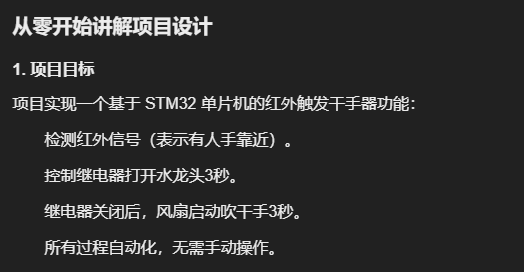
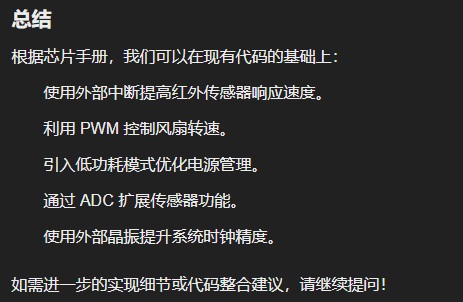
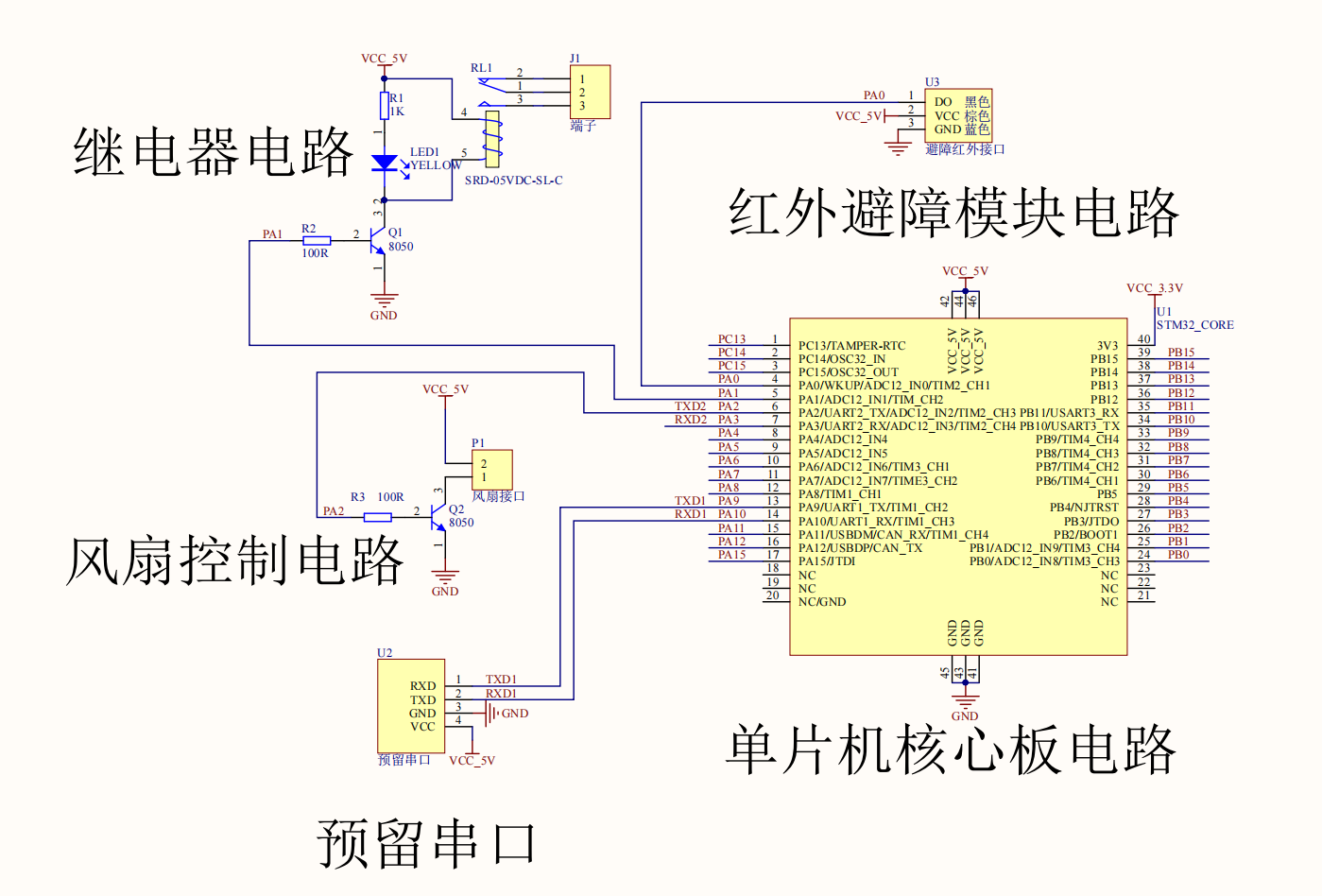
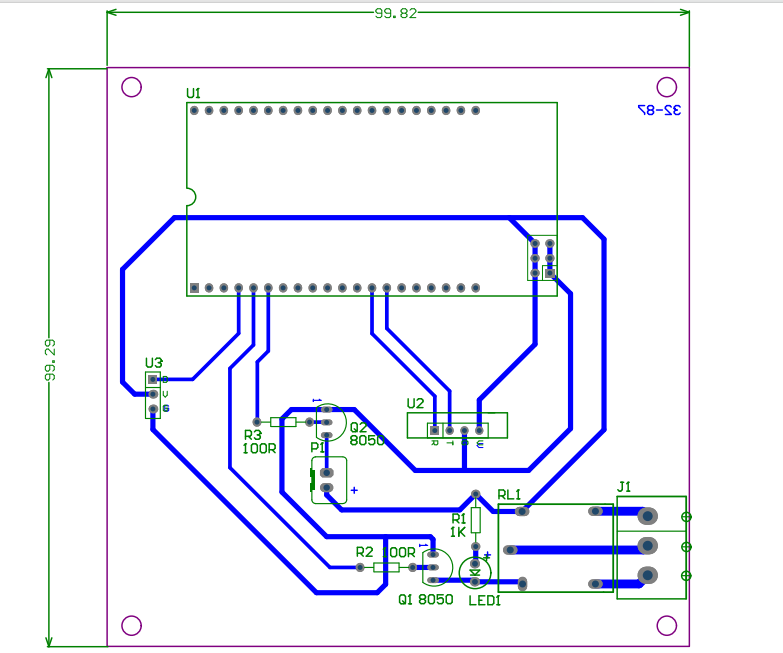
**项目经历：基于stm32的智能洗手台系统**

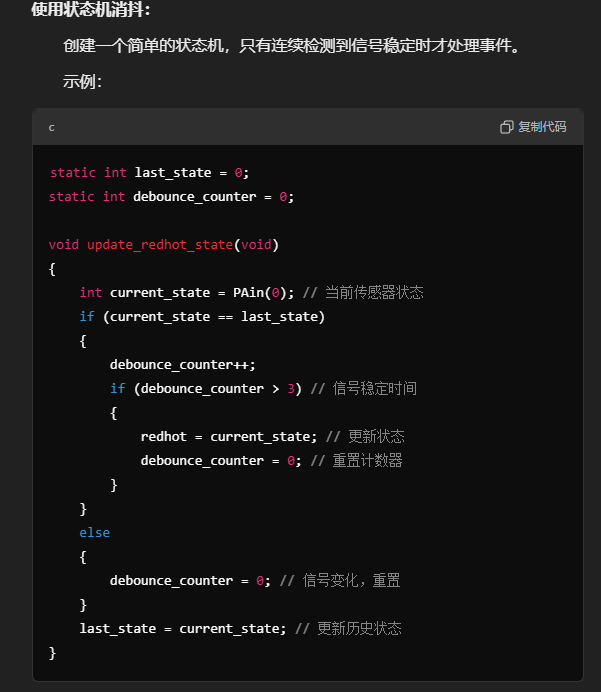


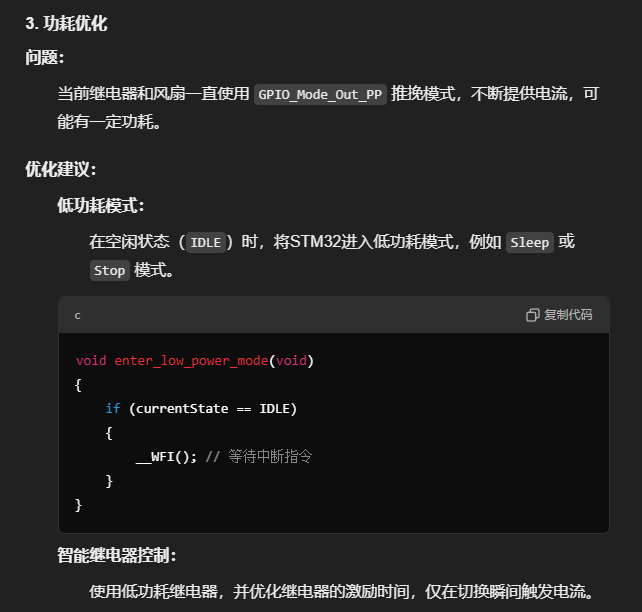


**状态机消抖**





**功耗优化**



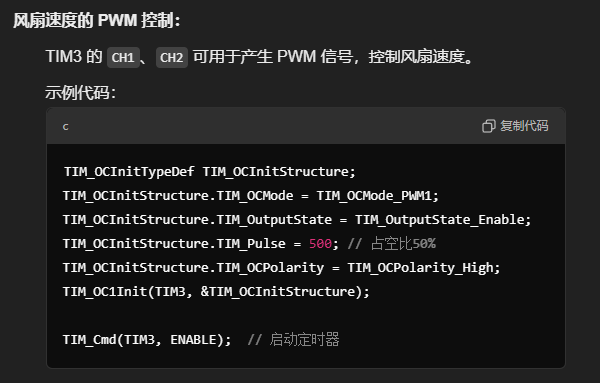
**GPIO配置**



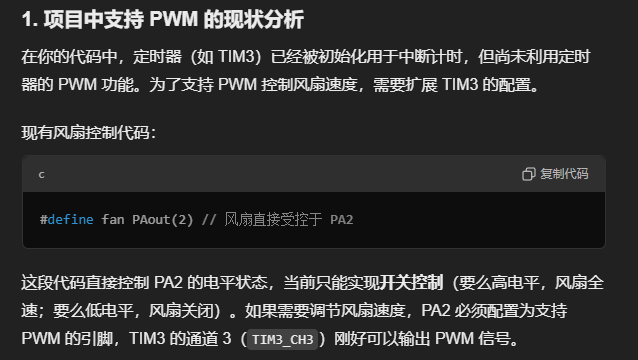


**定时器的使用**





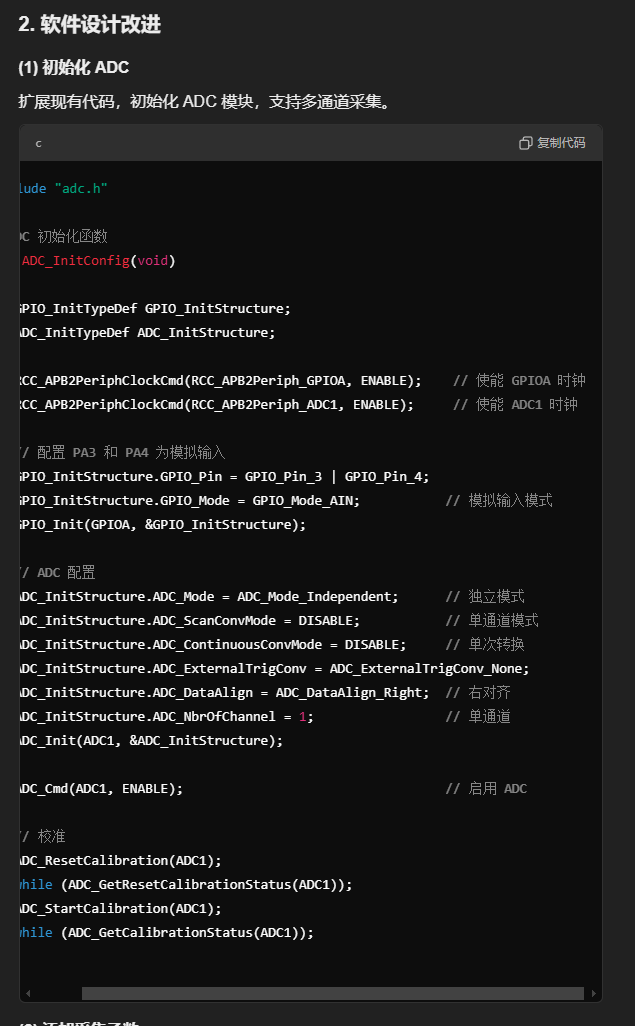
**控制风扇温控的PWM占空比**





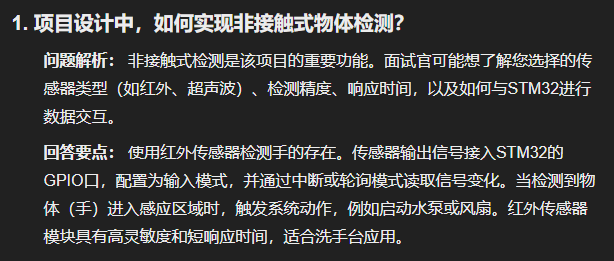
**ADC采集温度**

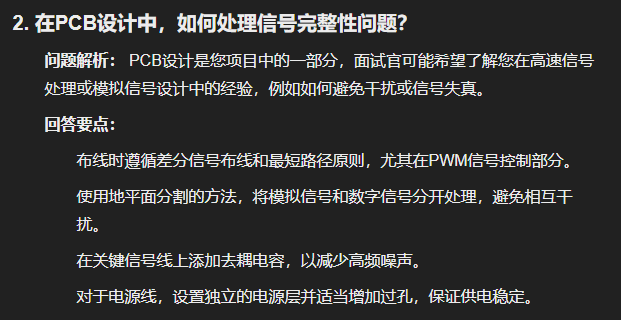


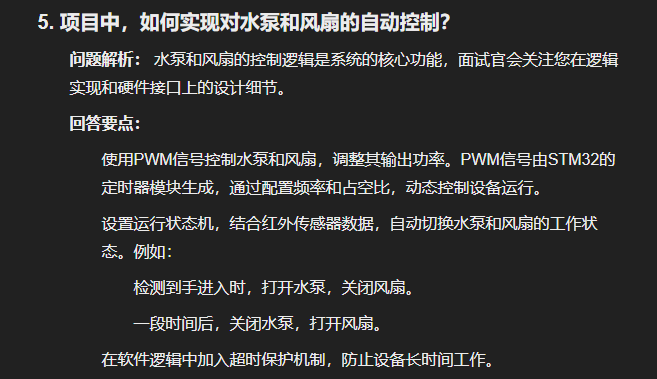
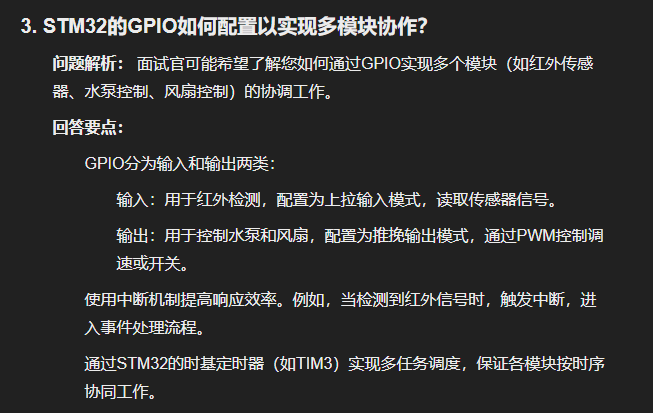


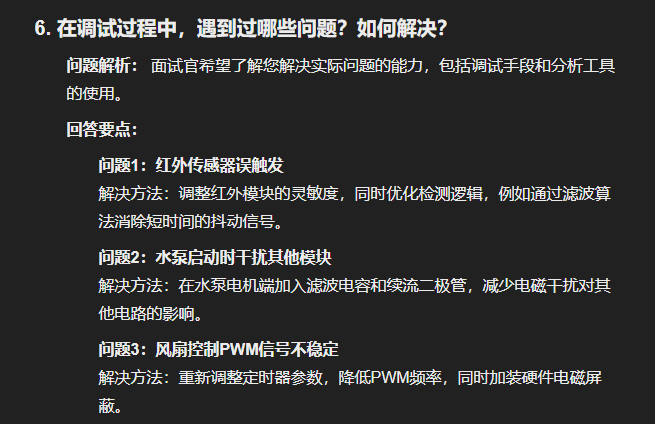


**问题**

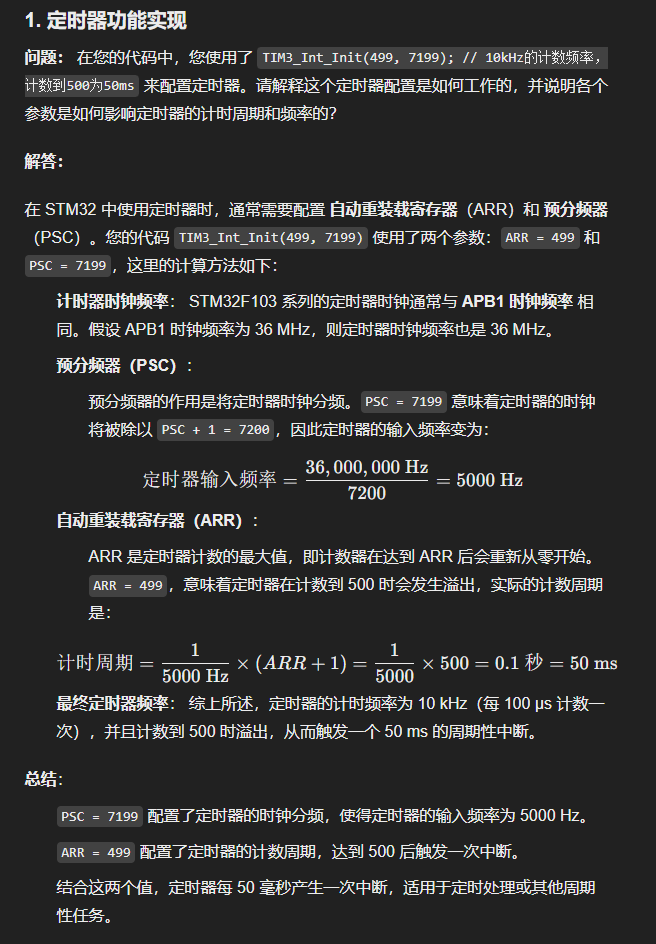








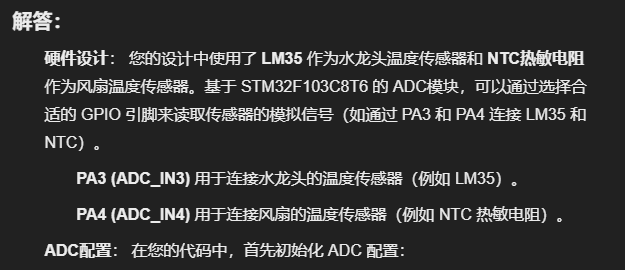
**解释定时器的设置**



**解释状态机消抖**

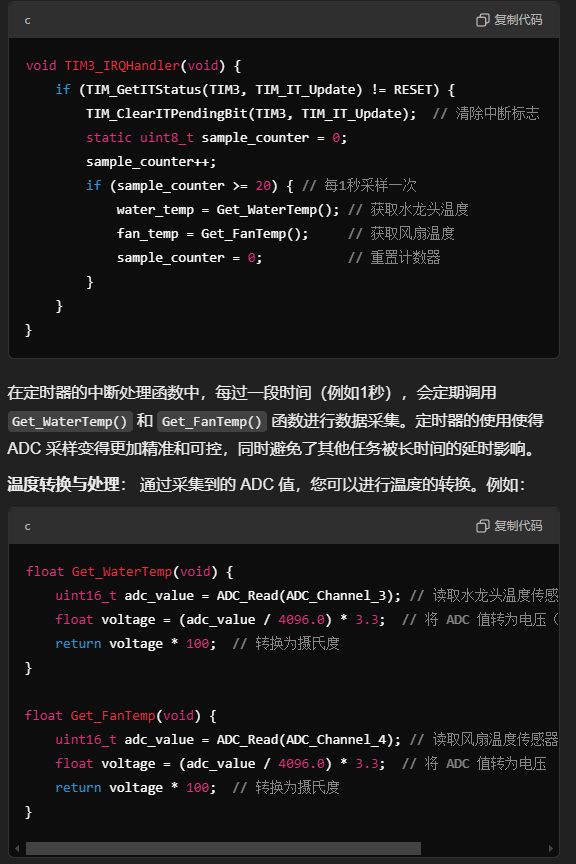


**解释ADC采集温度自调节**





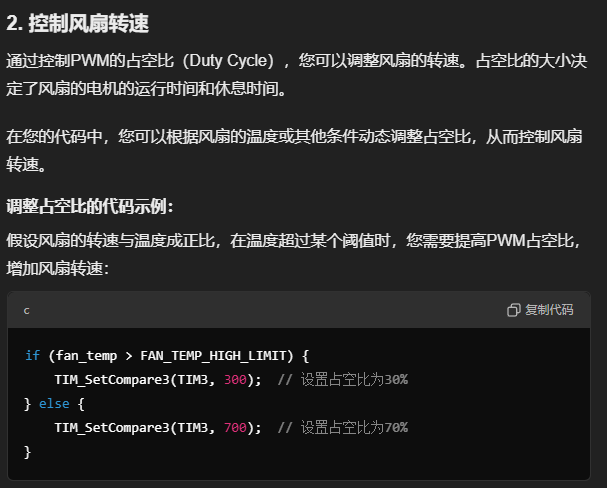


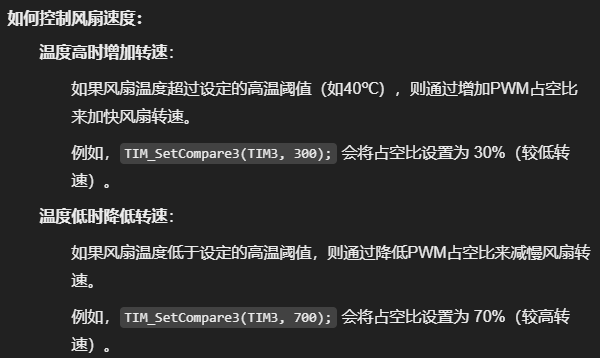


**PWM控制风扇转速**



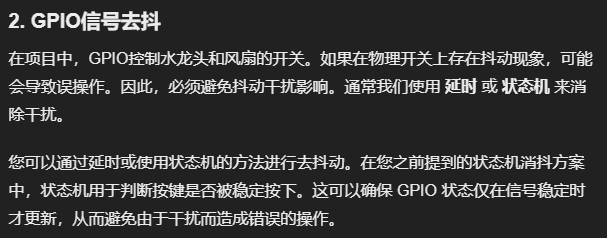






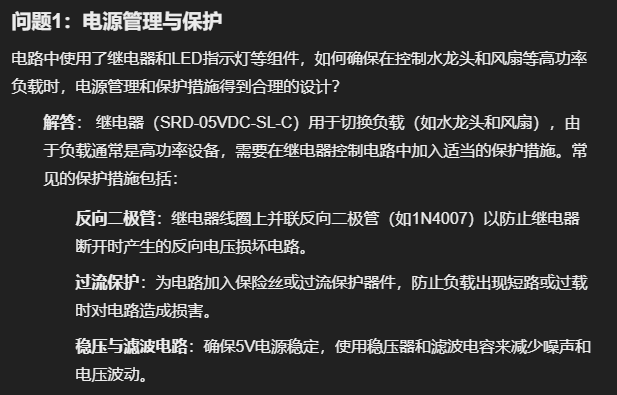
**GPIO口设置**



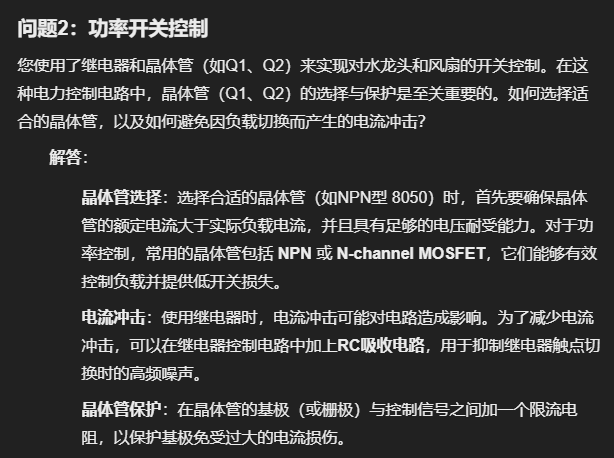




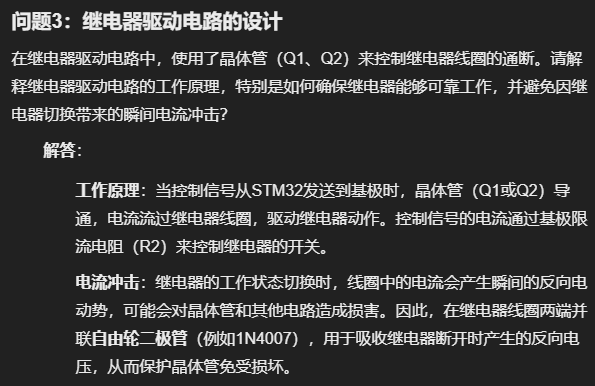
**电源管理与保护**



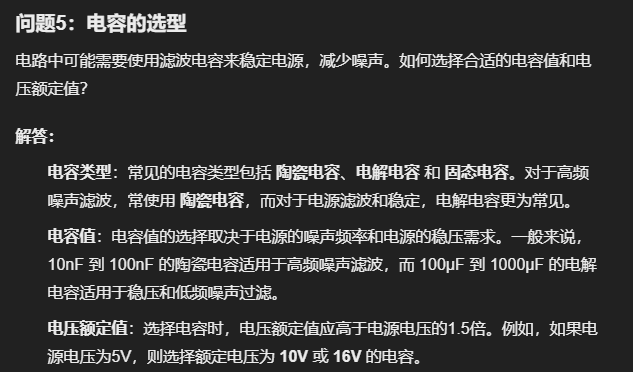
**功率开关控制**



**继电器驱动电路设计**



**电容选型**



**各个模块介绍**





