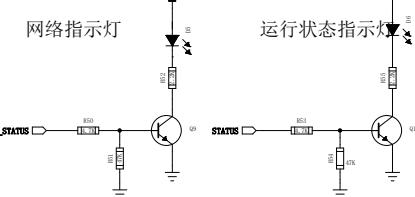
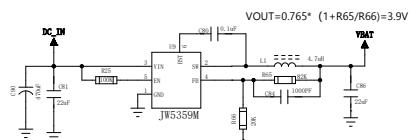


LED



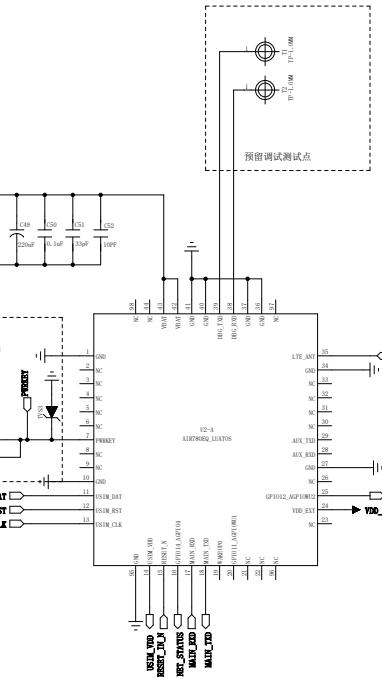
<https://docs.openluat.com/air780eq/luatos/hardware/design/adcdled2cspliusb/>

POWER



DCDC开关电源供电设计指导以及选型：

<https://docs.openluat.com/air780eq/luatos/hardware/design/power/>

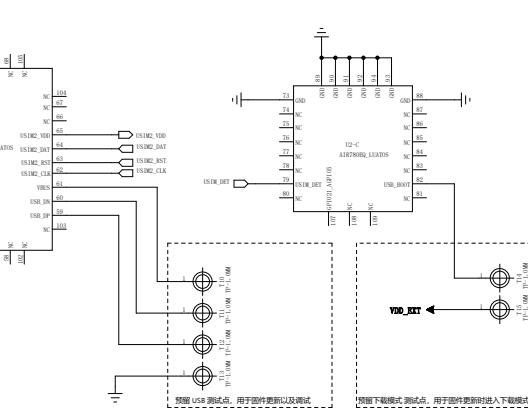


Air780EQ开机以启动及外围电路设计指导：

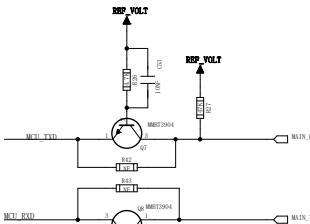
<https://docs.openluat.com/air780eq/luatos/hardware/design/poweron/>

特别说明：

- 1.LuatOS二次开发的原理图，更多的只是展示一下模组自身硬件接口的功能；
- 2.受限于Air780EQ较小RAM的限制，LuatOS二次开发仅开放GPIO/WAKEUP的相关操作；
- 3.更多资料，请查阅[LuatOS官方文档](https://docs.openluat.com/air780eq/luatos/hardware/design/)：<https://docs.openluat.com/air780eq/luatos/hardware/design/>

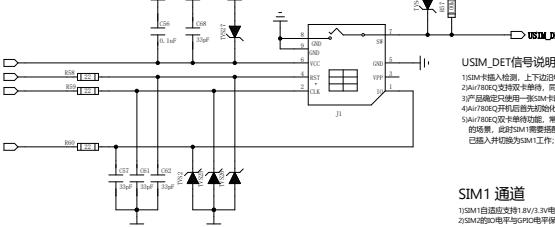


串口电平转换



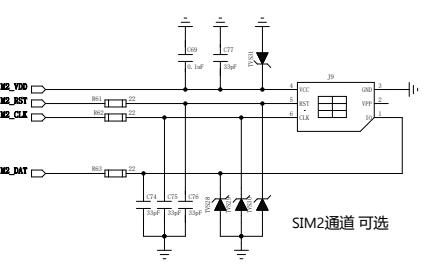
Air780EQ模块串口设计硬件指导：

<https://docs.openluat.com/air780eq/luatos/hardware/design/uart/>

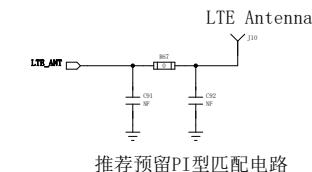


SIM 卡电路很简单，但也有几点需要注意一下

<https://docs.openluat.com/air780eq/luatos/hardware/design/sim/>



天线预留匹配



关于蜂窝模组天线的一些大白话常识

<https://docs.openluat.com/air780eq/luatos/hardware/design/ant/>

| | | | |
|------------------|----------------------------|--------|------------|
| COMPANY: | 上海合宙 | | |
| TITLE: | Air780EQ用于LuatOS使用方式时的参考设计 | | |
| DRAWING NO.: | JJ | DATED: | 2024-10-28 |
| CHECKED: | laolu | DATED: | 2024-10-29 |
| QUALITY CONTROL: | laolu | DATED: | 2024-10-29 |
| RELEASED: | laolu | DATED: | 2024-10-29 |
| SCALE: | G2 | SHEET: | 1 OF 2 |