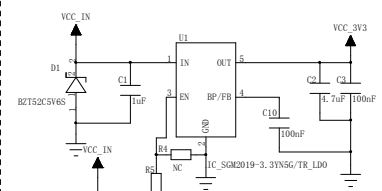
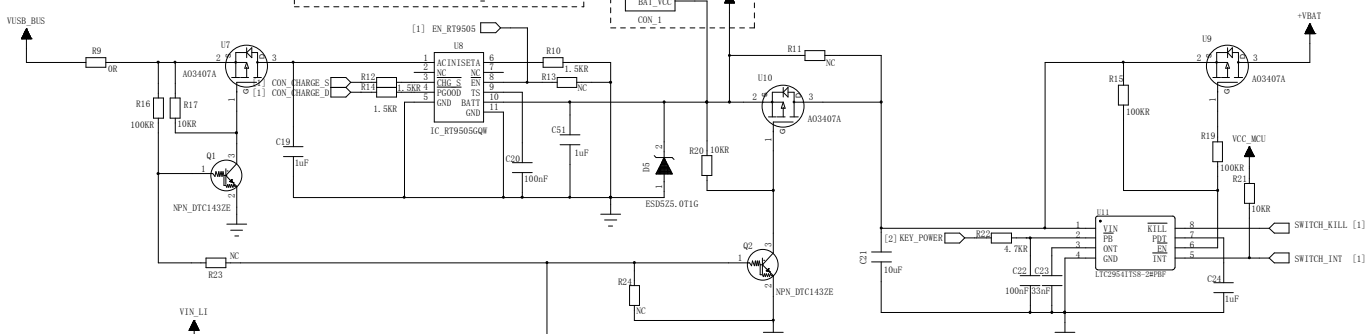
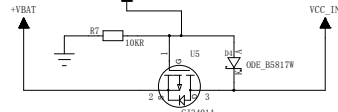


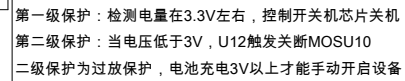
LDO 3.3V



锂电池_USB切换



电路功能状态



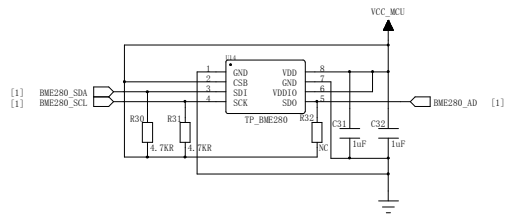
有线模式：
插入USB，电路自动切换为USB供电，不需要开关机操作

无线模式：
拔掉USB，电路切换为锂电池供电，单片机实时监测电池电量
电量大于3.3V，拔掉后正常开机、使用
电量介于3.1-3.3V，提示用户充电，倒计时1分钟自动关机
电量低于3.1V，显示器提示感吸号、关机

D

measurement Current(max) : 714uA
Sleep Curren : 0.1uA

温、湿度、压强传感器电路

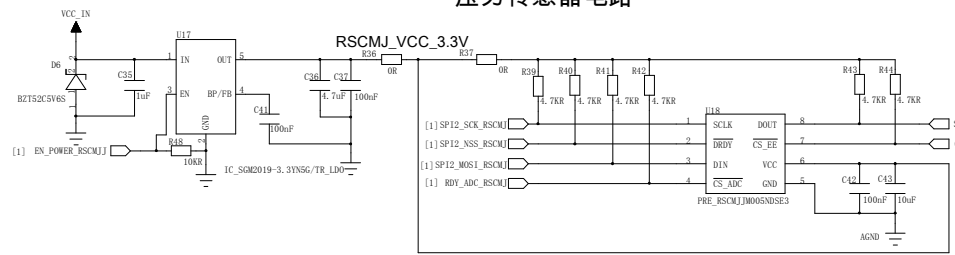


硬件SCL1/SDA1 ; 软件、硬件IIC驱动均可

C

Activet Current(3.3V) : 1.7mA

压力传感器电路

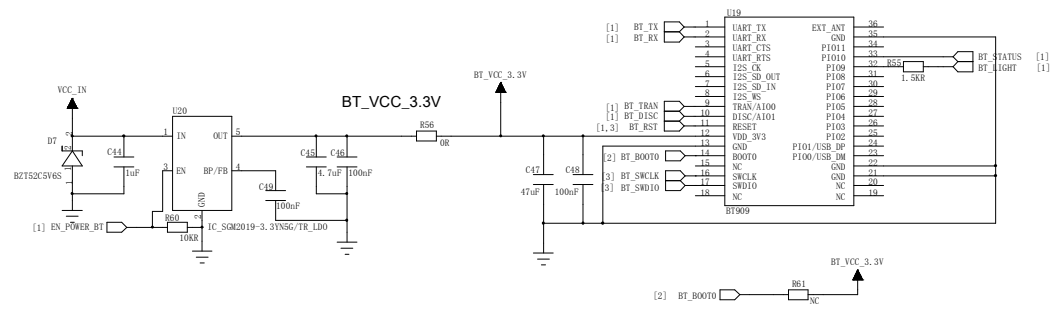


传输接口 : SPI2
EN_POWER_RSCMJ : High Active

B

Maximumt Current(send 2441MHZ signal) : 225mA

蓝牙驱动电路

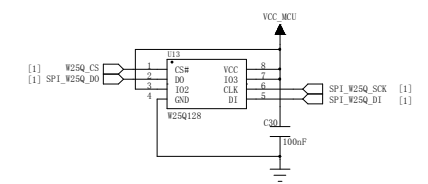


传输接口 : USART3_TX/RX
EN_POWER_BT : High Active
蓝牙指示灯输出接MCU读取状态

A

R/W Max Current: 25mA

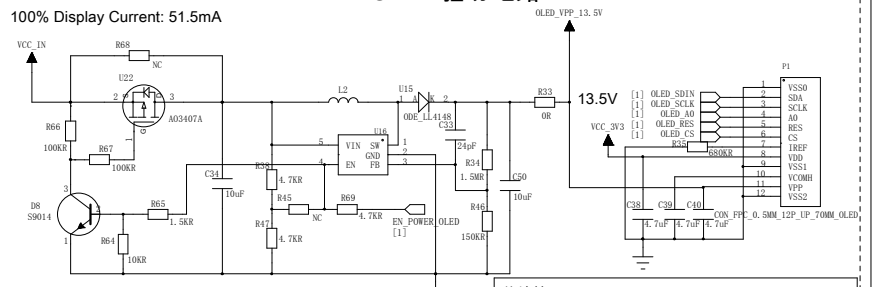
存储器电路



传输接口 : SPI3

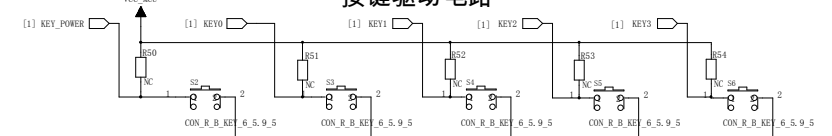
30% Display Current: 16mA
50% Display Current: 26.4mA
100% Display Current: 51.5mA

OLED驱动电路



传输接口 : SPI1
EN_POWER_OLED : High Active

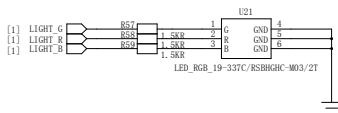
按键驱动电路



KEY_POWER : 开关机
KEY0 : 上_EXTI5
KEY1 : 下_EXTI4
KEY2 : 确认_EXTI3
KEY3 : 返回_EXTI2

Forward Current : 25mA

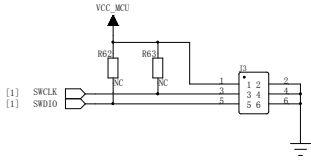
RGB电路



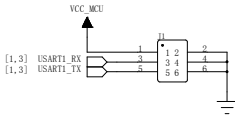
R : TIM1_CH3
G : TIM1_CH2
B : TIM1_CH1
充电、放电、测量、蓝牙等状态

JDSW				
DRAWN:	DATED:	TITLE:	PROJECT	
		SENSOR_BT	Handhold	
CHECKED:	DATED:	SIZE:	REV:	SHEET: 2 OF 3
		A2	V2.1	

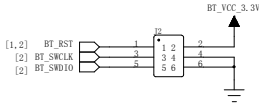
ST-LINK下载口电路



串口调试电路



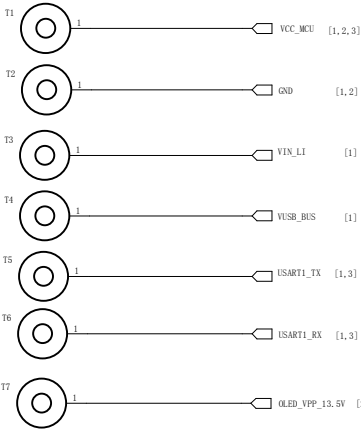
蓝牙调试电路



加热片电路

待定（下一版考虑）

测试点



JDSW				
DRAWN:	DATED:	TITLE:	CON	PROJECT
CHECKED:	DATED:	SIZE:	REV:	Handhold
		A2	V2.1	SHEET: 3 of 3