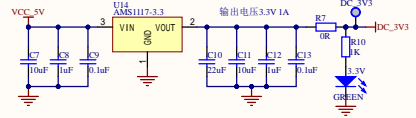
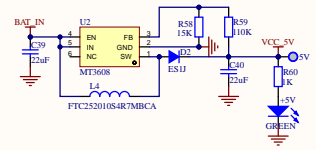
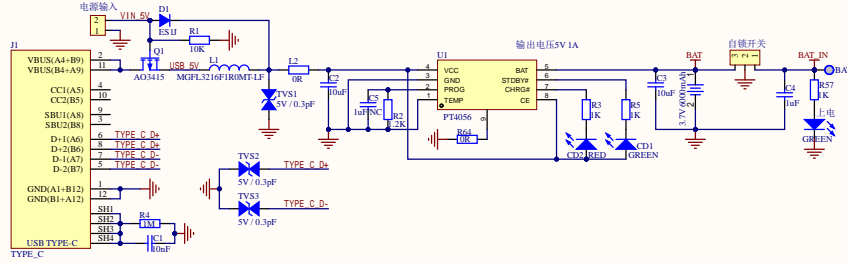
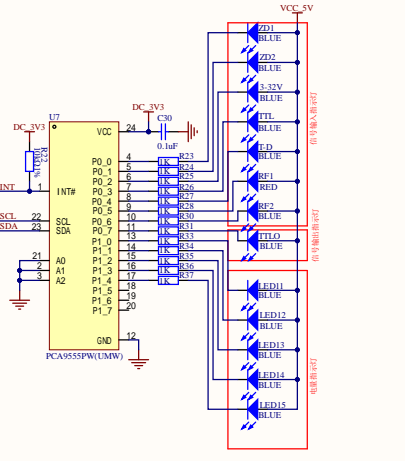
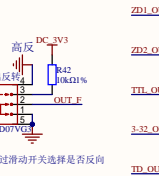
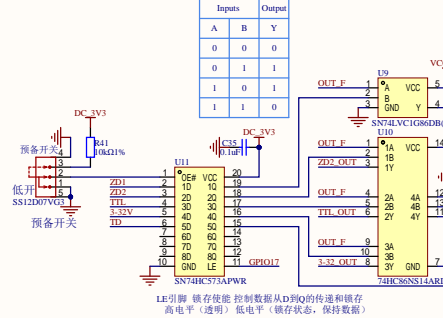
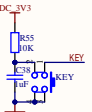
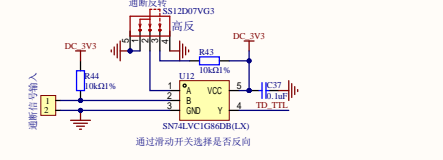
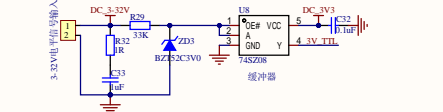
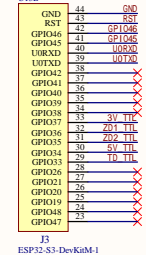
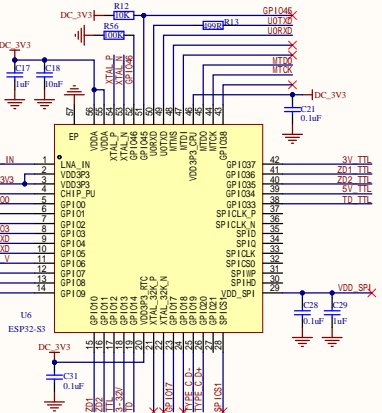
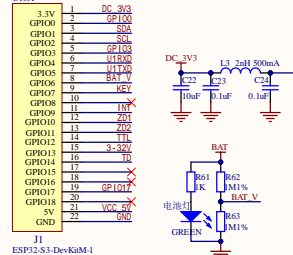
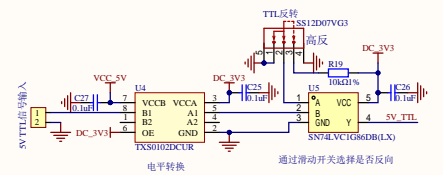
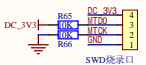
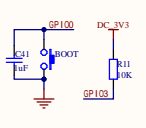
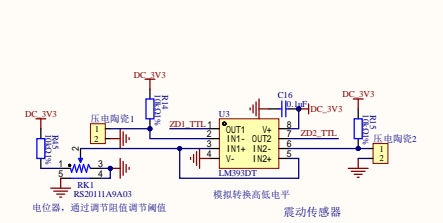


+5V INPUT



修改点	2025.12.13	ESP32-S3 V0.4 → ESP32-S3 V0.5
1	增加一路轻触开关输入	
2	增加开发板接口	
3	增加烧录方式	
4	修改电源电路	

GPIO	网络定义	功能
GPIO1	SDA	I2C数据引脚-控制指示灯
GPIO2	SCL	I2C时钟引脚-控制指示灯
GPIO9	INT	中断-控制指示灯
GPIO6	BAT_V	电池电压采样引脚
GPIO7	KEY	轻触开关输入, 按下时 所有输出进行一次拉高
GPIO10	ZD1	震动1信号输出引脚
GPIO11	ZD2	震动2信号输出引脚
GPIO12	TTL	TTL信号输出引脚
GPIO13	3-32V	3-32V信号输出引脚
GPIO4	TD	通断信号输出引脚
GPIO17	GPIO17	锁存使能, 高电平(透明), 低电平(锁存状态, 保持数据)
GPIO33	TD_TTL	通断信号输入引脚
GPIO34	5V_TTL	TTL信号输入引脚
GPIO35	ZD2_TTL	震动2信号输入引脚
GPIO36	ZD1_TTL	震动1信号输入引脚
GPIO37	3V_TTL	3-32V信号输入引脚



Inputs	Output
A B Y	
0 0 0	0
0 0 1	1
0 1 1	1
1 0 1	1
1 1 0	1

LE引脚 锁存使能 控制数据从D到Q的传递和锁存
高电平(透明) 低电平(锁存状态, 保持数据)