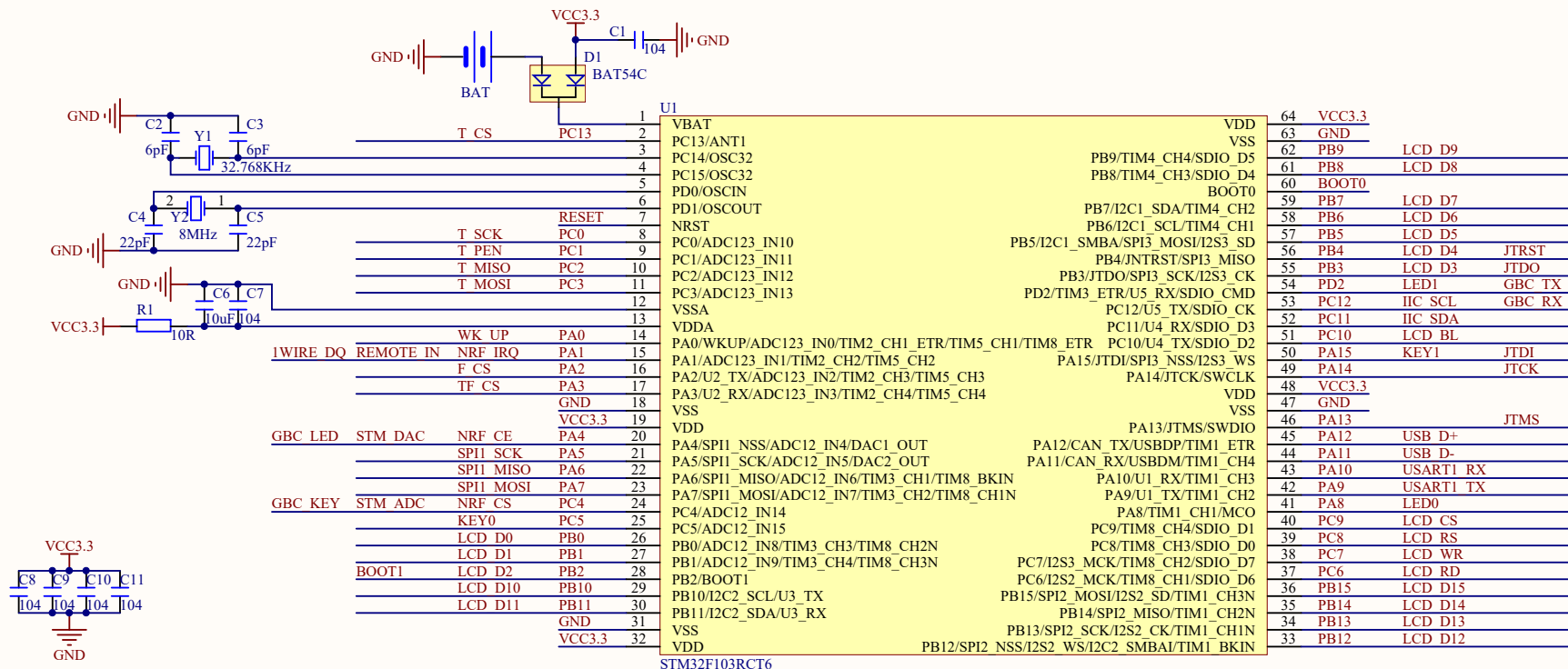
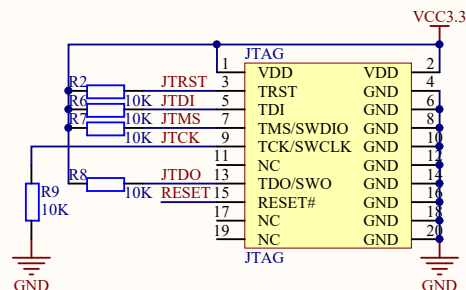


## MCU

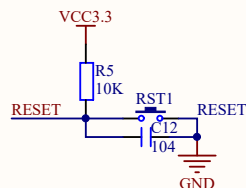


MCU电源去耦电容,必须尽量靠近MCU电源脚  
STM32F103RCT6总共有4组数字电源脚.  
这4个电容应该尽量靠近数字电源脚放置.

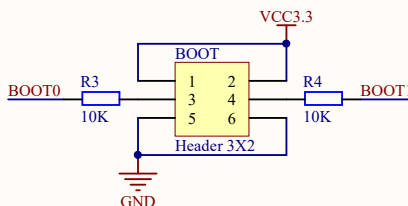
# JTAG/SWD



# RESET



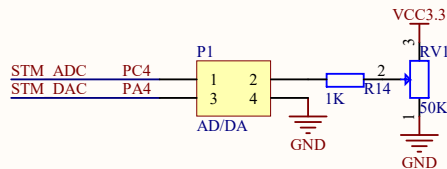
# BOOT



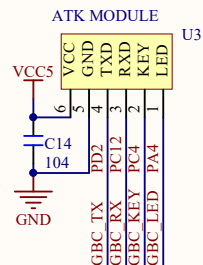
Title: ALIENTEK MiniSTM32F103 Board	
Author: ATOM	Size: SheetSize
Date: 2022/5/20	File: CORE.SchDoc
Revision: *	Version: V4.4



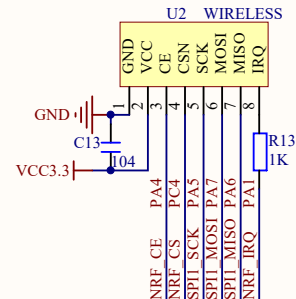
## ADC&DAC



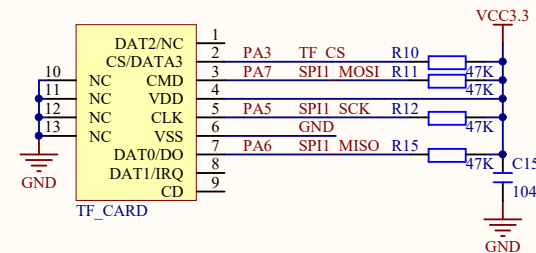
## ATK MODULE



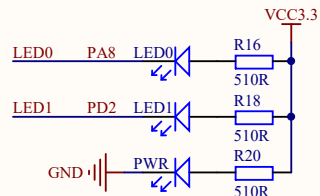
## WIRELESS



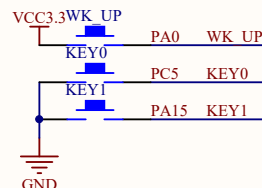
## TF CARD



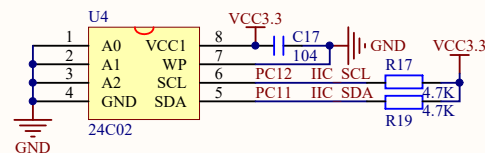
## LED



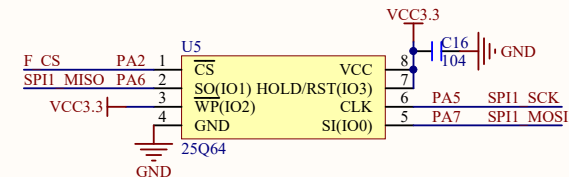
## KEY



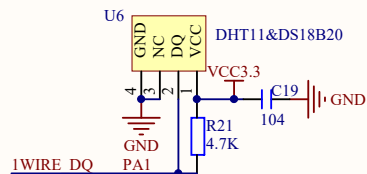
## EEPROM



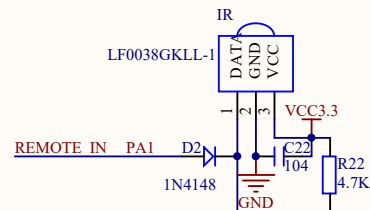
## SPI FLASH



## TEMP&HUMI SENSOR

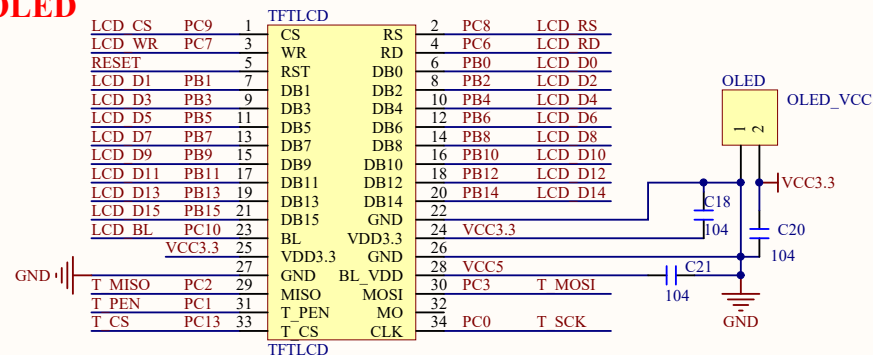


## REMOTE



注意：1N4148起到隔离IR和单总线接口的作用，必须加这个，否则单总线和IR必须使用两个独立的IO口，加入1N4148可以使得IR和1N4148使用同一个IO，而不容易互相干扰


## LCD&OLED



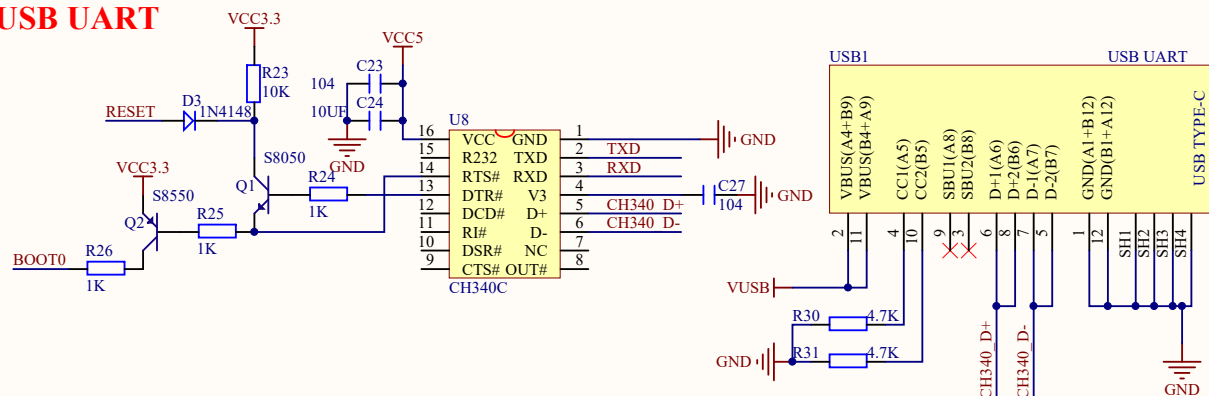
OLED\_VCC是为了使液晶屏接口兼容OLED模块而添加的1个2P座，用于给OLED供电。

OLED\_VCC的1脚(GND)挨着LCD\_RS  
OLED\_VCC的2脚(VCC3.3)挨着LCD\_CS

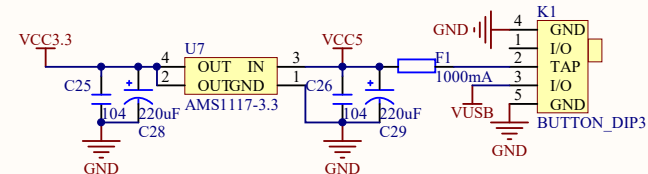
OLED\_VCC + TFTLCD组成一个2\*18P的排座！

Title: ALIENTEK MiniSTM32F103 Board		 正点原子
Author: ATOM	Size: SheetSize	
Date: 2022/5/20	File: DEVICE.SchDoc	
Revision:	Version: V4.4	

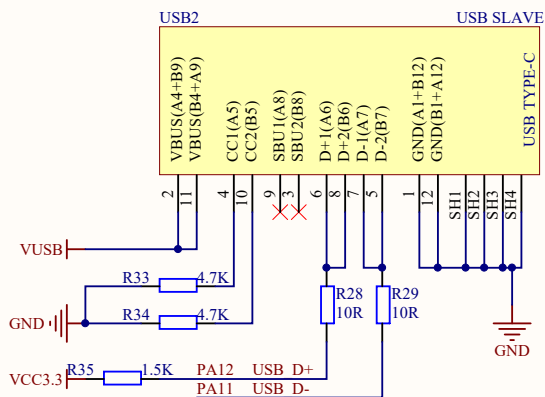
## USB UART



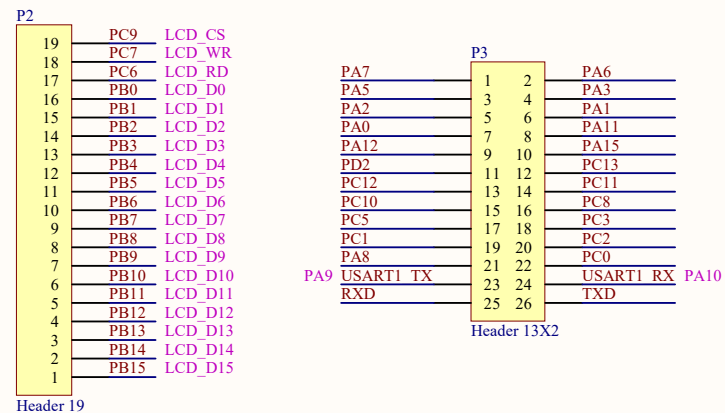
## LDO



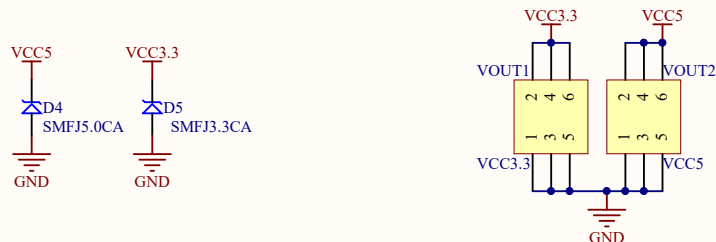
## USB SLAVE



## EXTEND I/O



## ON BOARD POWER SOURCE



Title: ALIENTEK MiniSTM32F103 Board  
 Author: ATOM  
 Date: 2022/5/20  
 Revision: V4.4  
 Size: SheetSize  
 File: POWER.SchDoc  
 Version: V4.4



