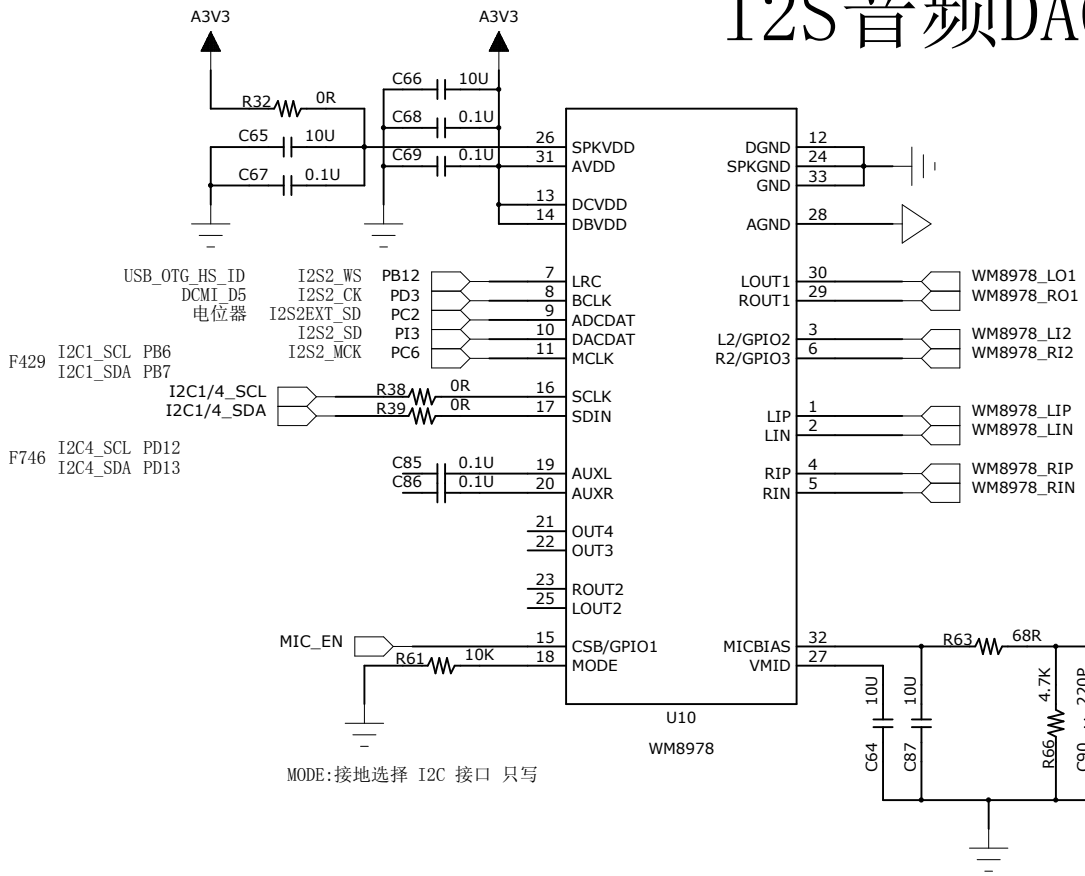
光照电阻



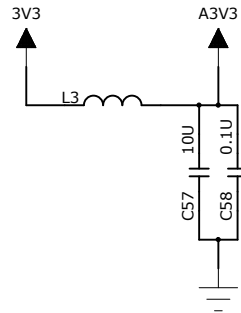
红外接收接口



I2S 音频DAC

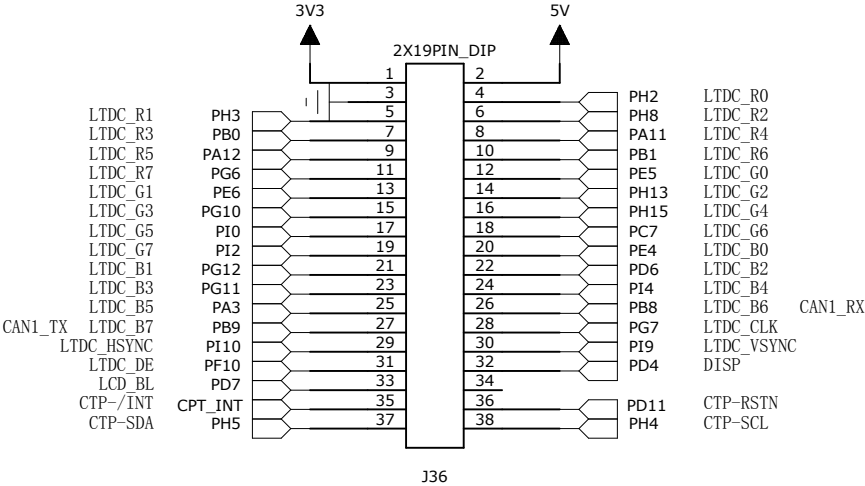


F746的I2S是半双工，模拟开关切换
MIC_EN为高定平放音
MIC_EN为低定平录音
F429的I2S是全双工，不需要切换



液晶接口-RGB888模式

标配5寸电容屏



WIFI模块

