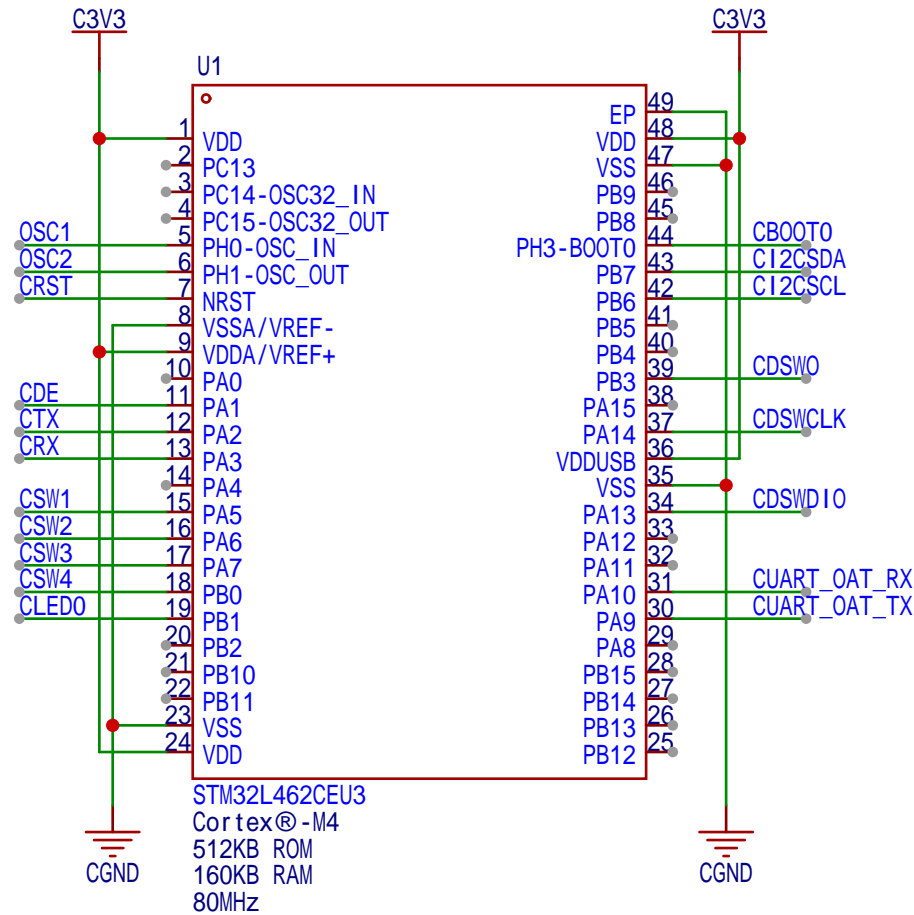
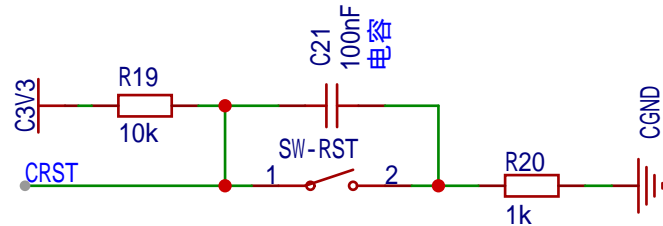


CPU

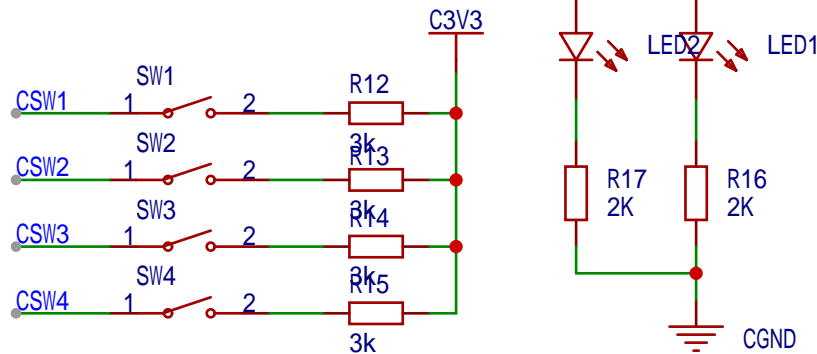


功能与芯片引脚对应表	
CDE	PA1
CTX	PA2
CRX	PA3
CSW1	PA5
CSW2	PA6
CSW3	PA7
CSW4	PB0
CLEDO	PB1
C12CSDA	PB7
C12CSCL	PB6
CUART_OAT_RX	PA10
CUART_OAT_TX	PA9

复位按钮



按钮和LED



串口下载程序选项

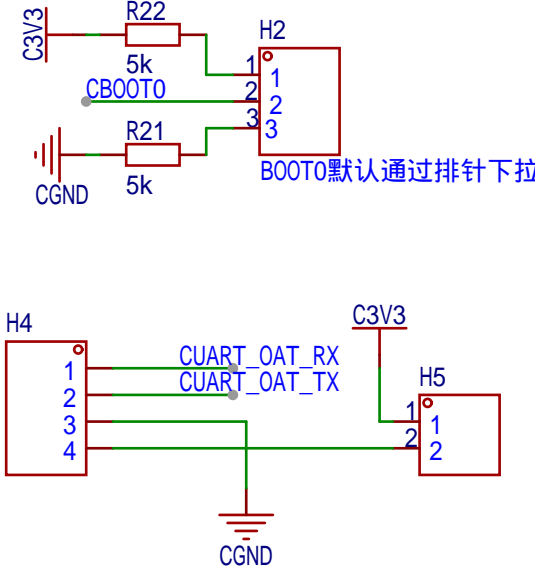
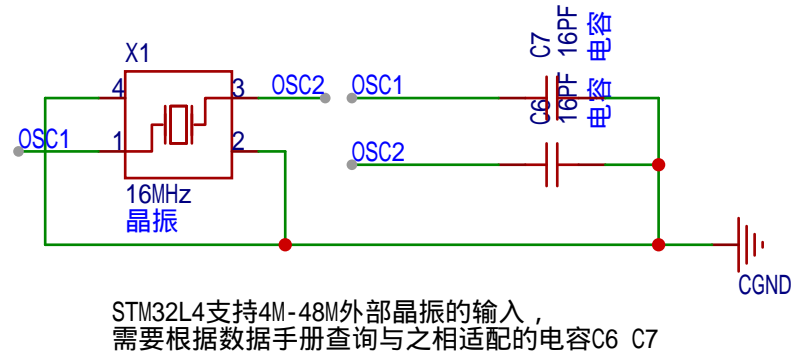


Table 6. Boot modes					
nBOOT1 FLASH_OPTR[23]	nBOOT0 FLASH_OPTR[27]	BOOT0 pin PH3	nSWBOOT0 FLASH_OPTR[26]	Main Flash empty ⁽¹⁾	Boot Memory Space Alias
X	X	0	1	0	Main Flash memory is selected as boot area
X	X	0	1	1	System memory is selected as boot area
X	1	X	0	X	Main Flash memory is selected as boot area
0	X	1	1	X	Embedded SRAM1 is selected as boot area
0	0	X	0	X	Embedded SRAM1 is selected as boot area
1	X	1	1	X	System memory is selected as boot area
1	0	X	0	X	System memory is selected as boot area

1. A Flash empty check mechanism is implemented to force the boot from system Flash if the first Flash memory location is not programmed (0xFFFF FFFF) and if the boot selection was configured to boot from the main Flash.

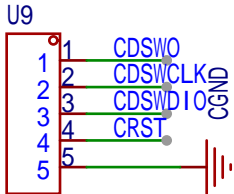
根据STM32L462参考手册，芯片启动可通过BOOT0引脚和FLASH_OPTR寄存器部分位选择启动方式，所以可以通过启动到芯片内置系统存储区后上位机直接通过串口下载程序到芯片，而开发时也可以通过此串口输出调试信息。

16MHz主控晶振



STM32L4支持4M-48M外部晶振的输入，需要根据数据手册查询与之相适应的电容C6 C7

调试接口



1-3引脚使用三线SW模式进行调试，第四引脚为复位线，用于仿真器发送硬件复位信号，第五引脚为地线。

隔离光耦

