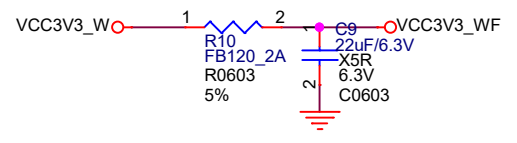
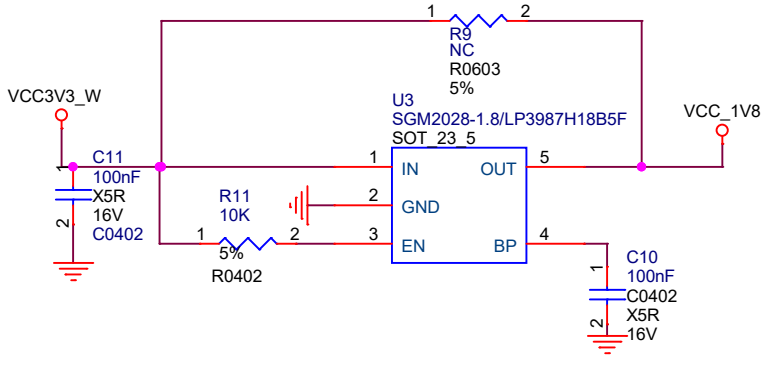
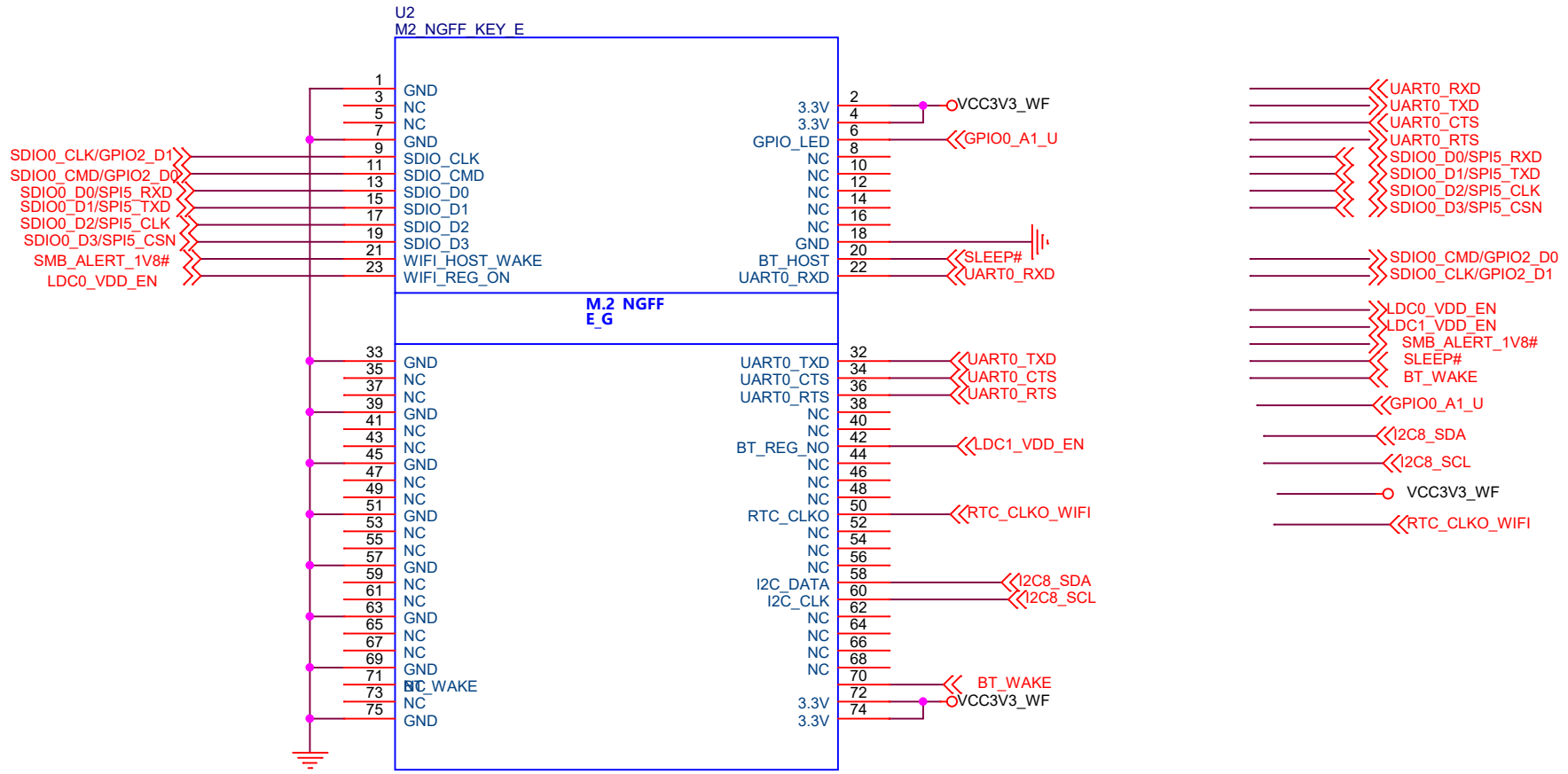
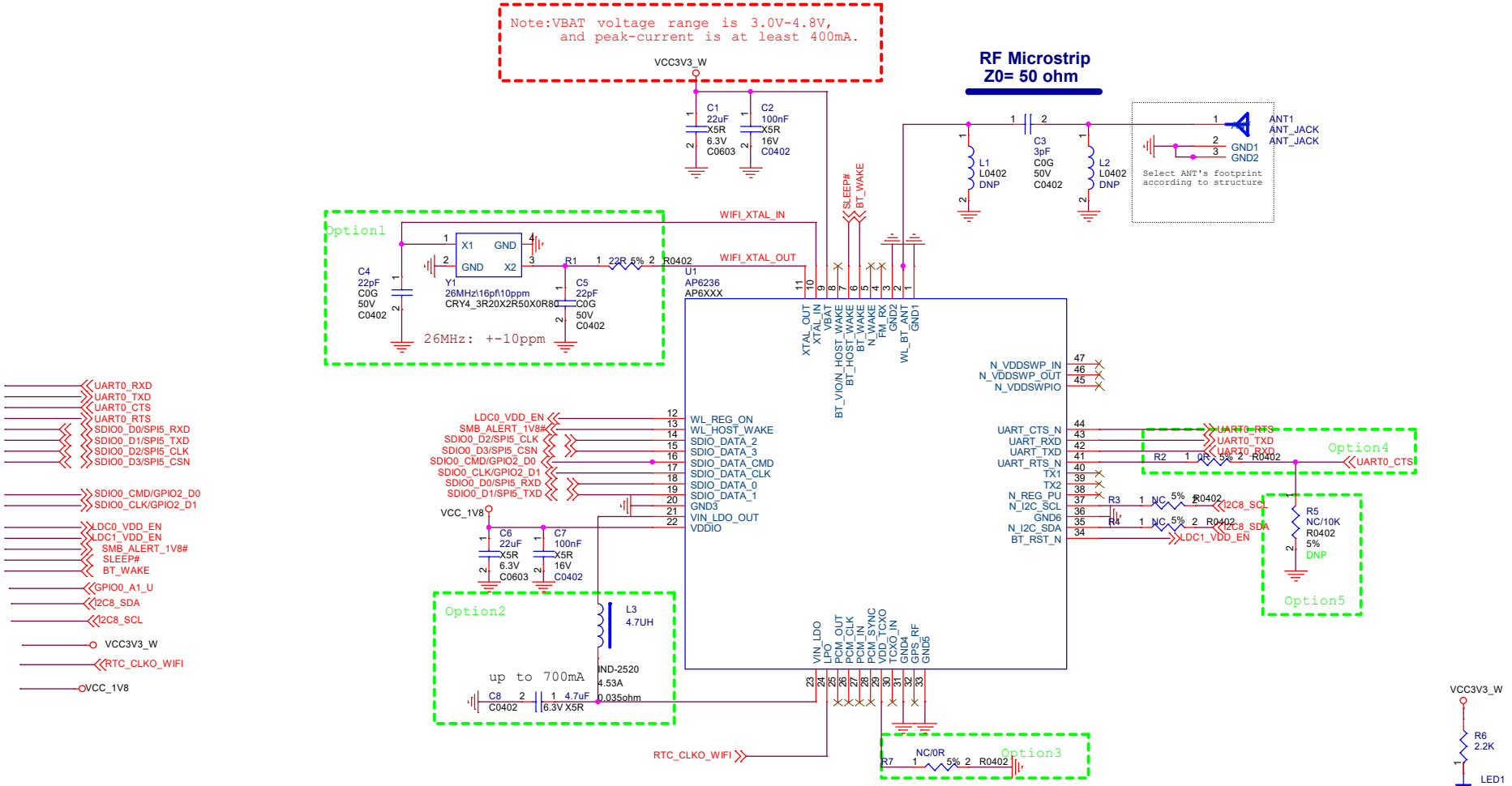


# WIFI NGFF/M.2



Note:VBAT voltage range is 3.0V-4.8V, and peak-current is at least 400mA.

RF Microstrip  
Z0= 50 ohm



- UART0\_RXD
- UART0\_TXD
- UART0\_CTS
- UART0\_RTS
- SDIO0\_D0/SPI5\_RXD
- SDIO0\_D1/SPI5\_TXD
- SDIO0\_D2/SPI5\_CLK
- SDIO0\_D3/SPI5\_CSN
- SDIO0\_CMD/GPIO2\_D0
- SDIO0\_CLK/GPIO2\_D1
- SDIO0\_D0/SPI5\_RXD
- SDIO0\_D1/SPI5\_TXD
- LDC0\_VDD\_EN
- LDC1\_VDD\_EN
- SMB\_ALERT\_1V8#
- SLEEP#
- BT\_WAKE
- GPIO0\_A1\_U
- I2C8\_SDA
- I2C8\_SCL
- VCC3V3\_W
- RTC\_CLKO\_WIFI
- VCC1V8

Note:  
Yes: option circuit be mounted  
No: option circuit not be mounted

OPTION	WIFI				BT	Crystals	VCCIO_SDIO	OPTION1	OPTION2	OPTION3	OPTION4	OPTION5
	a	b/g/n	ac	5GHz								
AW-CM256SM	Yes	Yes	Yes	Yes	4.2	37.4MHz	1.71-3.63V	Yes	Yes	Yes@SDIO2.0 No@SDIO3.0	Yes	No
AP6236/AP6212	No	Yes	No	No	4.2/4.0	26MHz	1.71-3.63V	Yes	Yes	No	Yes	No
AP6256/AP6255	Yes	Yes	Yes	Yes	5.0/4.2	37.4MHz	1.62-3.63V	Yes	Yes	Yes@SDIO2.0 No@SDIO3.0	Yes	No
RTL8189FTV Module F89FTSM12-W3	No	Yes	No	No	No	Module Integrated	1.8-3.3V	No	No	No	Yes	No
RTL8723DS Module 6223A-SRD	No	Yes	No	No	4.2	Module Integrated	1.62-3.63V	No	No	No	No	Yes
QCA9377 Module 8223A-SR	Yes	Yes	Yes	Yes	4.2	Module Integrated	1.7-3.45V	No	No	No	Yes	No
RTL8821CS Module 6221A-SRC	Yes	Yes	Yes	Yes	4.2	Module Integrated	1.7-3.45V	No	No	No	Yes	No

