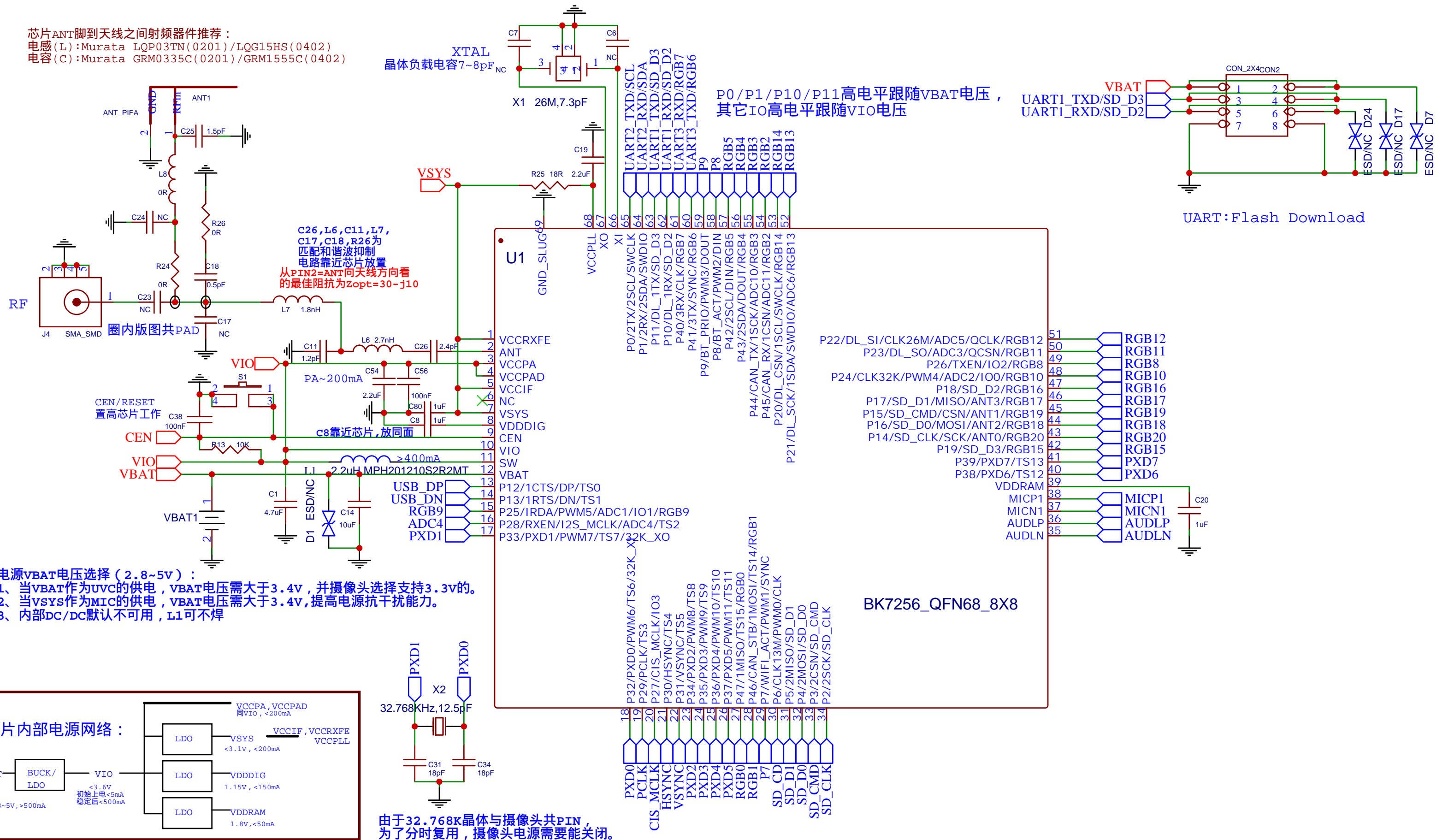
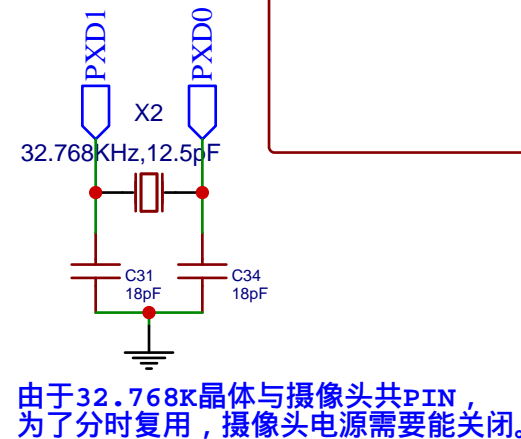
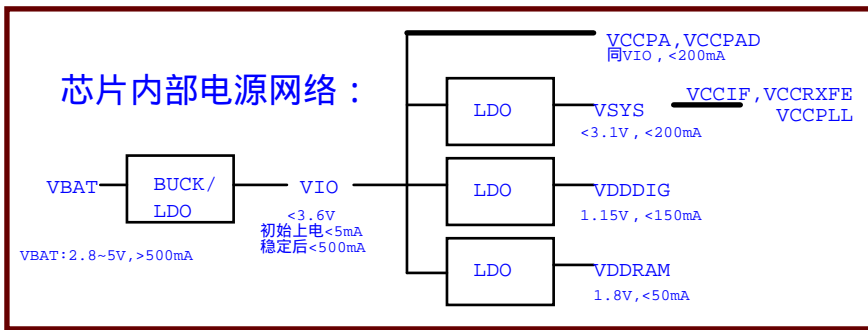


芯片ANT脚到天线之间射频器件推荐：
 电感(L):Murata LQP03TN(0201)/LQG15HS(0402)
 电容(C):Murata GRM0335C(0201)/GRM1555C(0402)



电源VBAT电压选择 (2.8~5V) :

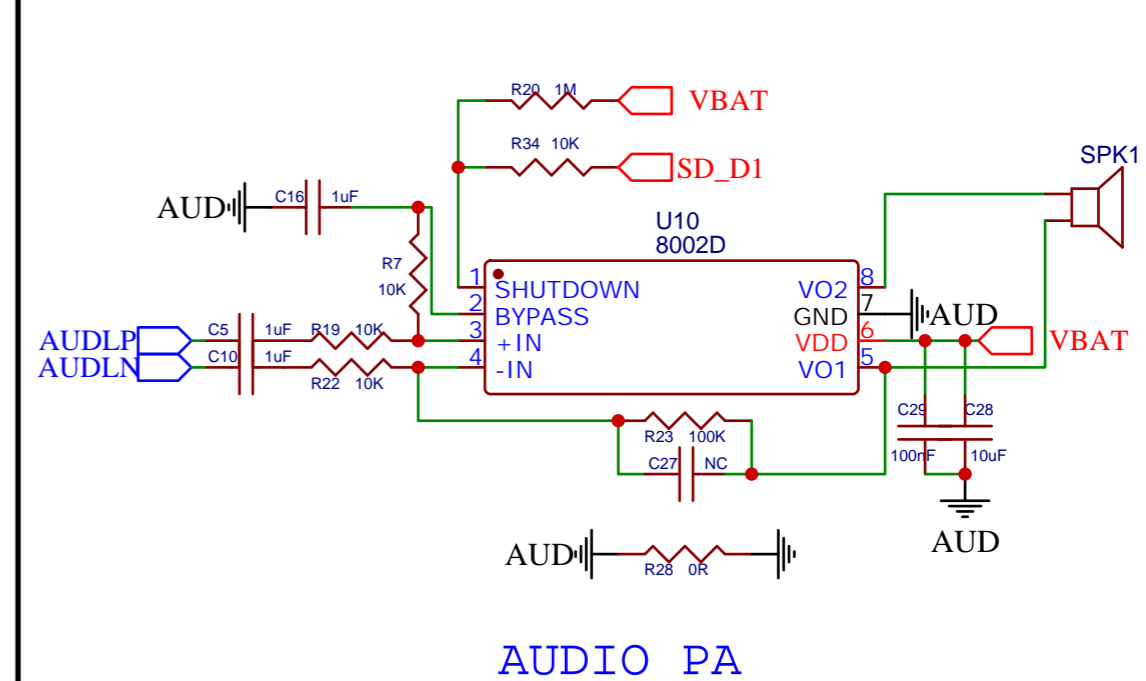
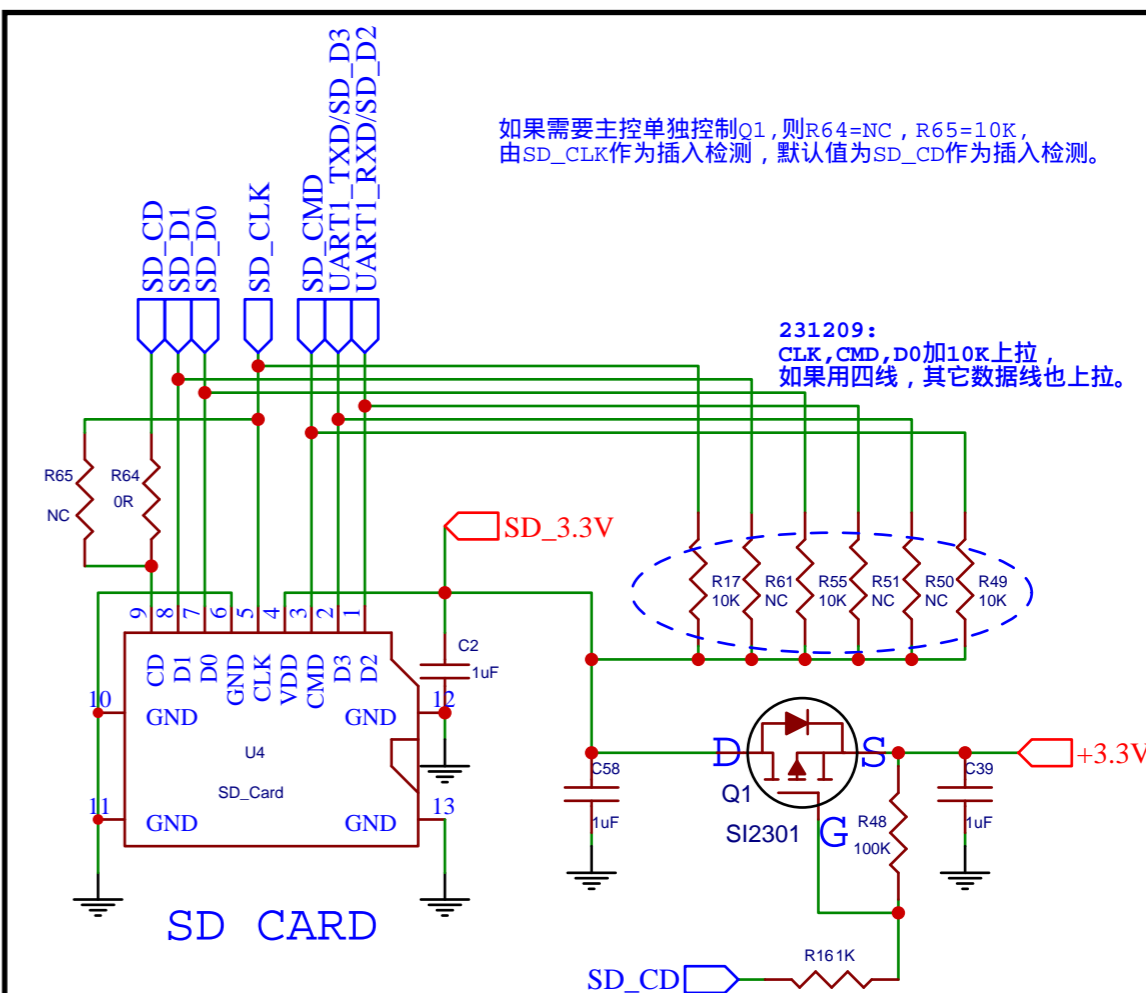
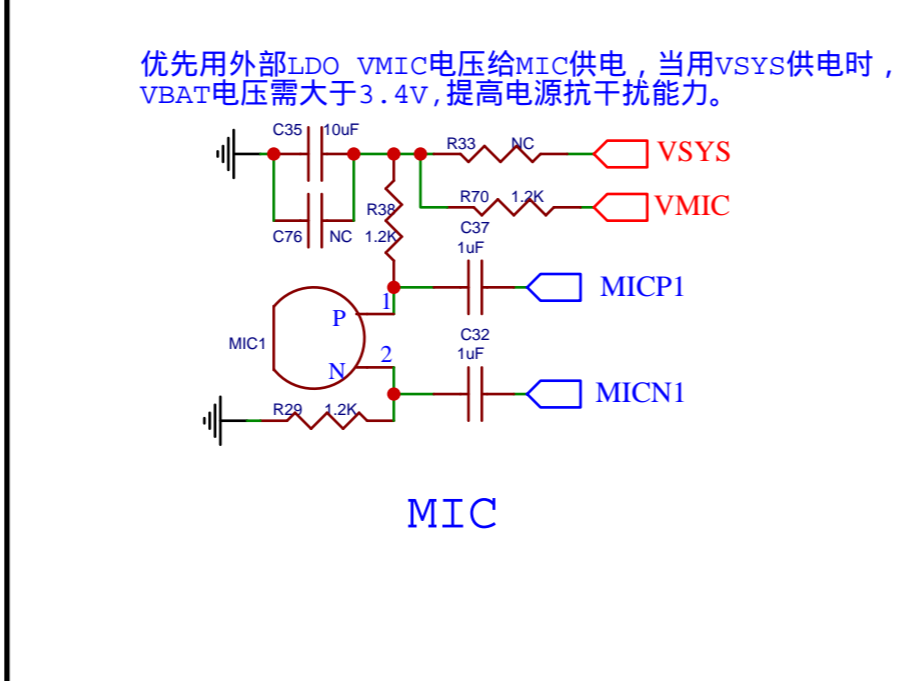
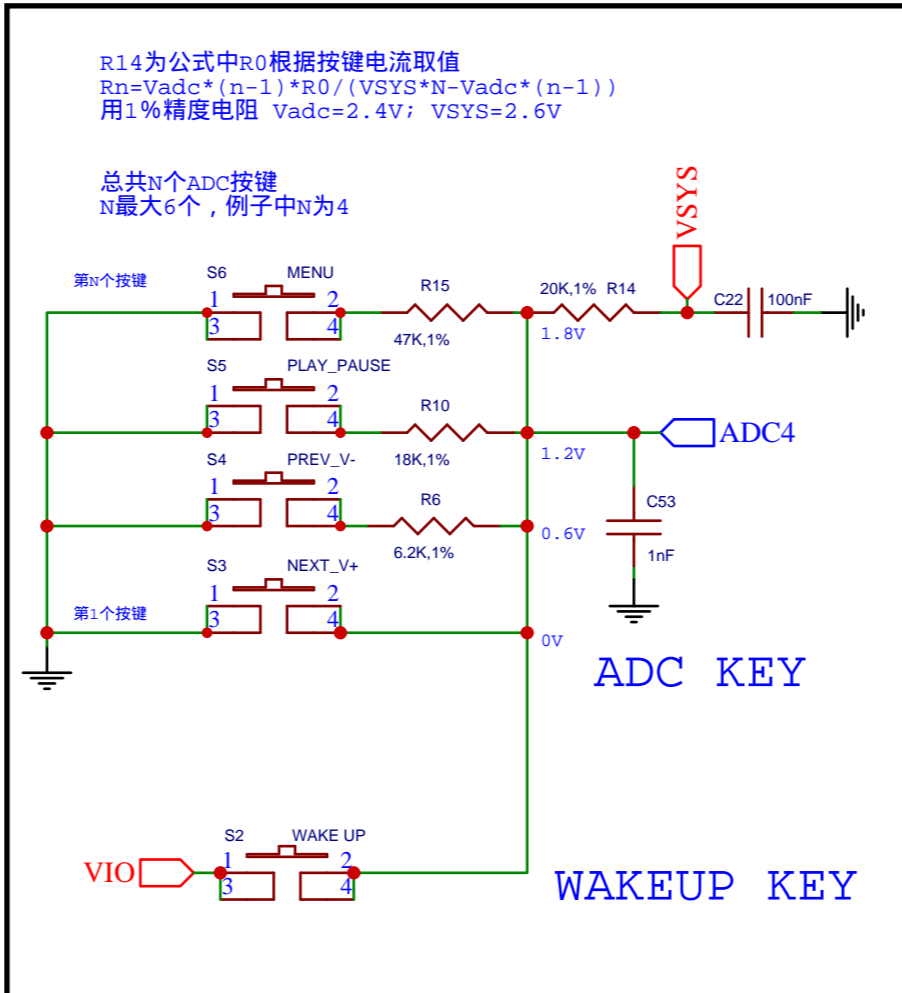
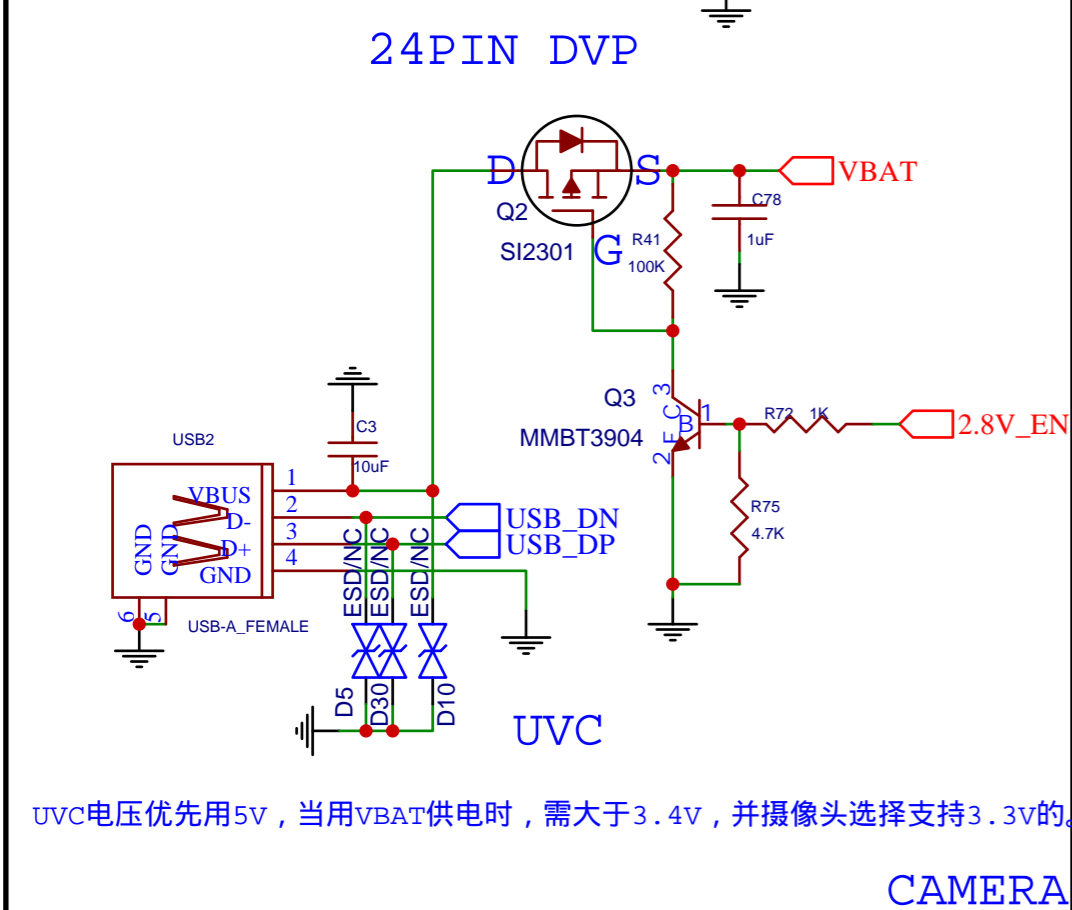
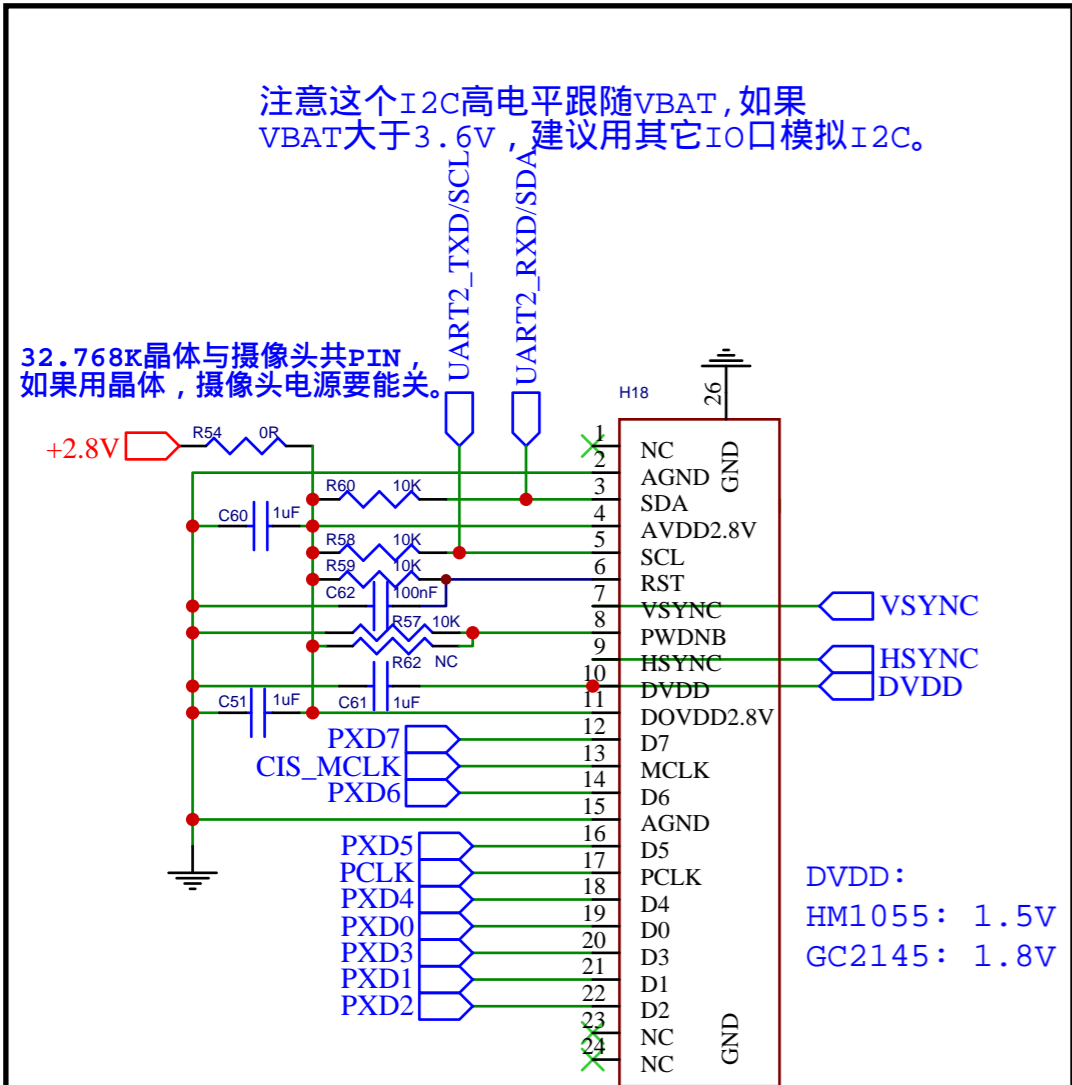
- 1、当VBAT作为UVC的供电, VBAT电压需大于3.4V, 并摄像头选择支持3.3v的。
- 2、当VSYS作为MIC的供电, VBAT电压需大于3.4V, 提高电源抗干扰能力。
- 3、内部DC/DC默认不可用, L1可不焊

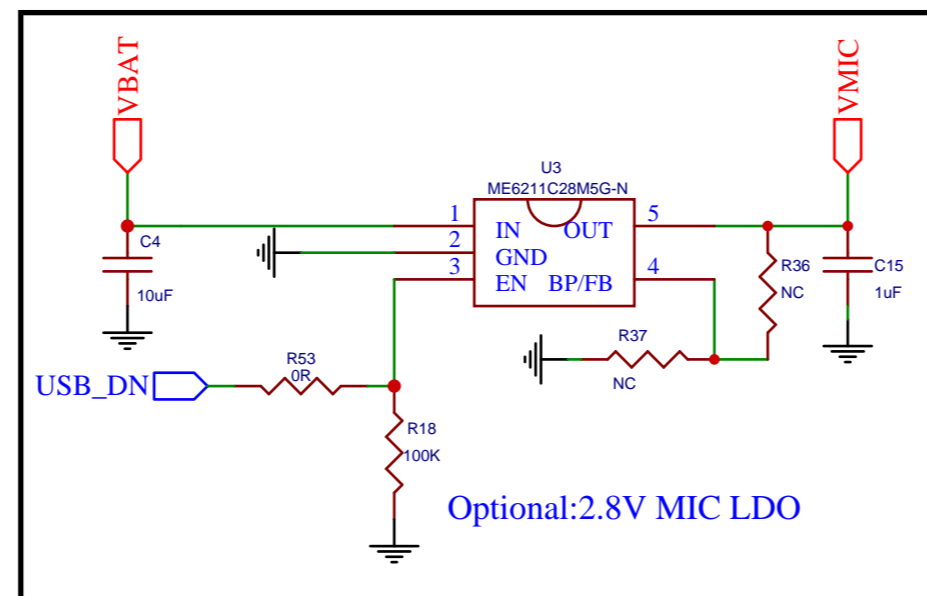
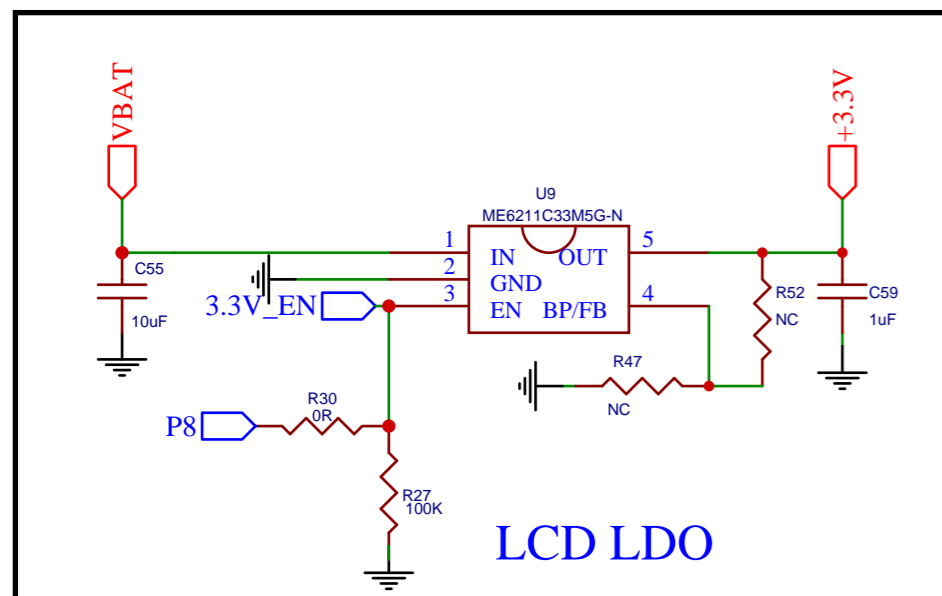
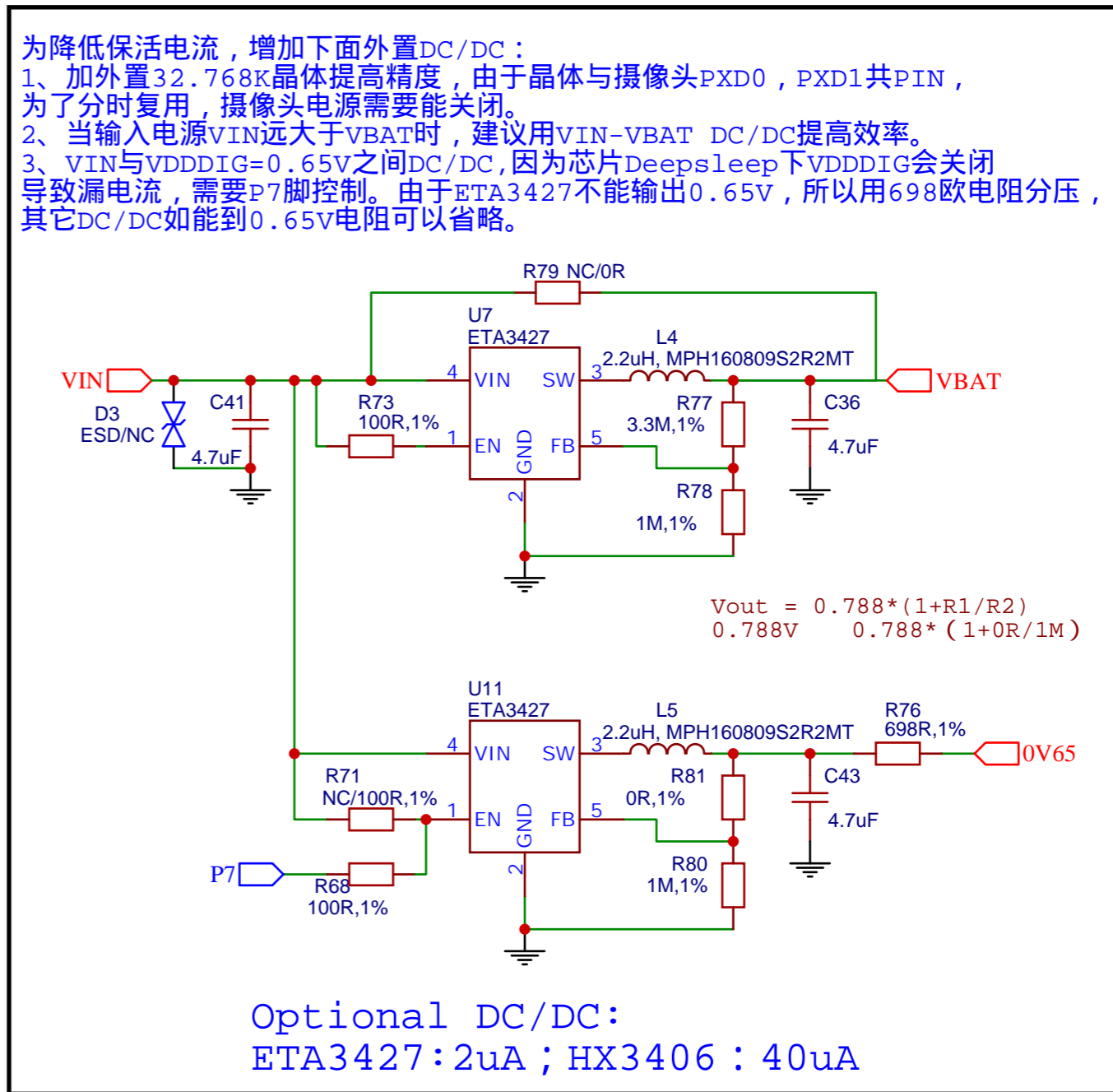
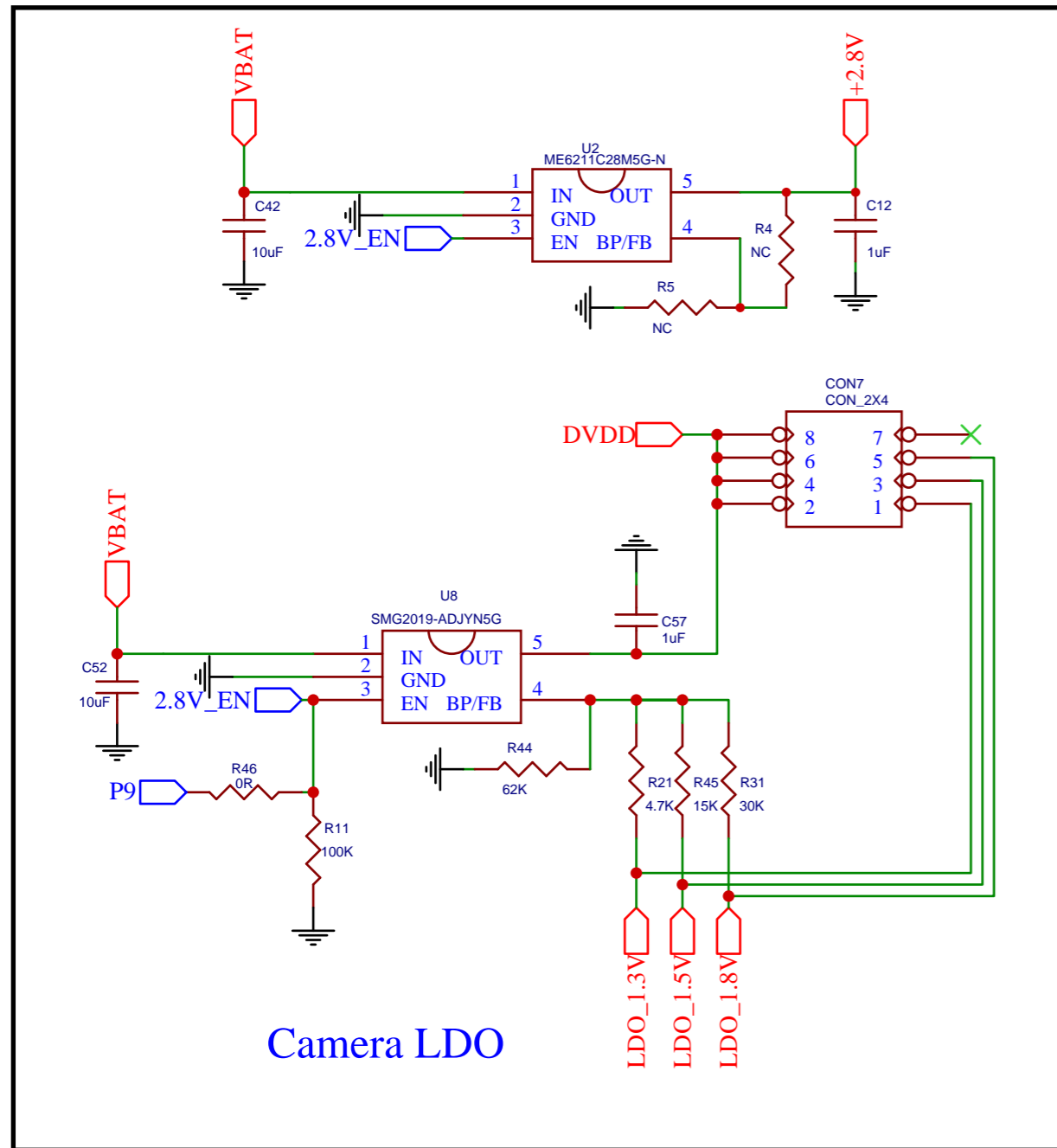



版图Layout要求：

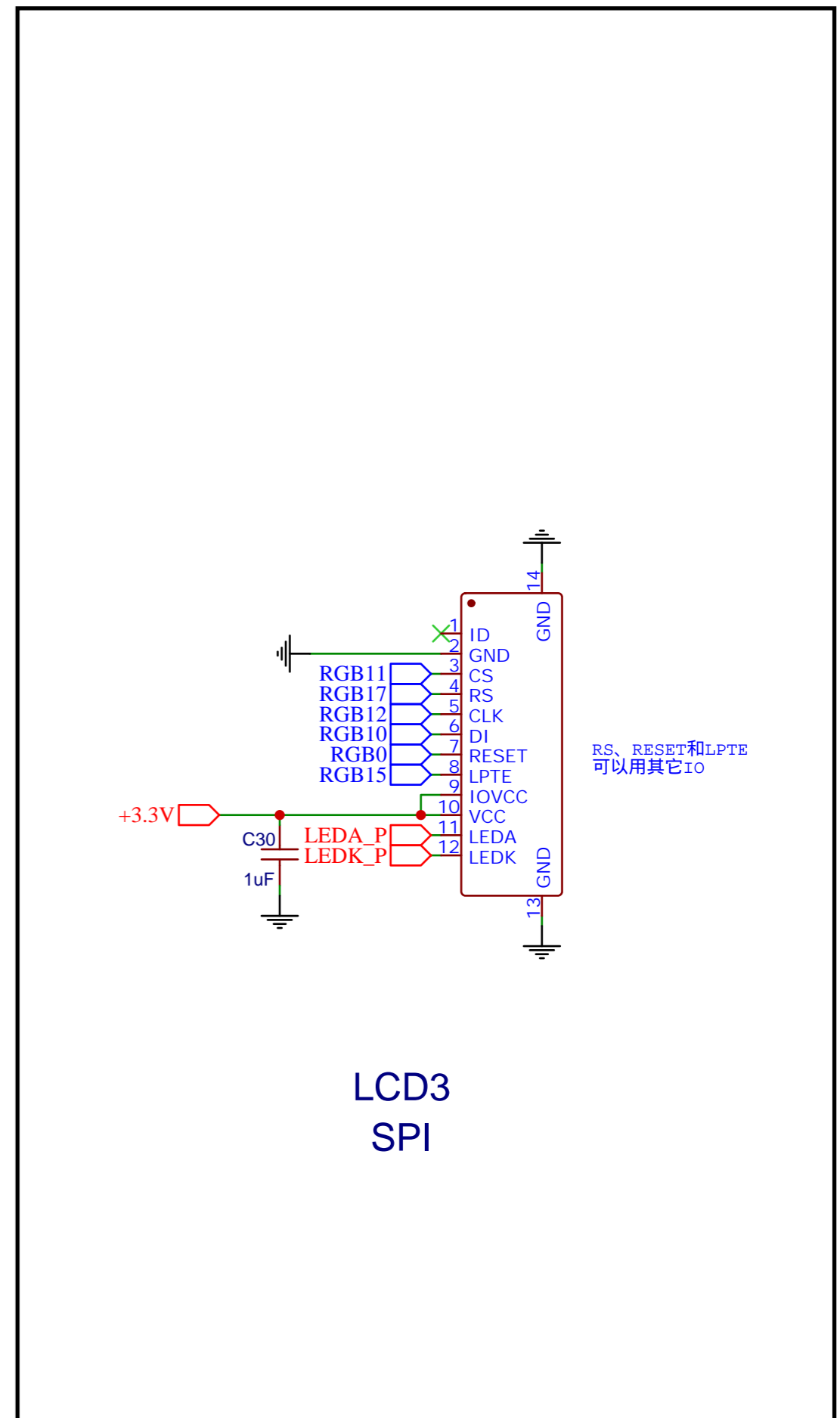
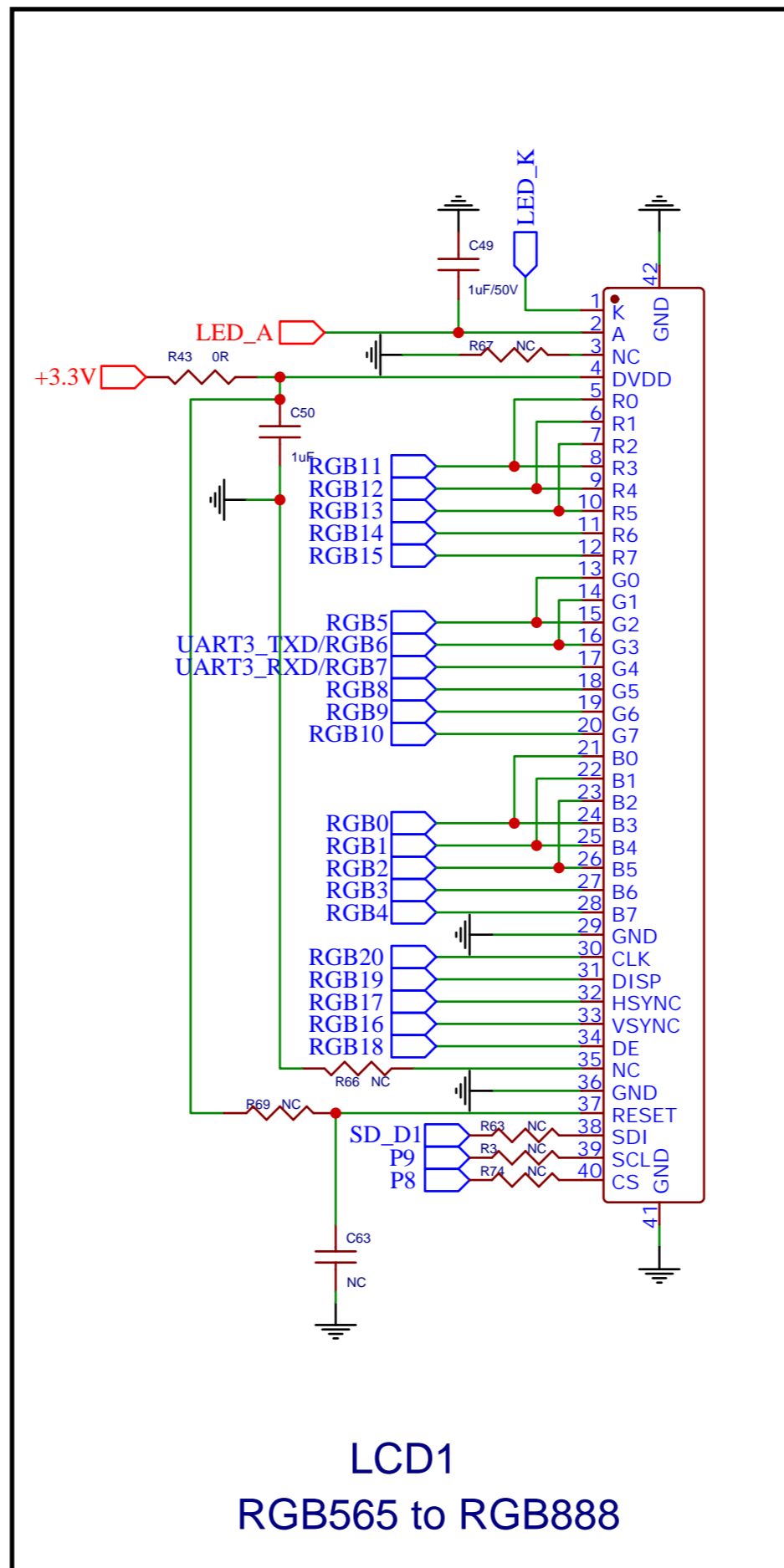
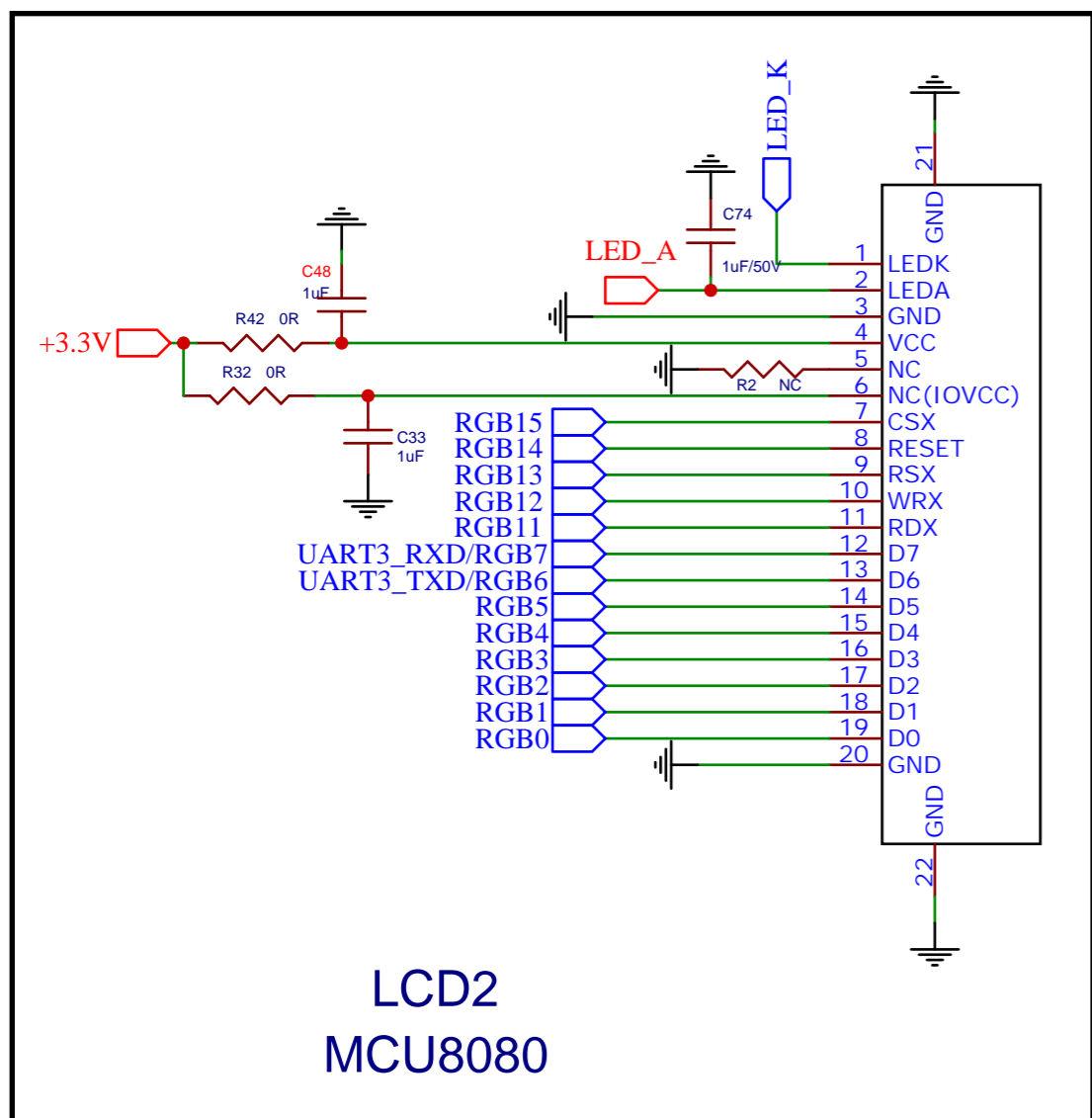
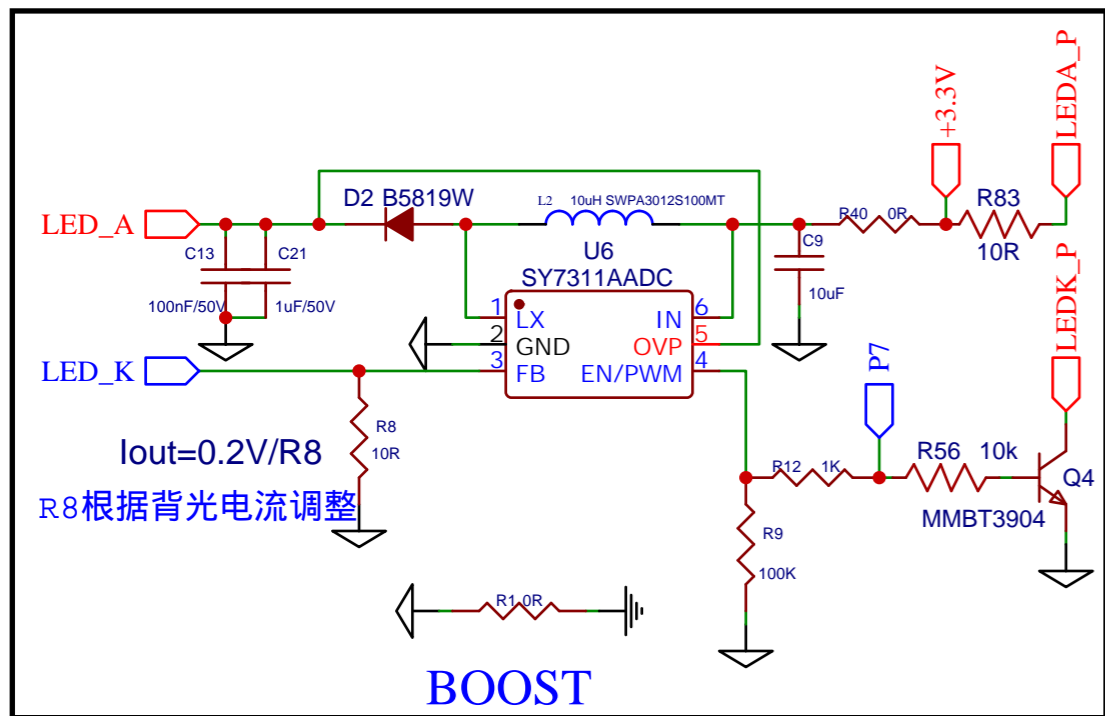
1. 芯片匹配电路C26, L6, C11, L7, C17, C18, R26靠近芯片ANT脚放置。天线匹配靠近天线放置。射频PCB走线先进器件PAD脚, 再从PAD脚出来, 不要丁字型走线。
2. 推荐至少用4层PCB板, 保证射频部分下面地完整。
3. VCCPA处电流比较大, 线宽至少0.3mm。

TITLE: BK7256_QFN68_8X8_Main		REV: 5.4
	Company: Beken Corporation	Sheet: 1/5
	Date: 2023-12-09	Drawn By: Beken





TITLE:	BK7256_QFN68_8X8_Power	REV: 5.4
	Company: Beken Corporation	Sheet: 3/5
	Date: 2023-12-09	Drawn By: Beken



BK7256 SCH and PCB layout Version Change List

Data	Version	Author	Description
2022.11.23	V5.0	Beken	Based on EVB V5.0
2023.02.15	V5.1	Beken	R25=18R; Add more descriptions
2023.05.23	V5.2	Beken	Update power tree and layout guide
2023.05.23	V5.3	Beken	Add optional DC/DC, 32.768K
2023.12.09	V5.4	Beken	Replace QSPI with SPI LCD; Add SDIO 10k pull-up; Add ANT Zopt