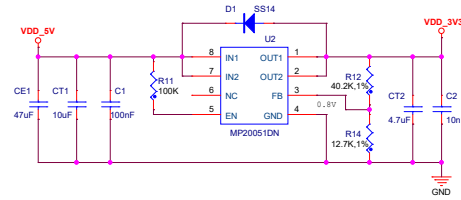
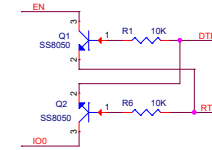


USB 5V供电 给锂电池充并关闭锂电池转3V3
锂电池供电 MOS导通 转3V3供单片机

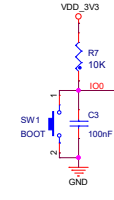


低压差线性电源

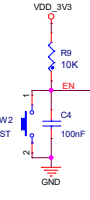


DTR	RTS	RST	IO0
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0

BOOT



RESET



R-PROG = 1100 / 4.7K = 234mA

温度管理：当TEMP监测电压>0.8VCC或<0.45VCC时充电终止

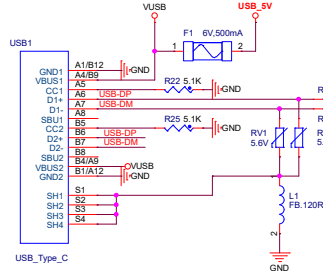
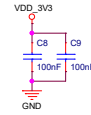
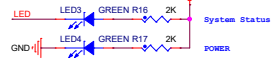
25℃ NTC=10K VT=5V*10K/ (10K+4.7K)=3.4V

< (5V * 0.8 = 4V)

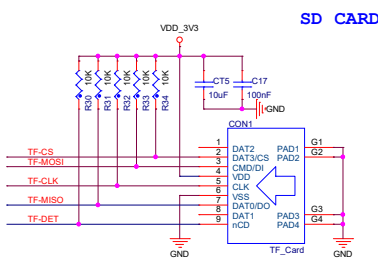
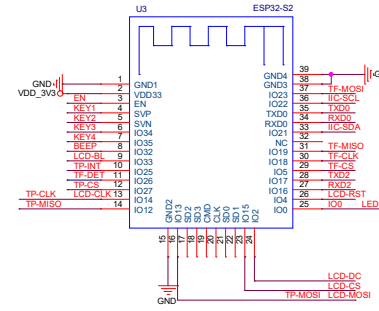
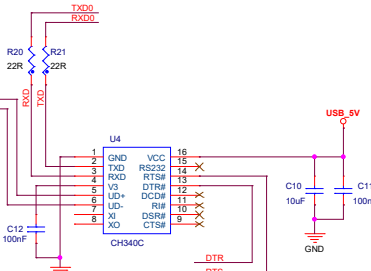
NTC=R VT=5V*R/ (R+4.7K) = (5V*0.45=2.25V)

NTC B=3950 T=50℃

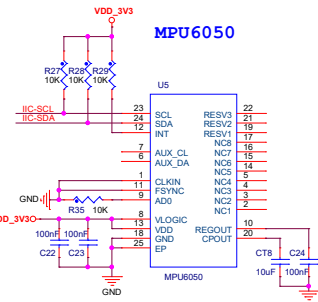
System



USB Type-C接口

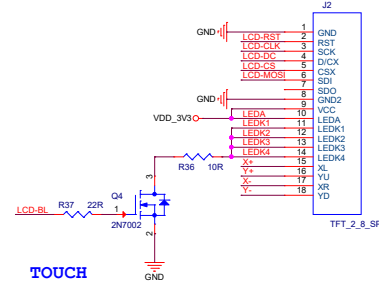


SD CARD

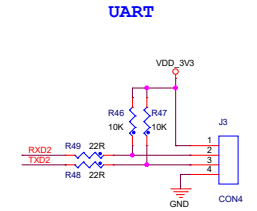


MPU6050

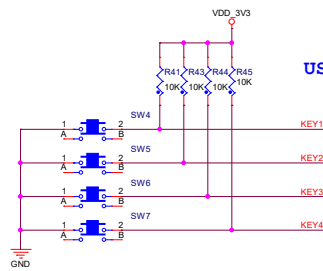
DISPLAY



TOUCH



UART



USER KEY

