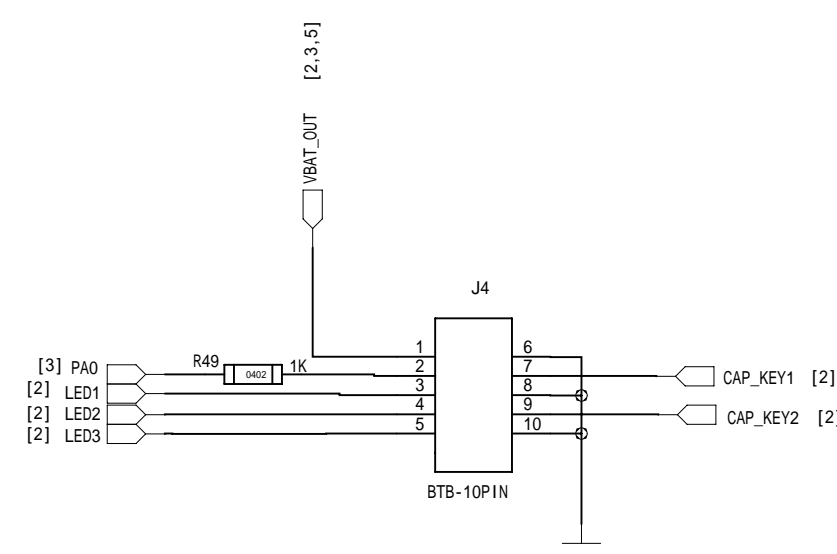
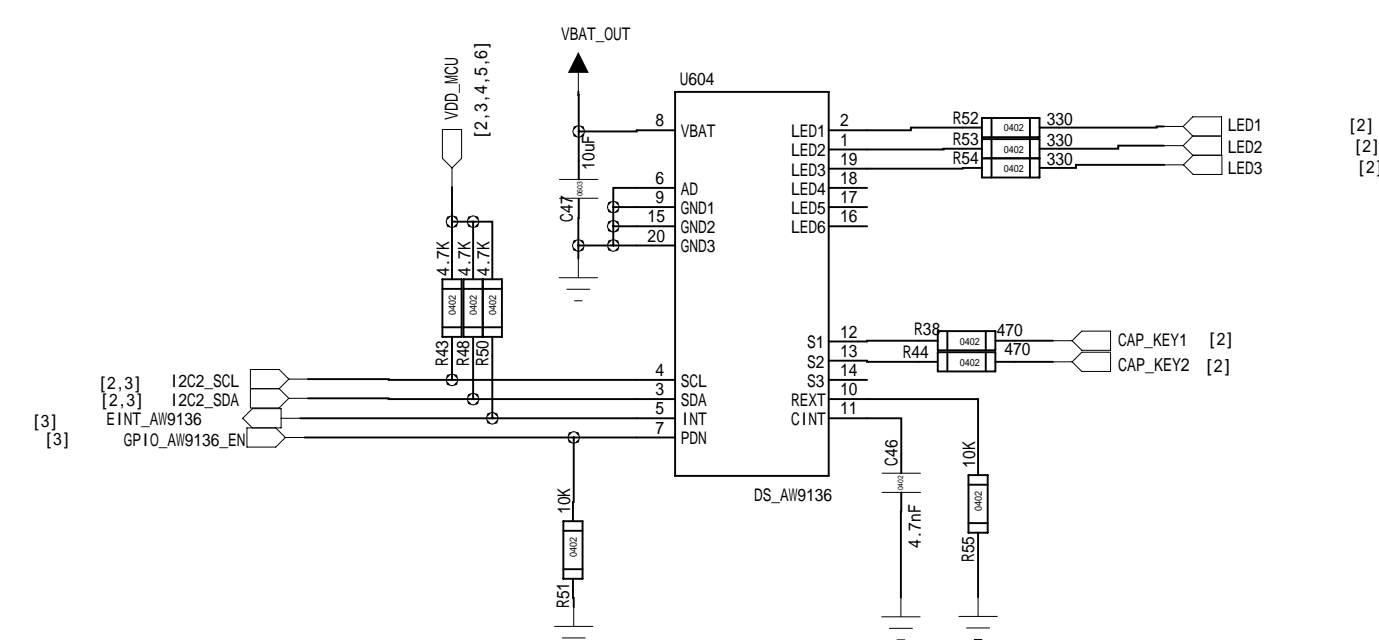
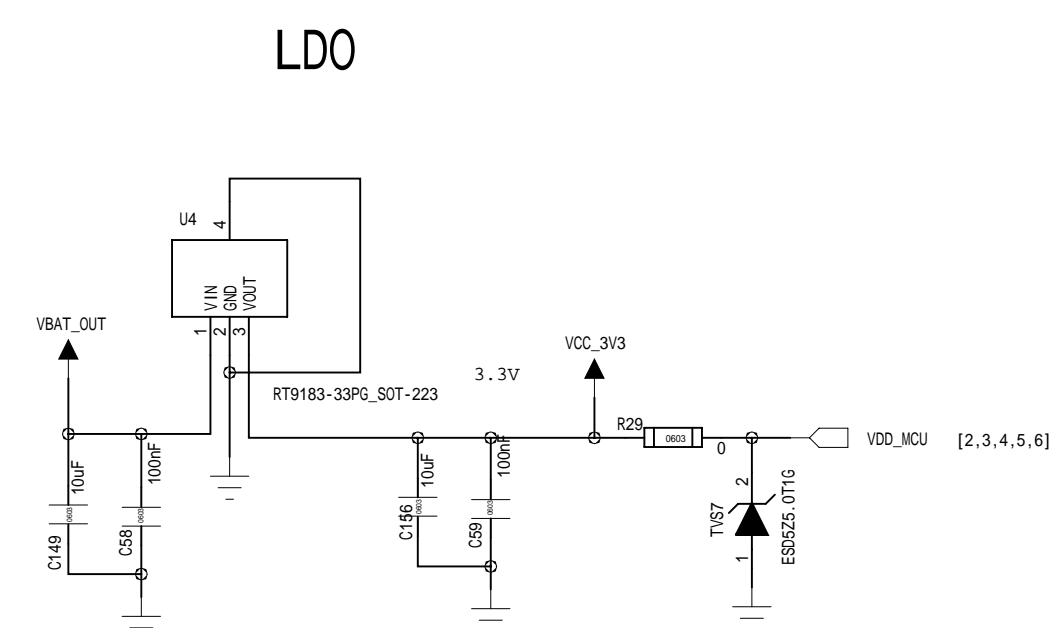
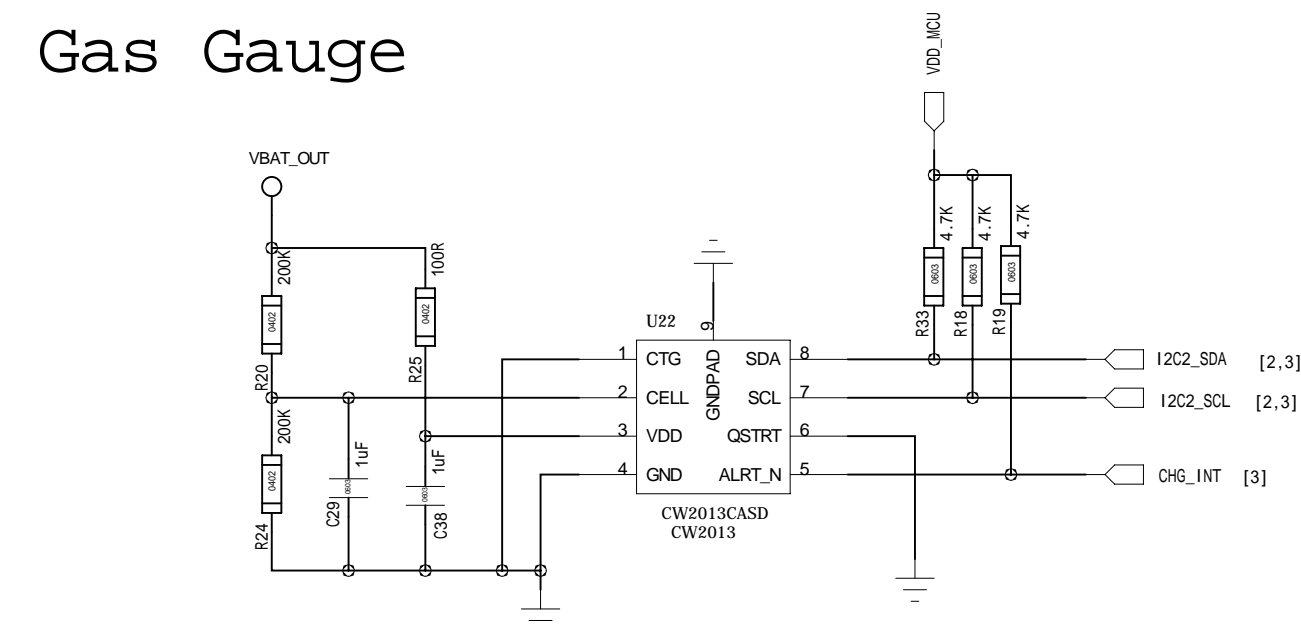
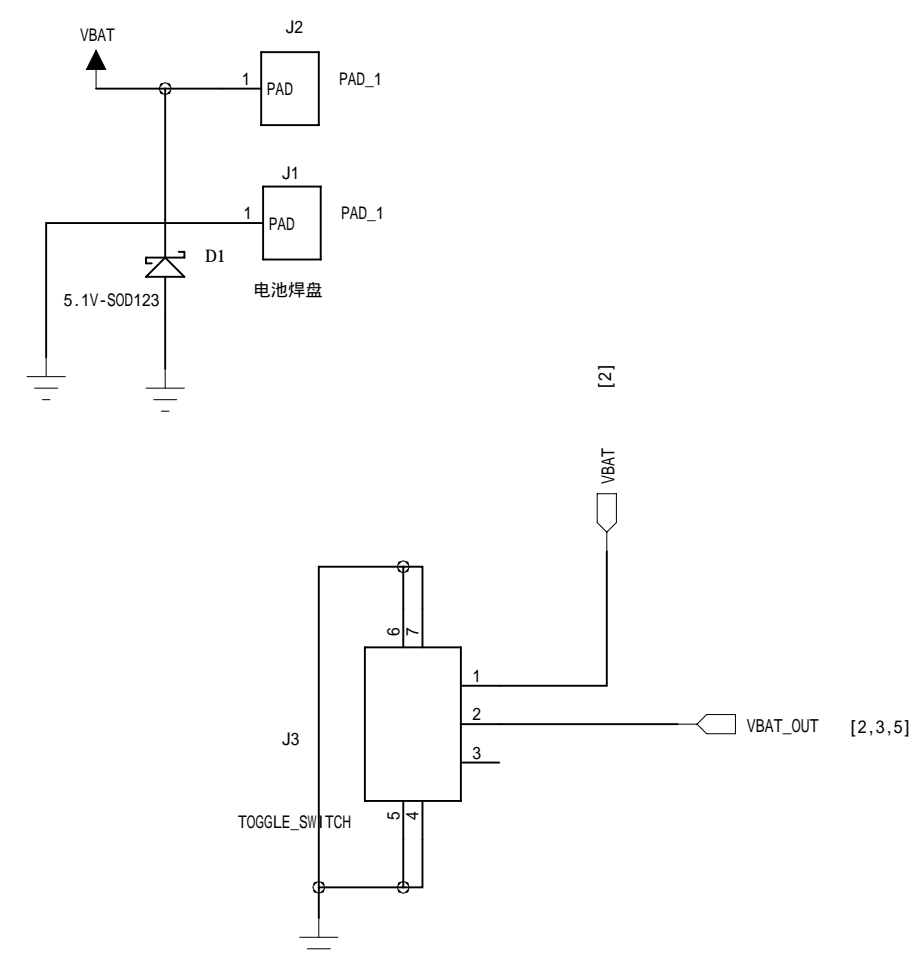
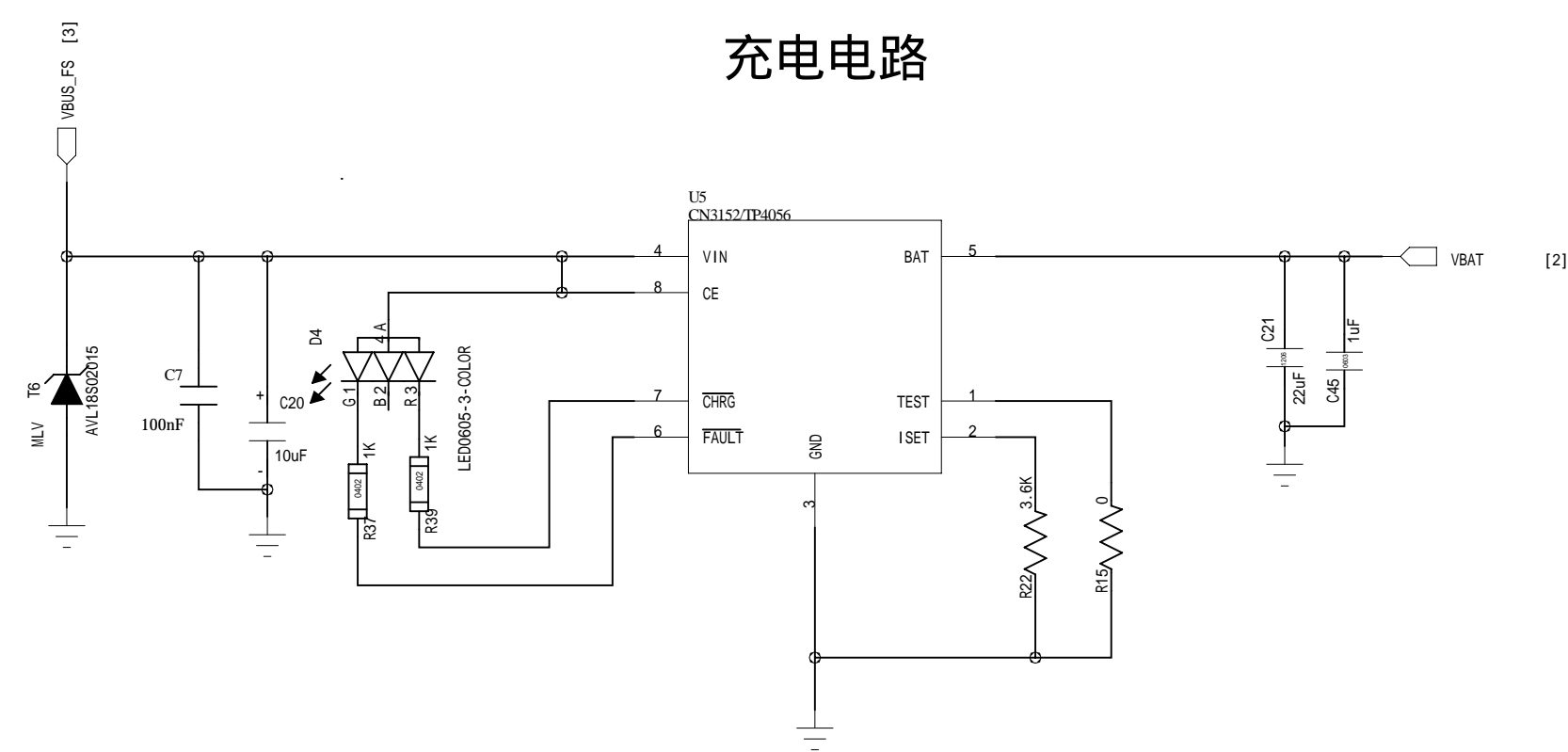


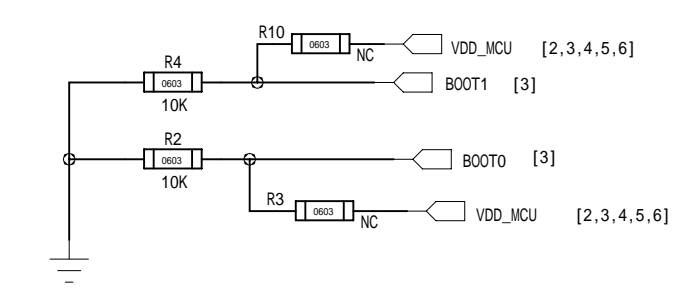
I2C1 : 加密芯片  
I2C2 : 电量计

UART1 : 调试串口  
UART2 : BLE

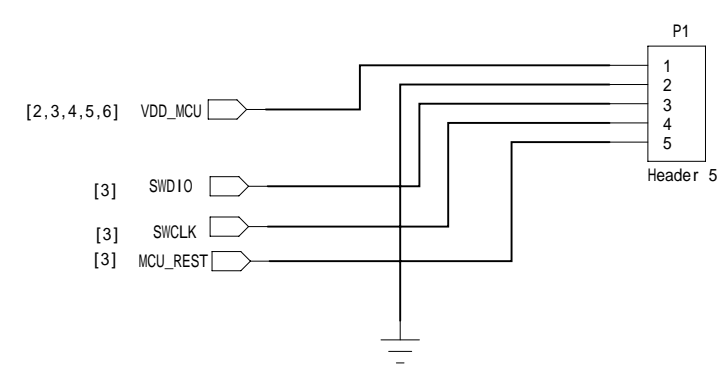


## 2个触摸按键/LED灯+1个物理按键

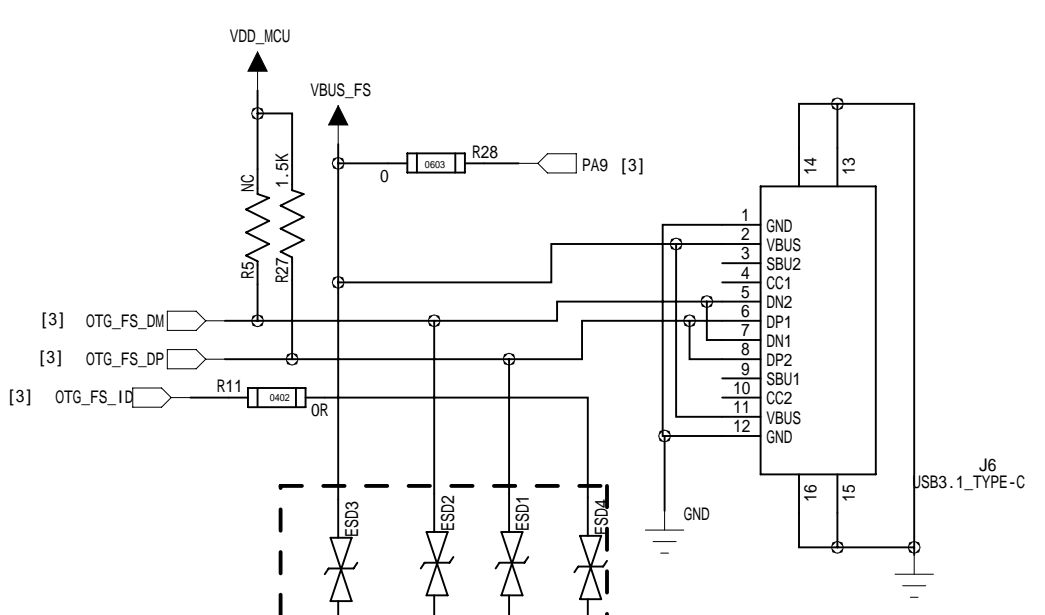
D



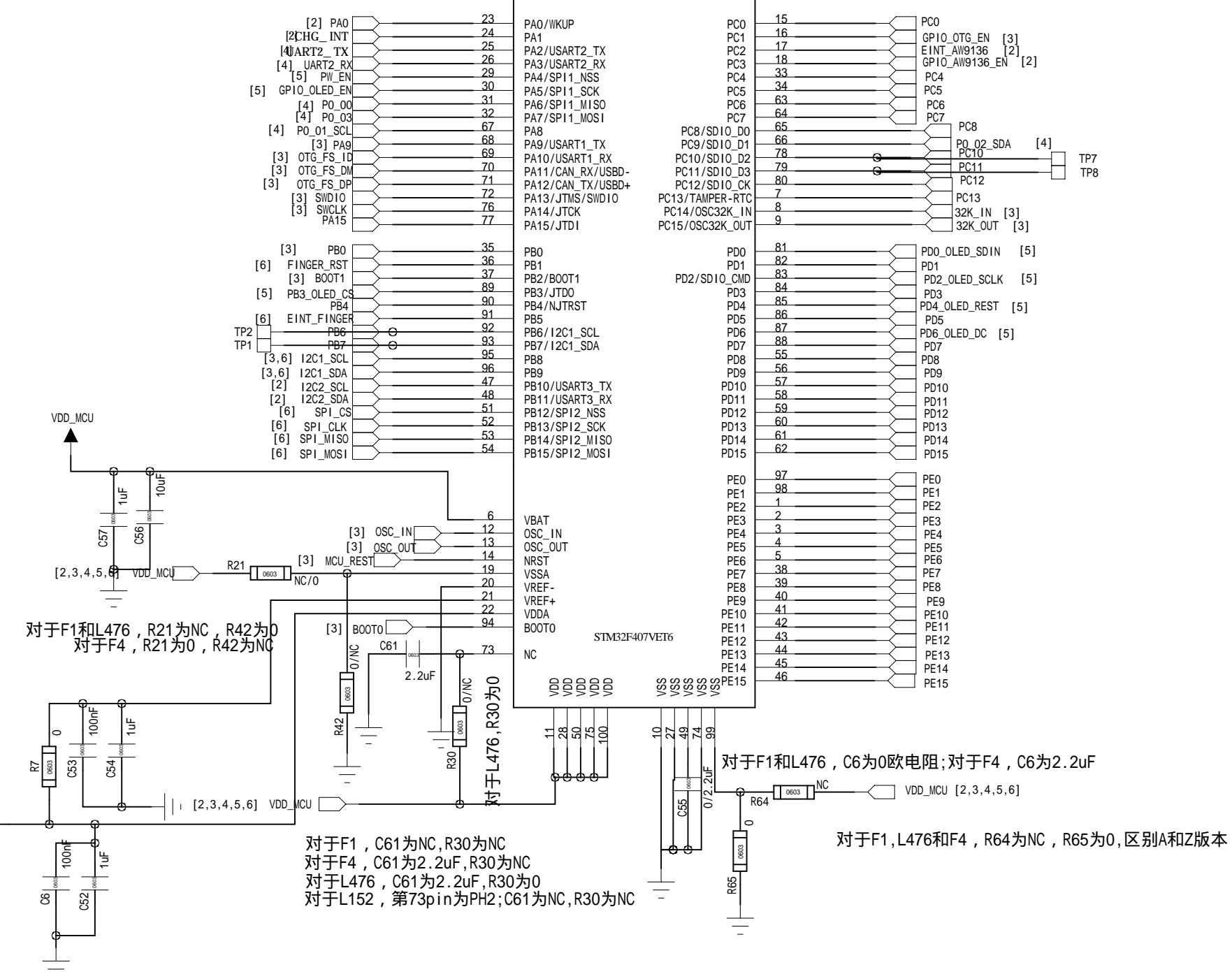
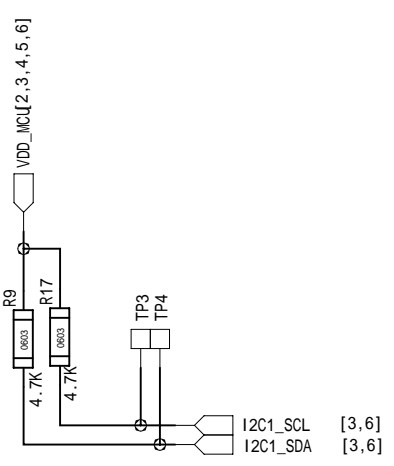
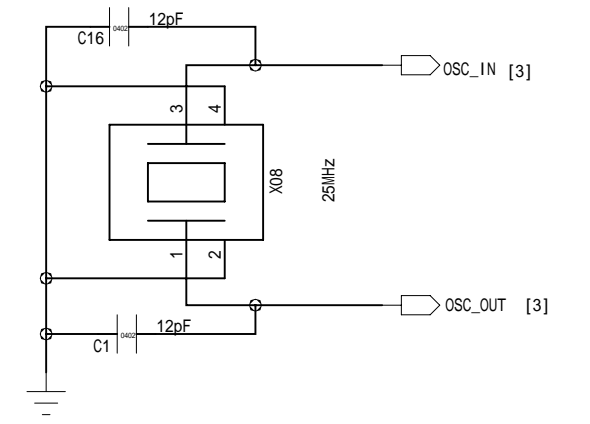
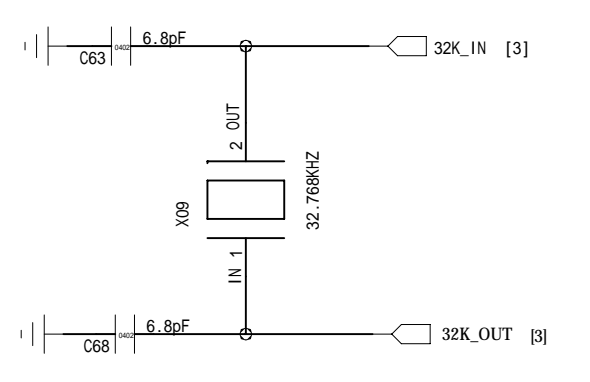
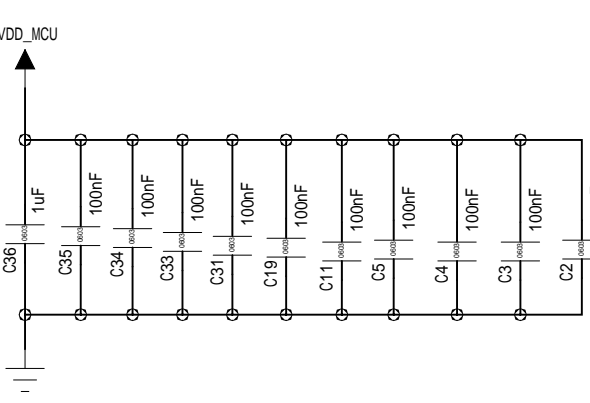
STM32\_SWD下载接口



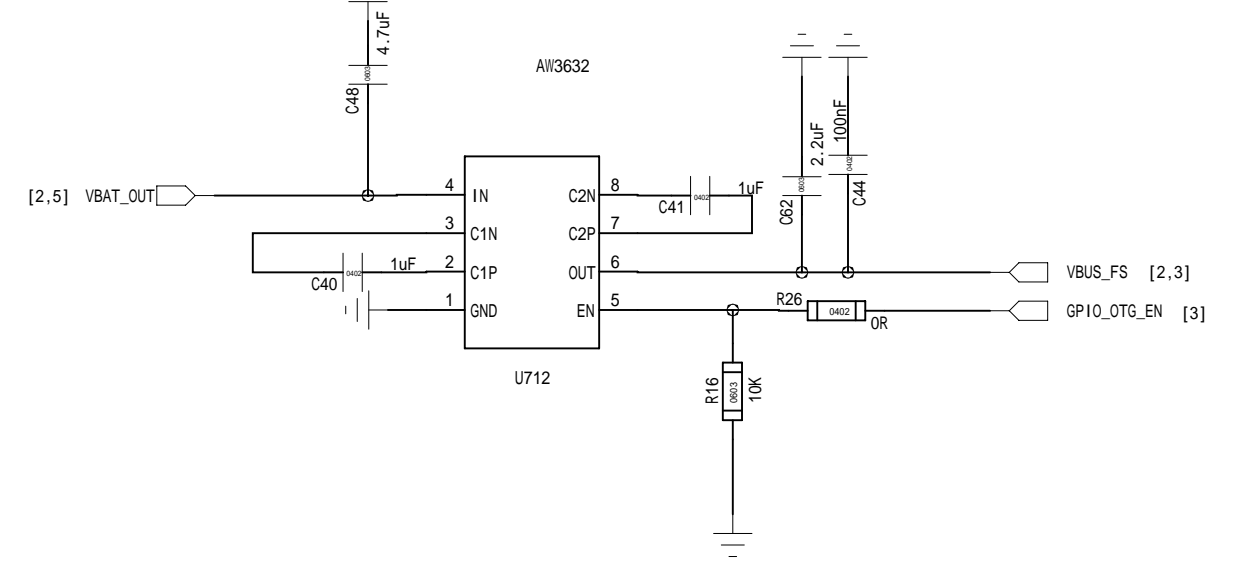
USB\_OTG\_FS接口



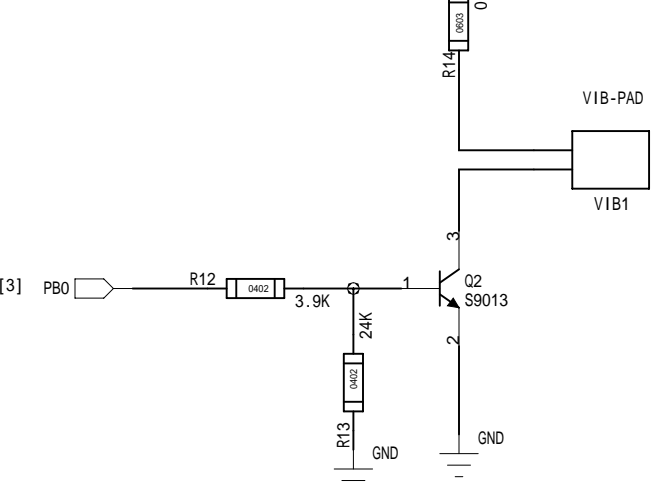
C



OTG



Áí 'i



I2C注意上拉电阻

F407 : I2S  
PC6 : I2S2\_MCK  
PB12/PC3/PI0/PB0-I2S2\_WS  
PB13/PI10/PI1-I2S2\_CK  
PB15/PI13 : I2S2\_SD  
PB14/PI2 : I2S2ext1\_SD  
  
PC7 : I2S3\_MCK  
PA15/PA4/PA15 : I2S3\_WS  
PB3/PC10 : I2S3\_CK  
PB5/PC12 : I2S3\_SD  
PC14/PC4 : I2S3ext1\_SD

CAN  
PA11/PB8/PD0: CAN1\_RX  
PA12/PB9/PD1: CAN1\_TX  
PB12/CAN2\_TX  
PB13/CAN2\_TX

UART  
PA9/PB6/USART1\_TX  
PA10/PB7/USART1\_RX  
  
PA2/PD5/USART2\_TX  
PA3/PD6/USART2\_RX  
  
PB10/PC10/PB8: USART3\_TX  
PB11/PC11/PB9: USART3\_RX  
  
PA0/PC10/UART4\_TX  
PA1/PC11/UART4\_RX  
  
PC12: UART5\_TX  
PD2/UART5\_RX  
  
PC6/PG14/USART6\_TX  
PC7/PC9/USART6\_RX

SPI  
PA4/PA15/SP1\_SS  
PA5/PB3/SP1\_SCK  
PA6/PB4/SP1\_MISO  
PA7/PB5/SP1\_MOSI  
  
PB9/PB12/SP12\_SS  
PB10/PB13/SP12\_SCK  
PB15/PC3/SP12\_MOSI  
PB14/PC2/SP12\_MISO  
  
PA4/PA15/SP13\_SS  
PB3/SP13\_SCK  
PB5/SP13\_MOSI  
PB4/SP13\_MISO

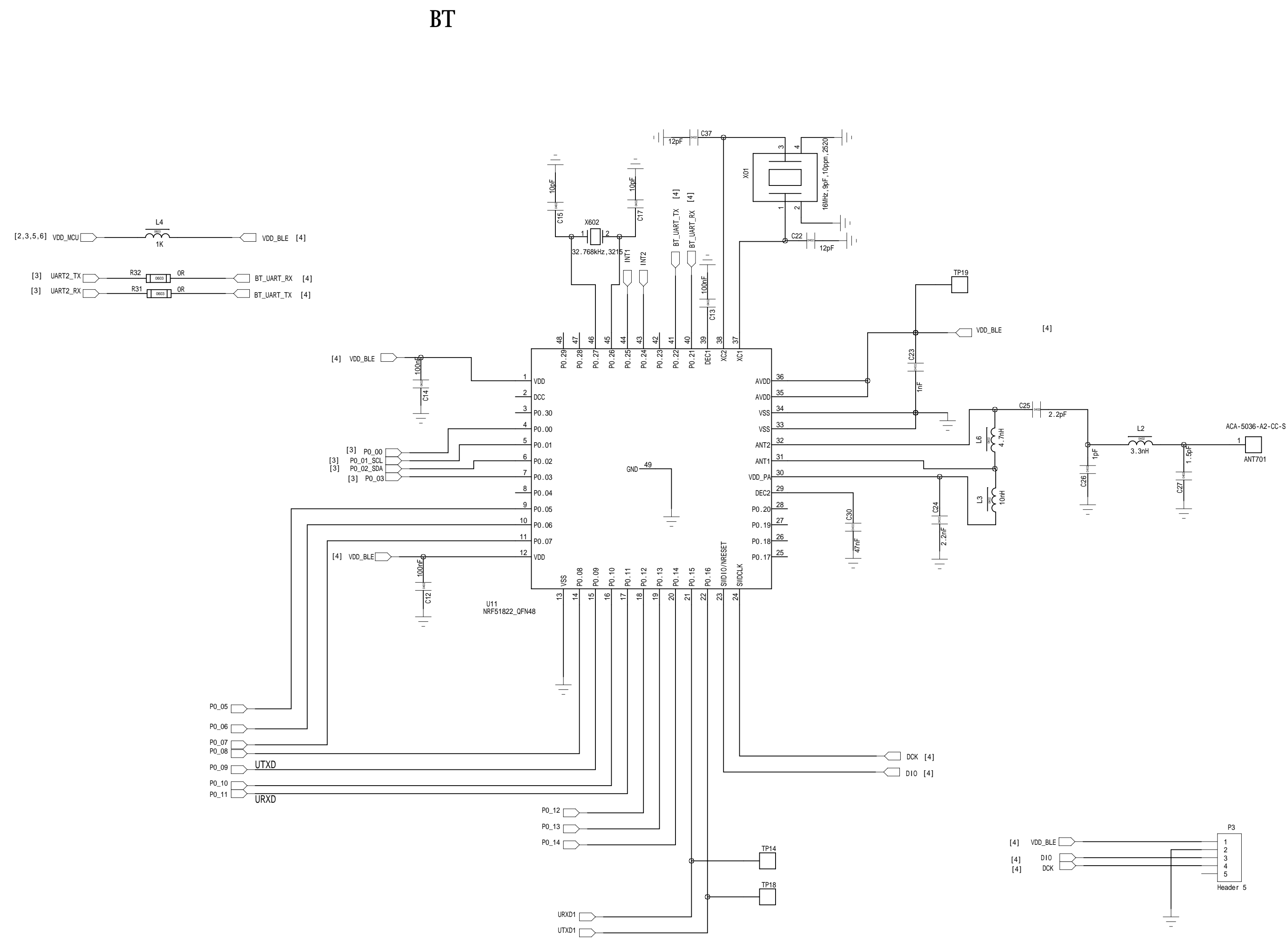
F103 : I2S  
PC6 : I2S2\_MCK  
PB12:I2S2\_WS  
PB13:I2S2\_CK  
PB15:I2S2\_SD  
PB14: I2S2ext1\_SD  
  
PC7 : I2S3\_MCK  
PA15 : I2S3\_WS  
PB3 : I2S3\_CK  
PB5 : I2S3\_SD

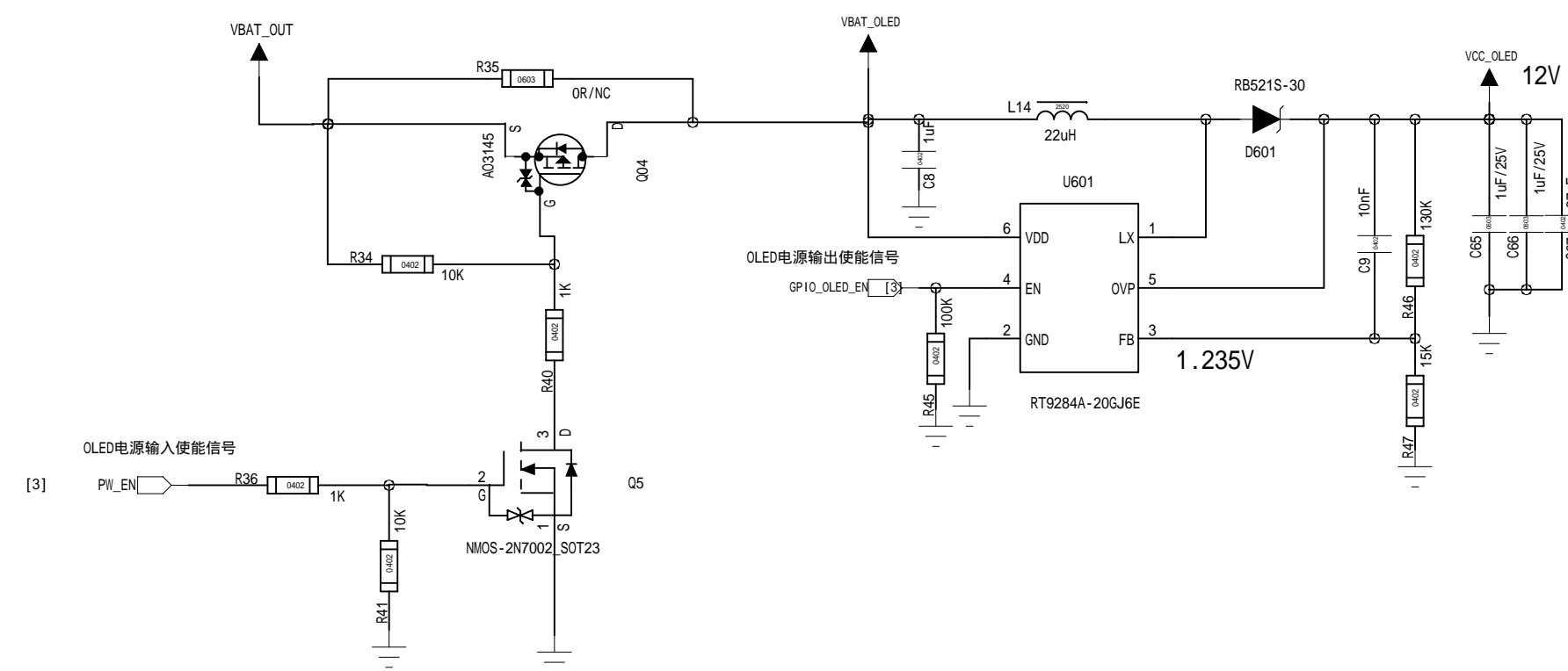
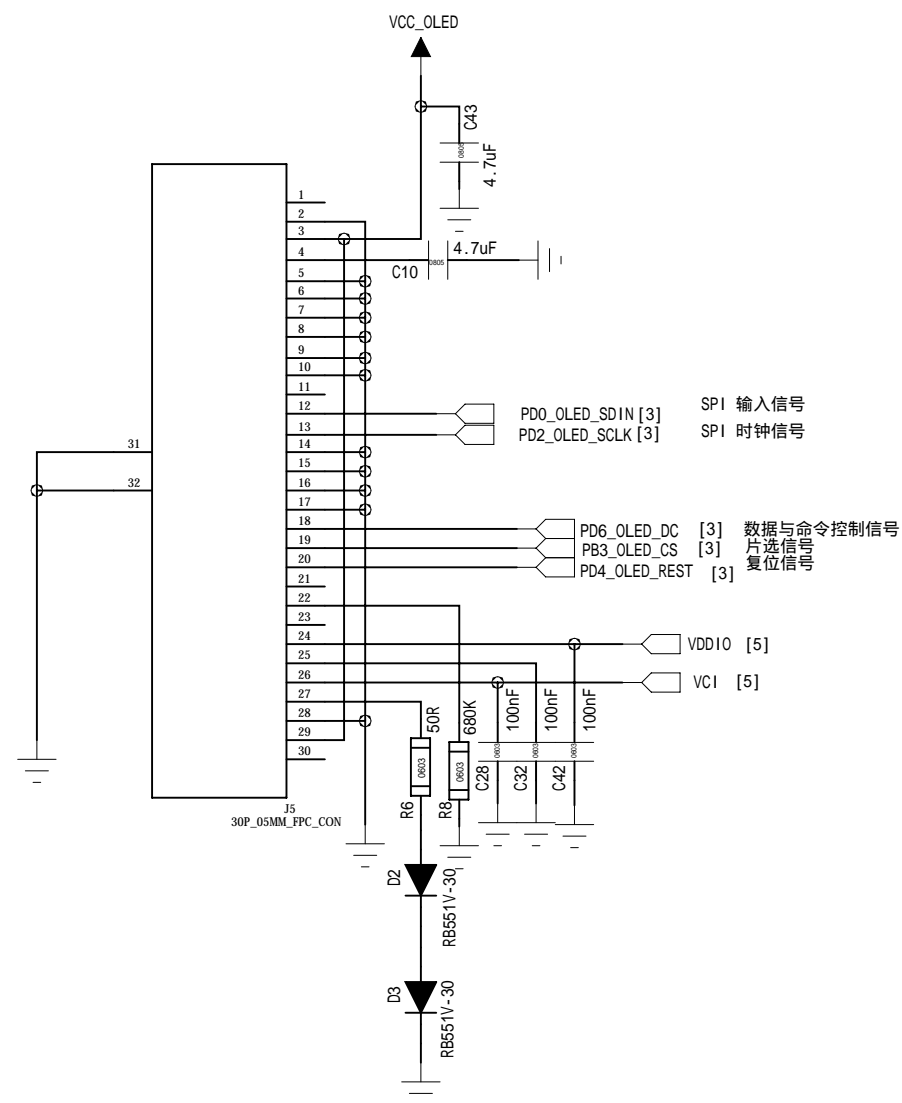
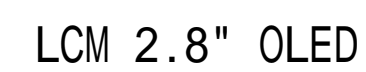
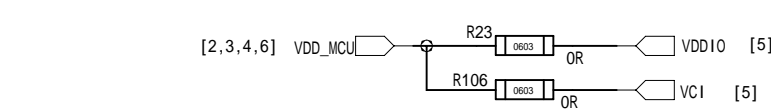
I2C  
PB6/PB8 : I2C1\_SCL  
PB7/PB9 : I2C1\_SDA  
PB10 : I2C2\_SCL  
PB11 : I2C2\_SDA  
PA8 : I2C3\_SCL  
PC9 : I2C3\_SDA

PA11 : USB\_DM  
PA12 : USB\_DP  
  
PA4 : DAC\_OUT1  
PA5 : DAC\_OUT2

A

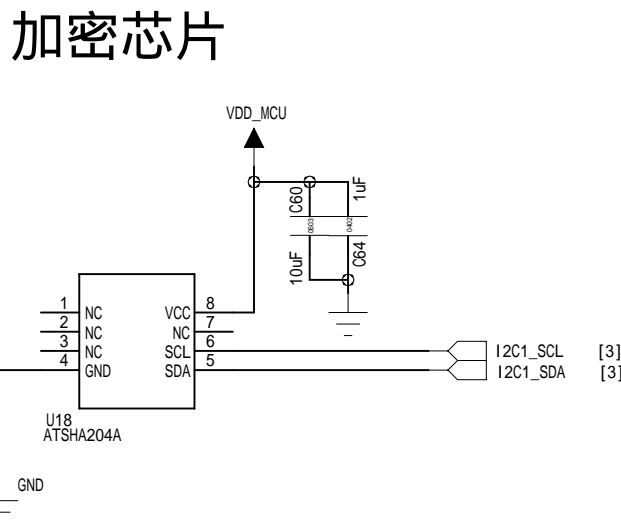
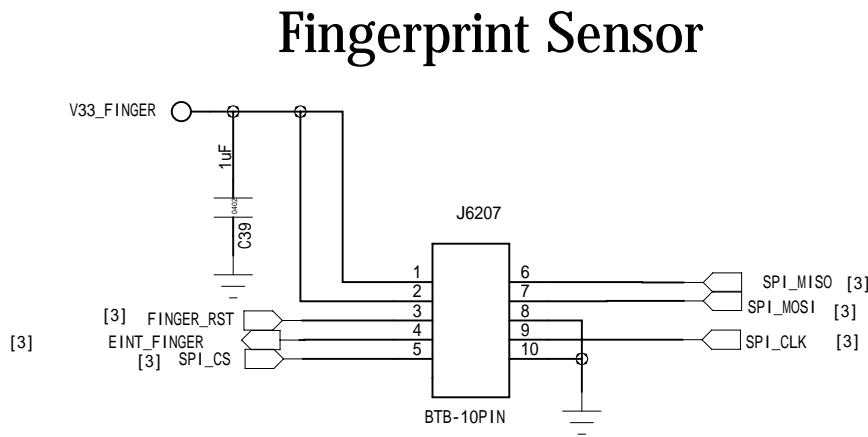
A





if U601 DNI,use 128\*64,Vfb=1.338V  
LCM internal DCDC  
R606:360K;R602:62K

8		7		6		5		4		3		2		1	
D															
C															
B															
A															



# CHANGE NOTES

V1.0.1

NO.	CR NO.	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		