

When AFE wake up, it will supply power 3.3V\_REGOUT  
3.3V\_REGOUT is then used to enable DC-DC Converter  
DC-DC converter supplies power to MCU and NFC  
MCU can put AFE back to ship mode through I2C

D17 hold the charge for AFE  
when VBAT is unstable

VREGSRC= VC5X-VGS(hi) Q16

To enable DC-DC  
3.3V\_REG\_AFE

D24 protect CHG pin  
when Pack voltage is high

AFE\_I2C\_SCL  
AFE\_I2C\_SDA  
AFE\_I2C\_ALERT

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## Nhung van de cua v1.0:

Ve sai vi tri 8.4V\_2CELL  
Chuyen C202 sang SMD  
Check lai phu mass vi khá khó hàn

Chon lai giá trị R208/R205 de ra 12V tròn, thêm 2 ĐT

Thêm giai pháp on/off FET CHG/DSG tu MCU

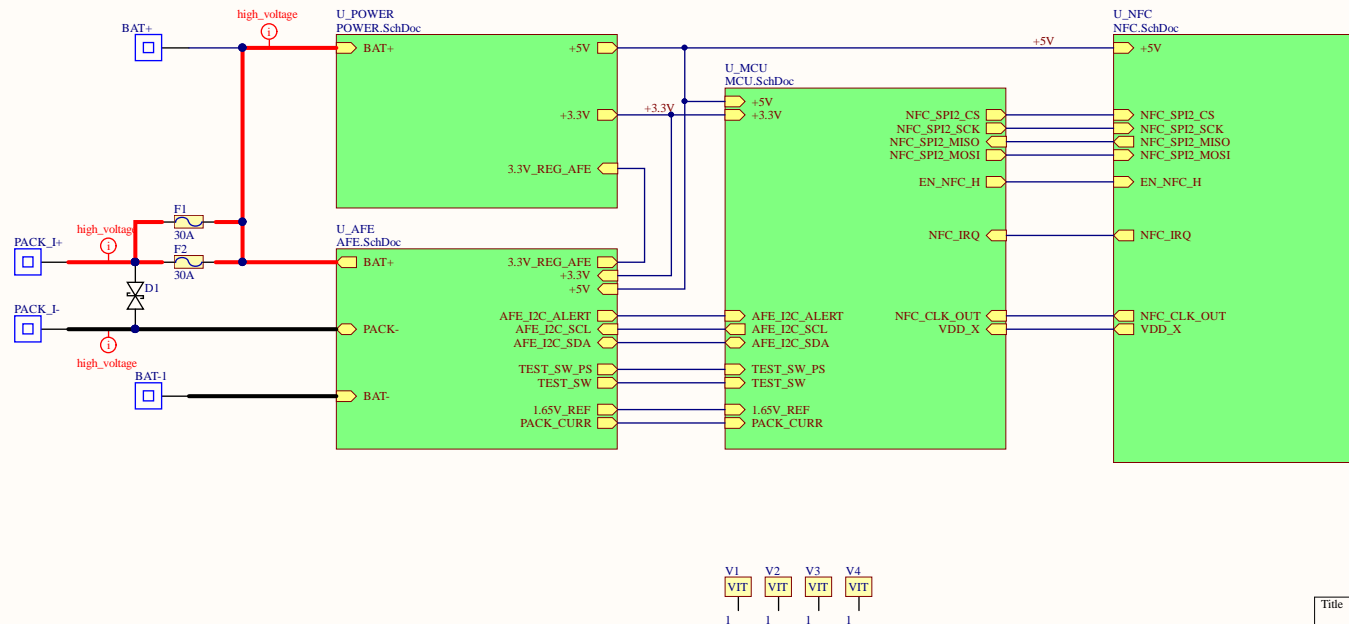
Them test point

Đoi connector noi tu các cell den mach sang dang cam chac chan hon

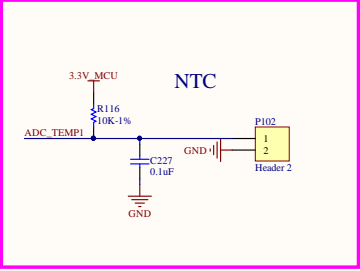
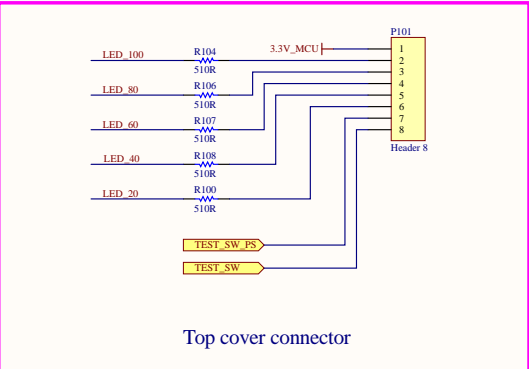
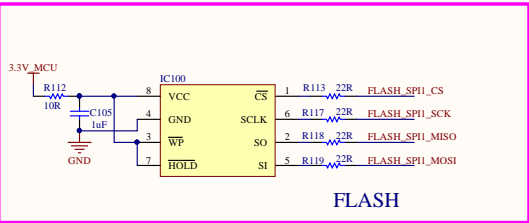
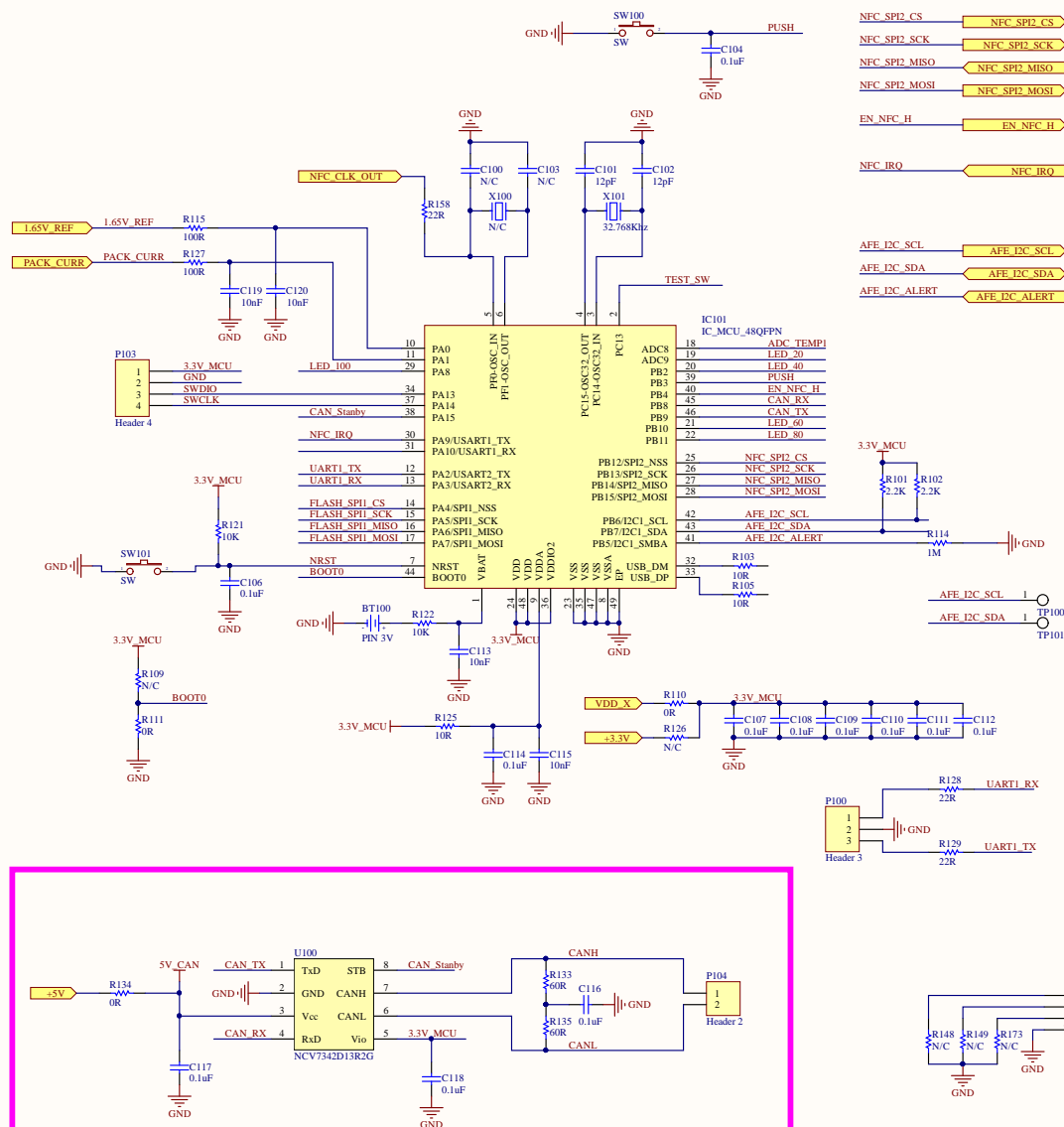
Đoi kieu chân của STM32

Tính thêm vi trí bat NTC

Phuong án dùng tín hiệu của anten de wake up MCU

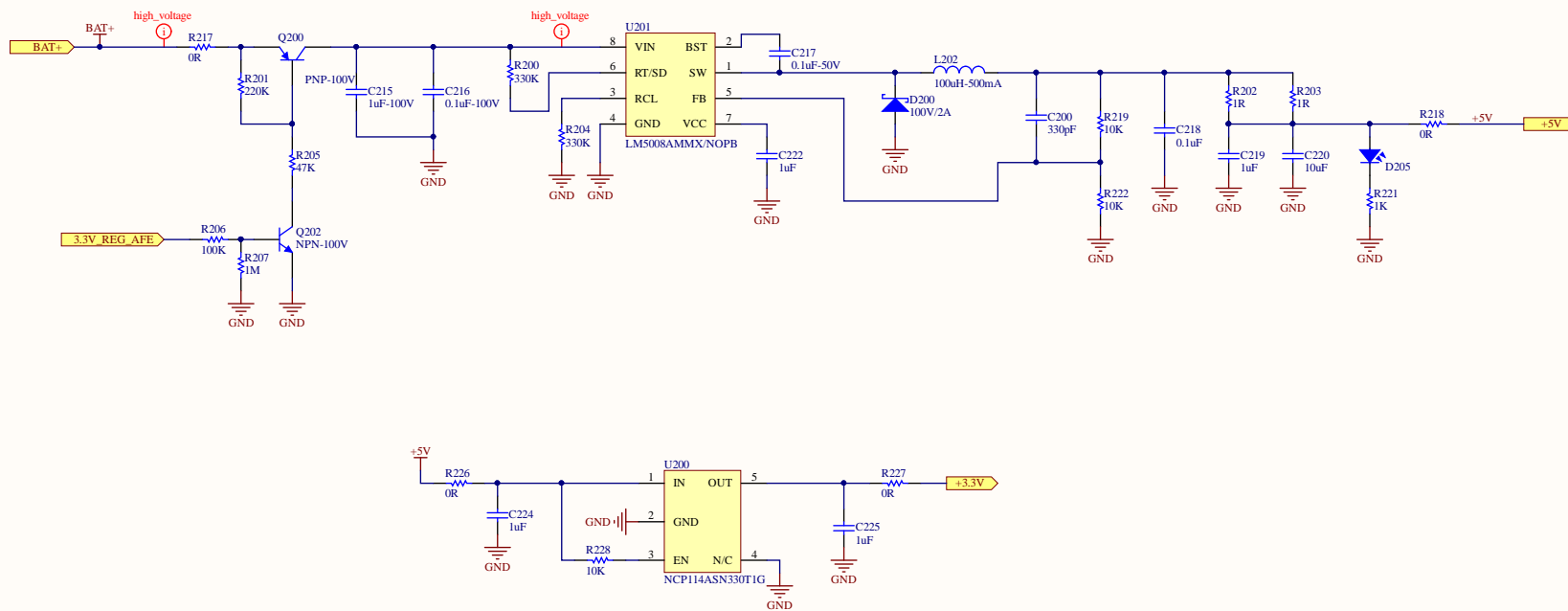


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