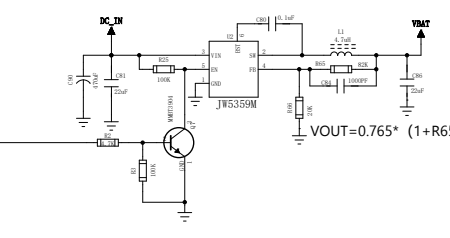
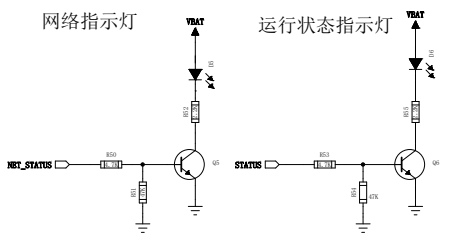
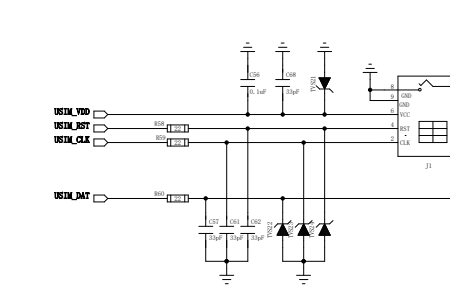


REVISION RECORD			
LV#	REV NO.	APPROVED:	DATE:

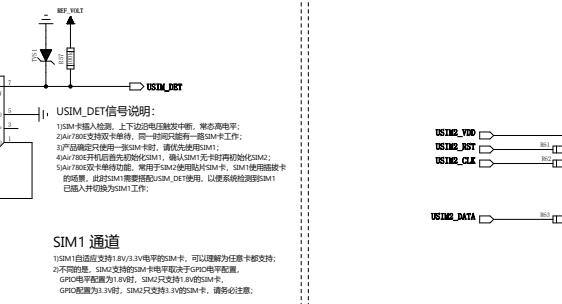
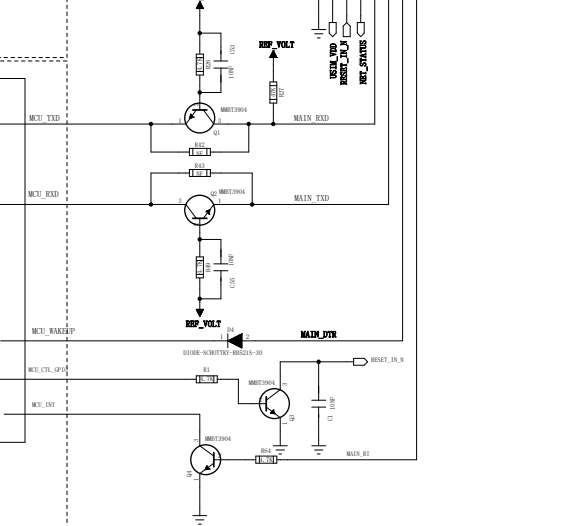
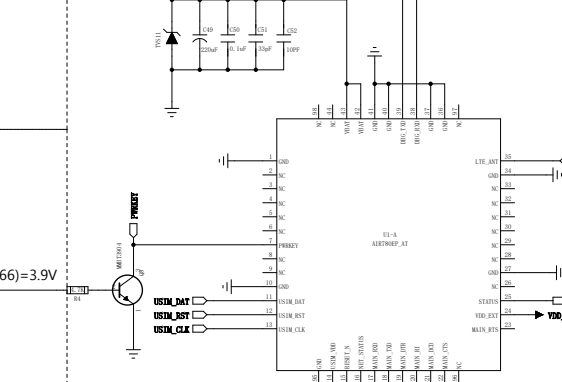


DCDC开关电源供电设计指导以及选型：
<https://docs.openluat.com/air780ep/at/hardware/design/power/>

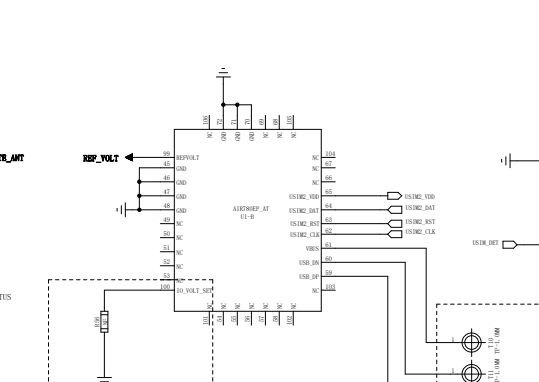
Air780EP模块串口设计硬件指导：
<https://docs.openluat.com/air780ep/at/hardware/design/uart/>



SIM 卡电路很简单，但也有几点需要注意一下
<https://docs.openluat.com/air780ep/at/hardware/design/sim/>

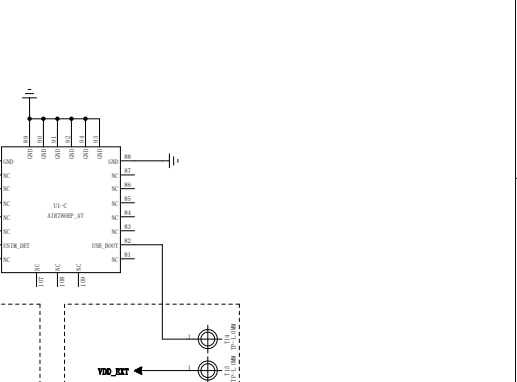
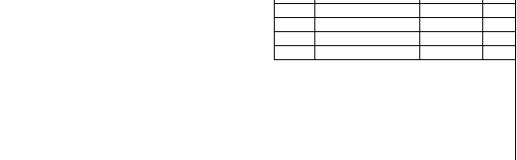


SIM2通道 可选

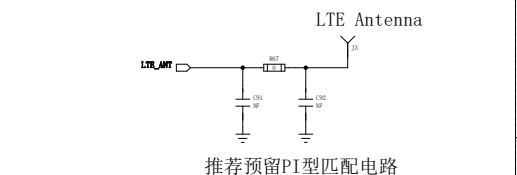


配置根据中心电平为1.8V时，R54不接；
 配置根据中心电平为3.3V时，R54接200K电阻；
 再次强调：
 如果您的MCU IO是1.8V，根据PIN100选择接空，也就是R54不接的电路；
 如果您的MCU IO是3.3V，根据PIN100选择接R54，也就是R54接200K电阻。这样可以避免接口电平转换电路。

Air780EP开机以启动及外围电路设计指导：
<https://docs.openluat.com/air780ep/at/hardware/design/poweron/>



预留 USB 测试点，用于固件更新以及调试



关于蜂窝模组天线的一些大白话常识
<https://docs.openluat.com/air780ep/at/hardware/design/ant/>

上海合宙					
TITLE: Air780EP用于AT使用方式时的参考设计					
DESIGN:	JJ	DATE:	2024-10-30	CORE:	laolu
DESIGNED:	laolu	DATE:	2024-10-31	SIZE:	A1
QUALITY CONTROL:	laolu	DATE:	2024-10-31	DRAWING NO.:	20241031
RELEASED:	laolu	DATE:	2024-10-31	REV.:	2
SCALE: G2				SHEET: 1 of 1	