

1. 耐压是可以的。同时，D+接 REGN 和 D-悬空，识别出来也是 500mA 的 IINDPM，与原先 PSEL 接 REGN 和/PG 悬空识别出来一致。

D+ can tolerate 5V REGN voltage. also, D+ connected to REGN and D- floating, lindpm is also configured to 500mA which is same as PSEL connecting to REGN.

2. 可行。

OK.

3. BATSNS 通过电阻接地，INT 不会有中断。

No /INT is asserted when BATSNS is shorted to ground.

4. 当适配器不在位的时候，电池通过 batfet 给 SYS 供电。这里 reset 就是指 BATFET 会关断一下再开，让 SYS 供电的系统进入一个 power-on-reset。具体参考手册 9.3.7.3。

The BATFET functions as a load switch between battery and system when input source is not plugged-in. When BATFET_RST_EN=1 and BATFET_DIS=0, BATFET full system reset function is enabled. By changing the state of BATFET from on to off, systems connected to SYS can be effectively forced to have a power-on-reset. See datasheet 9.3.7.3.

5. 我们 25611D 里面用的 1uH 电感应该是 MAPM0410F-1R0M-LF，1uH,25mohm. 请参考 EVM guide(在官网上搜索 sluuc27b 即可查到)

1uH Inductor we use in BQ25611D EVM is MAPM0410F-1R0M-LF. See in EVM guide(you can search sluuc27b on TI's website) .