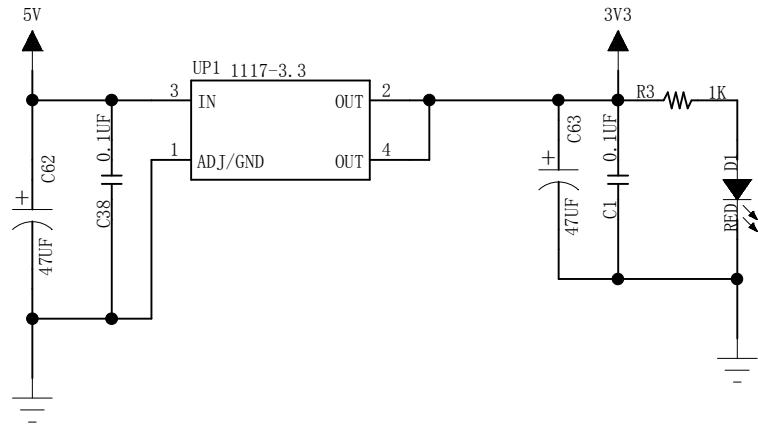
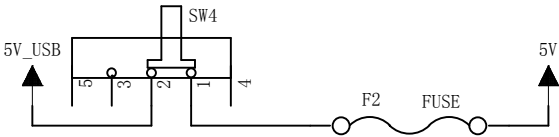
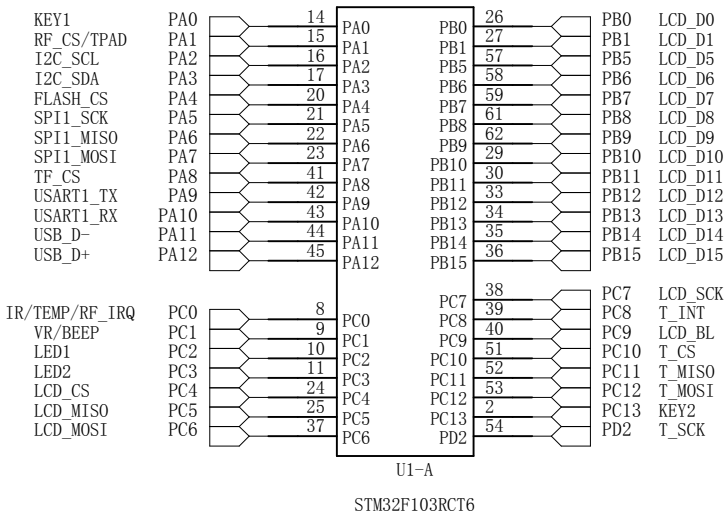


电源供电



3V3输出

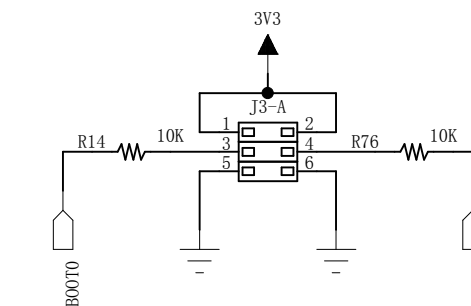
MCU



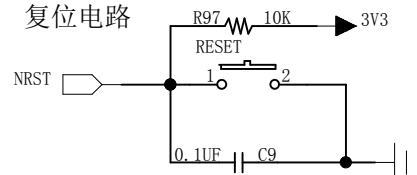
BOOT设置

BOOT0	BOOT1	启动方式
0	X	内部FLASH
1	0	系统存储器/ISP模式
1	1	内部SRAM

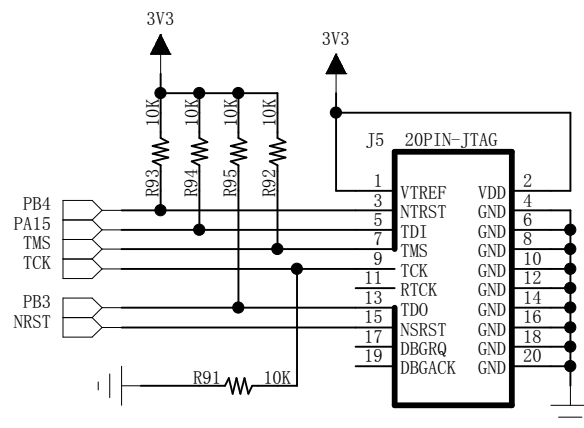
默认配置是内部FLASH，BOOT0&1接地



复位电路



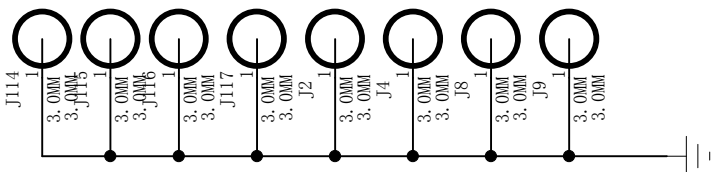
JTAG下载接口



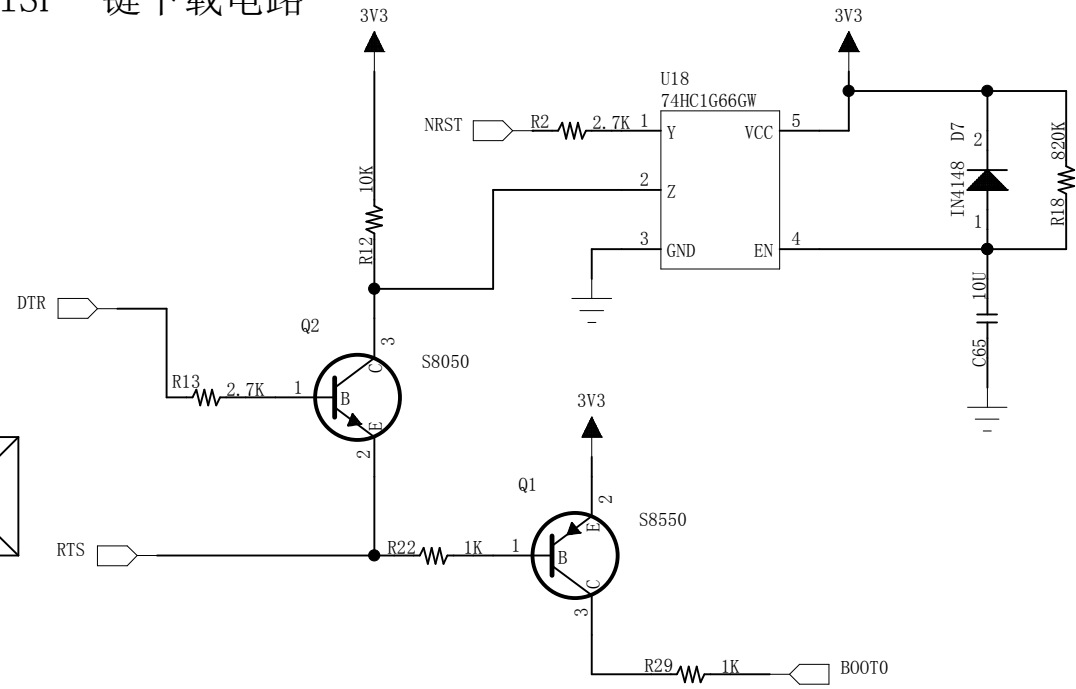
晶振电路



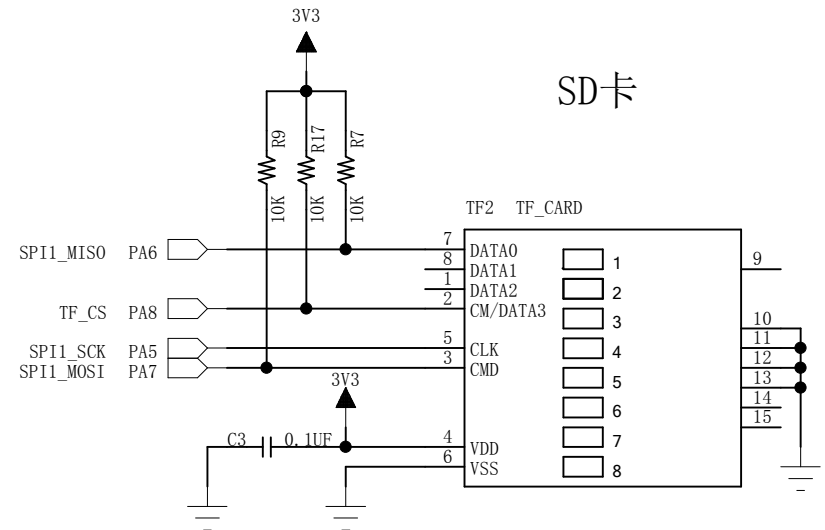
3mm 螺丝孔



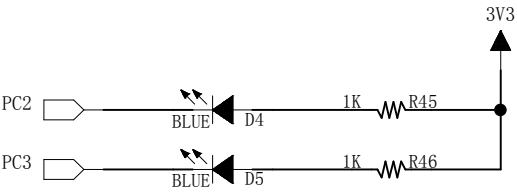
ISP一键下载电路



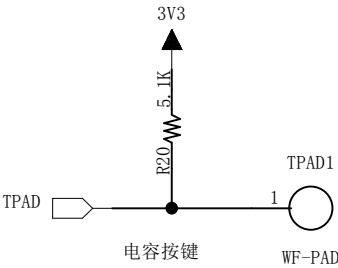
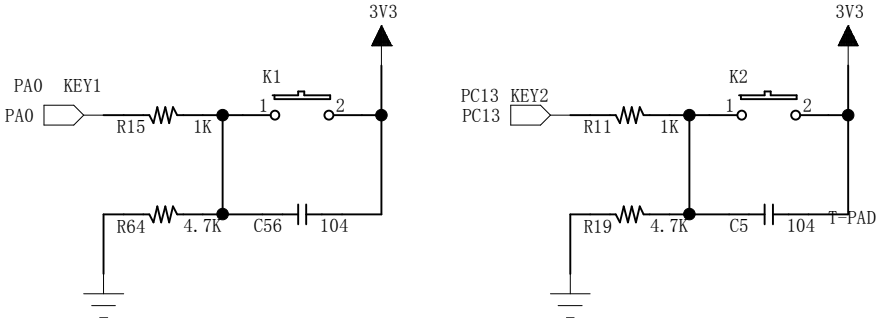
SD卡



LED

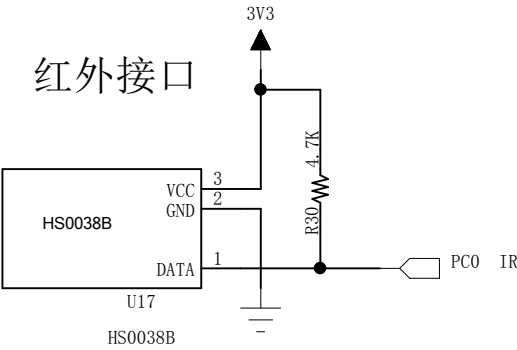


按键

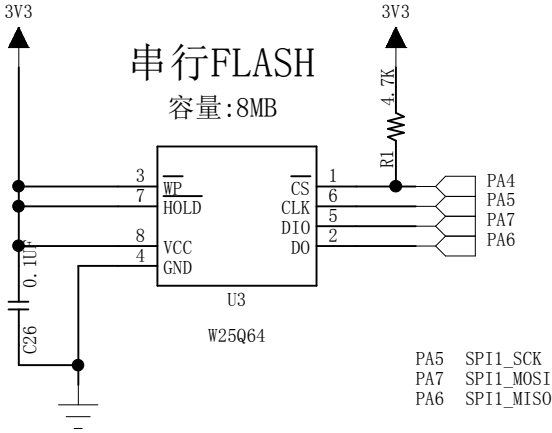


J7的29-30跳帽接上，PA1接到触摸按键

红外接口

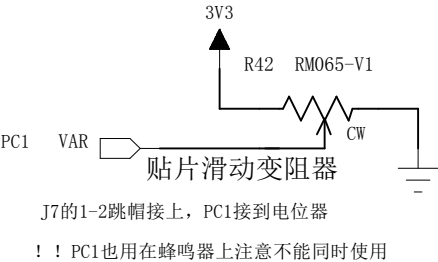


串行FLASH
容量:8MB



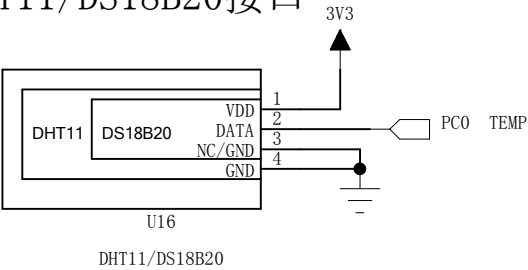
PA5 SPI1_SCK
PA7 SPI1_MOSI
PA6 SPI1_MISO

贴片滑动变阻器

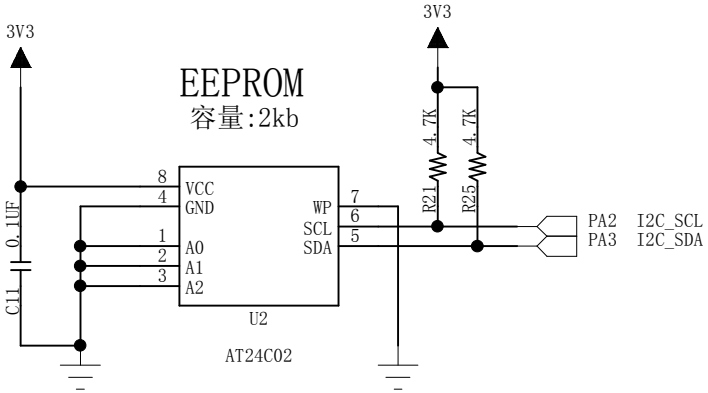


！！PC1也用在蜂鸣器上注意不能同时使用

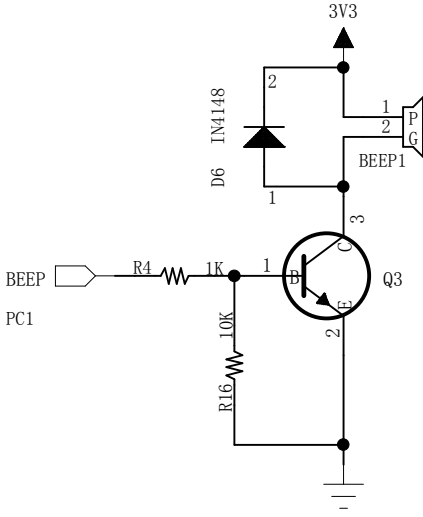
DHT11/DS18B20接口



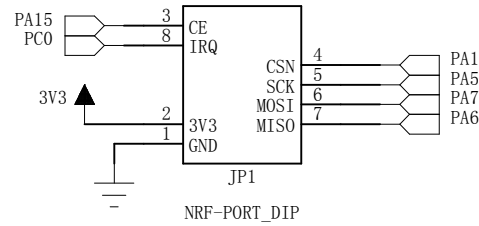
EEPROM
容量:2kb



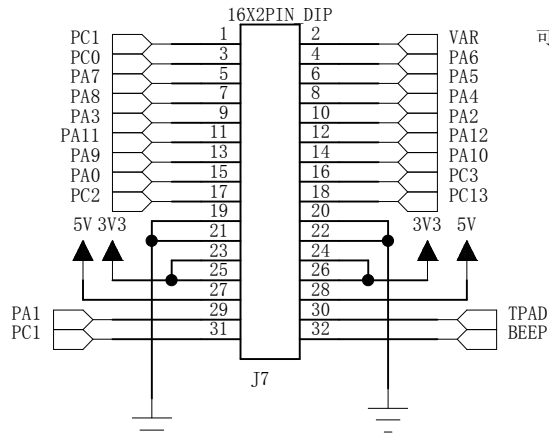
J7的31-32跳帽接上，PC1接到蜂鸣器
！！PC1也用在滑动变阻器上注意不能同时使用



NRF24L01接口



引出IO口及跳帽

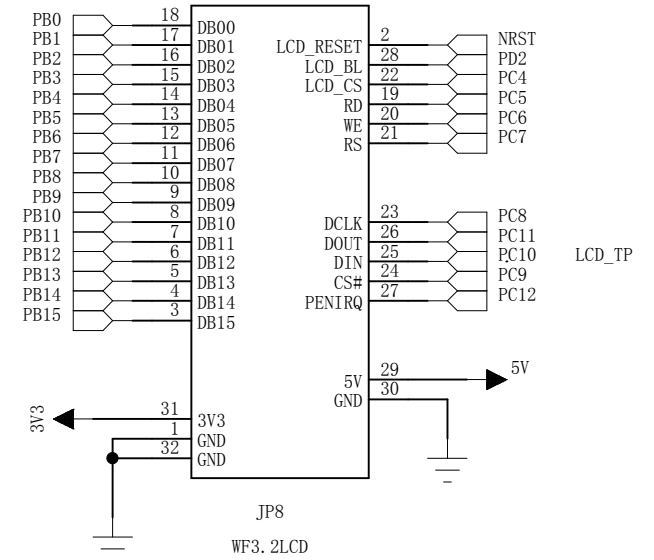


可调电阻跳帽

触摸按键跳帽
蜂鸣器跳帽

液晶接口

支持2.8寸/3.2寸液晶



液晶扩展排针

