

keil5安装流程 221024

下载课程资源

全部文件 > 《嵌入式系统》软件工具				
文件名	大小	创建者	创建日期	操作
Keil MDK V5注册机.zip	41KB	黄建昌	09-03 12:32	
MDK软件.7z	334MB	黄建昌	08-31 14:27	下载 保存到云盘
芯片包.7z	309MB	黄建昌	08-31 14:27	

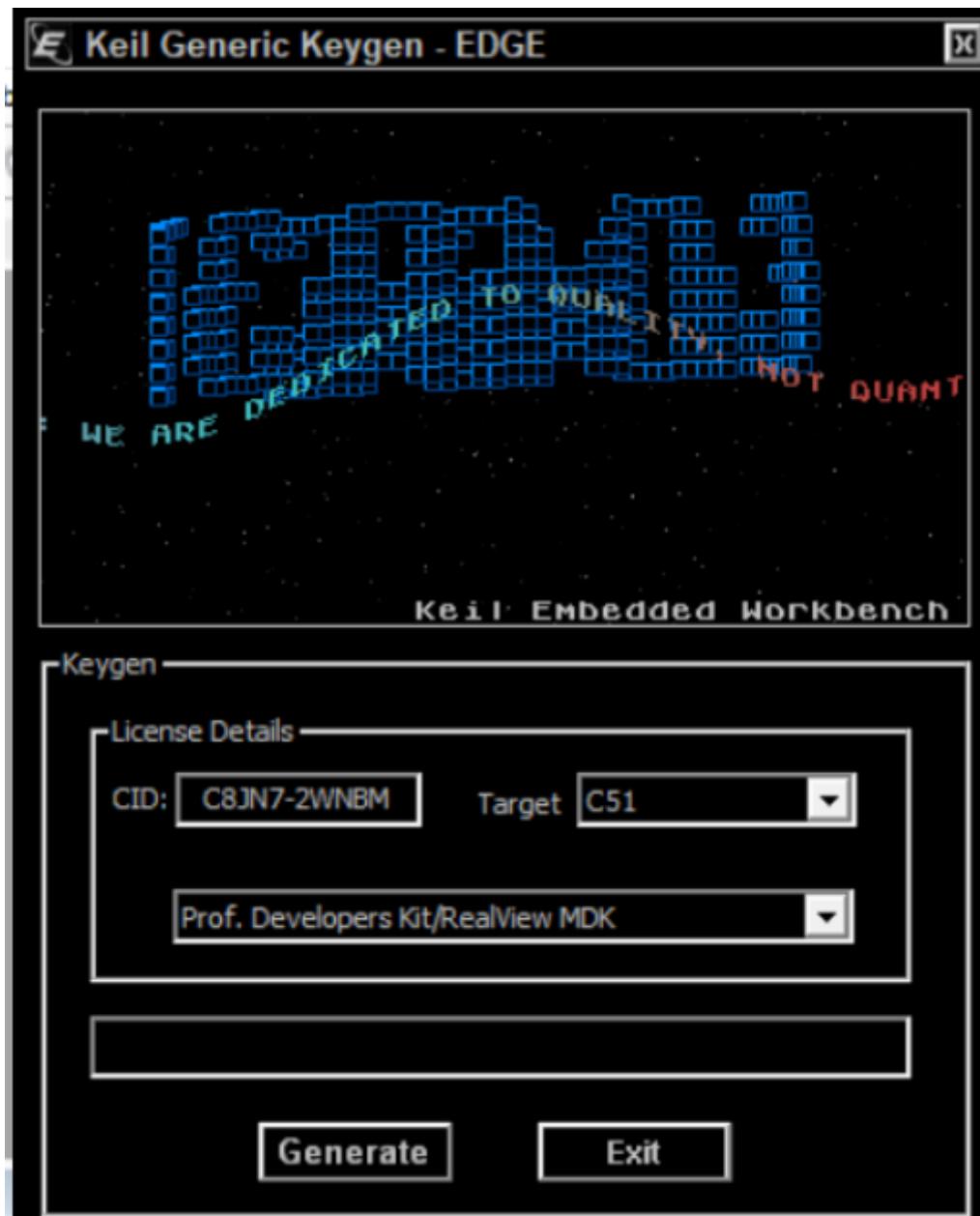
【固件库】STM32F10x_StdPe.zip	2022/10/24 9:14	WinRAR ZIP 压缩...	21,846 KB
Keil MDK V5注册机.zip	2022/10/24 9:13	WinRAR ZIP 压缩...	41 KB
MDK软件.7z	2022/10/24 9:16	WinRAR 压缩文件	341,820 KB
芯片包.7z	2022/10/24 9:15	WinRAR 压缩文件	316,170 KB

详细步骤

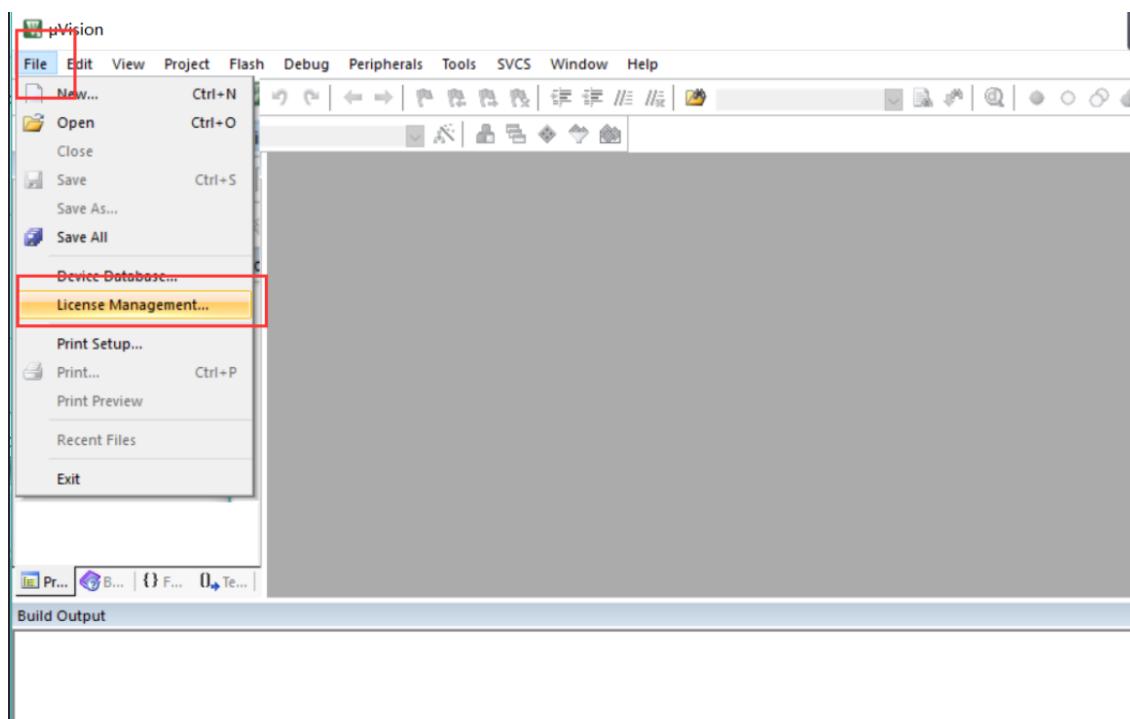
- 解压MKD软件.7z 管理员运行mkd515.exe, 无脑下一步, **安装路径不能出现中文**

keil5破解

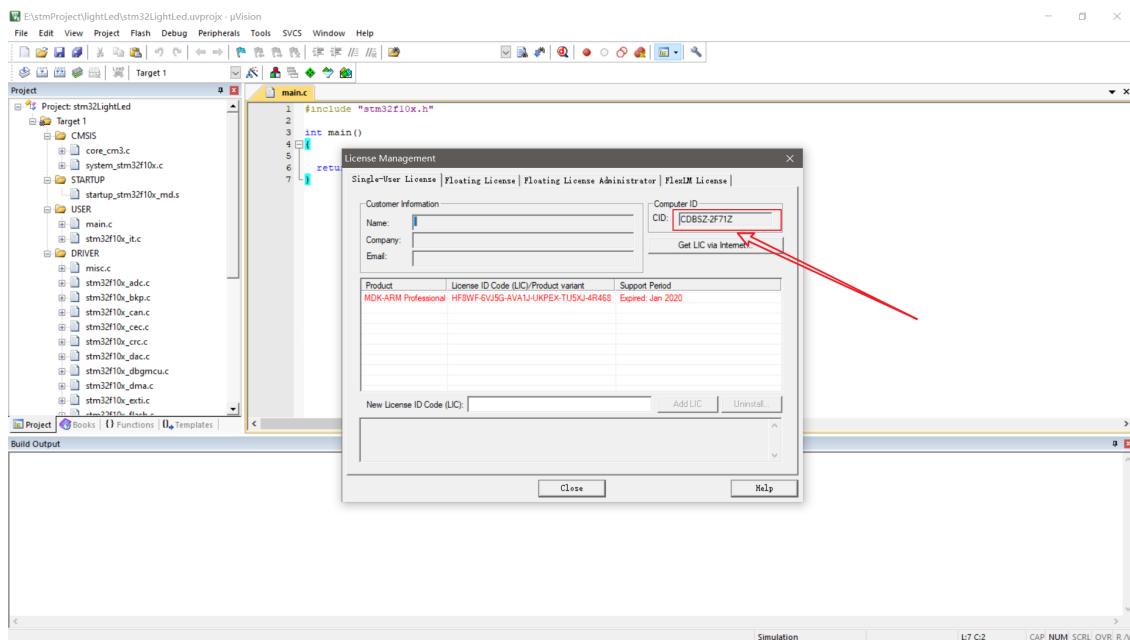
- 解压注册机.zip, 管理员运行**keil5 MDk v5注册机**



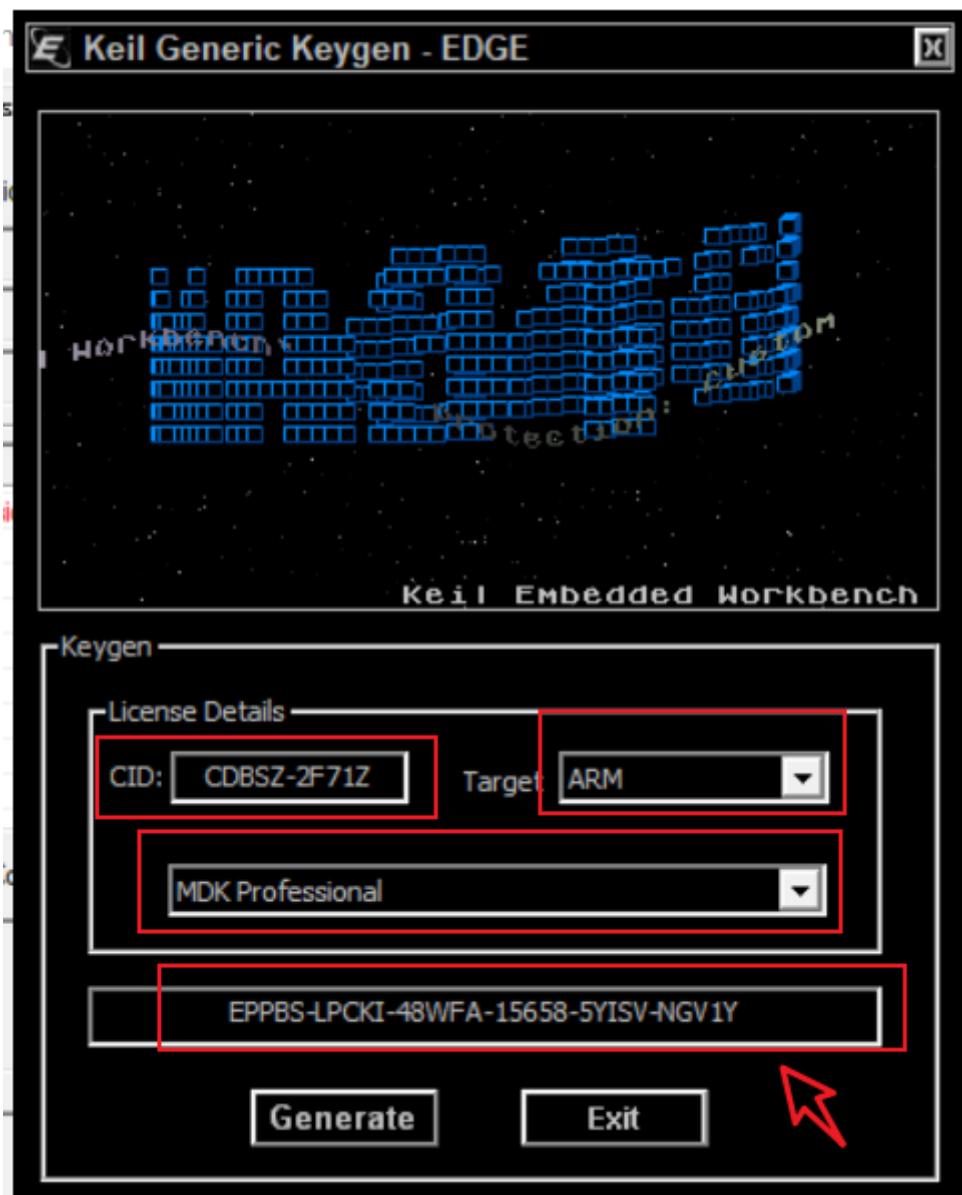
- 打开Keil uVision5，点击“File”，选择“License Management”,进入安装密钥



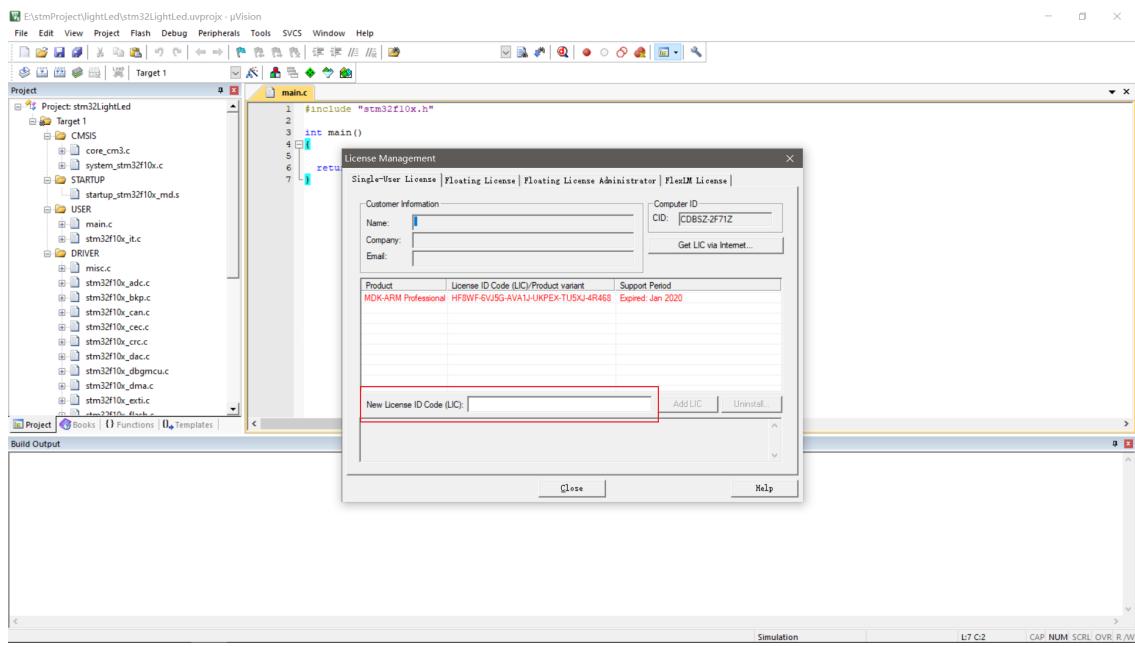
- 复制红色框的序列号



- 将序列号填入 keil5 mdk v5,设置 ARM 和 MDK Professional,点击 Generate ,复制 红色箭头指向的安装密钥



- 将复制的安装密钥 粘贴到如图所示 点击Add LIC ,出现Expired 2020(颜色可能不同), 即为注册成功



安装芯片包

解压芯片包.7z 双击运行(两个)即可

Keil.STM32F1... 50,644,337 323,757,3... uVision Software ... 2015/9/10 9:32 DE2EE70C
Keil.STM32F4x... 316,050,8... ? uVision Software ... 2015/9/10 9:42 36632A01

创建stm32项目

以我电脑为例

创建一个文件夹 **stmProject** 用于存放stm项目. 图示lightLed为创建的项目, STM32F10x_StdPe 为**固件库**STM32F10x_StdPe.zip解压后的文件



stm32f10x_stdpe文件夹包含文件为

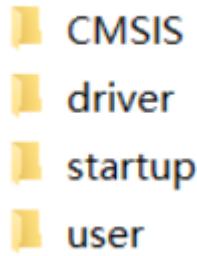


在 **你创建项目名字的文件夹下**(我创建的项目名称是lightLed,所以我在lightLed下) 进行以下操作

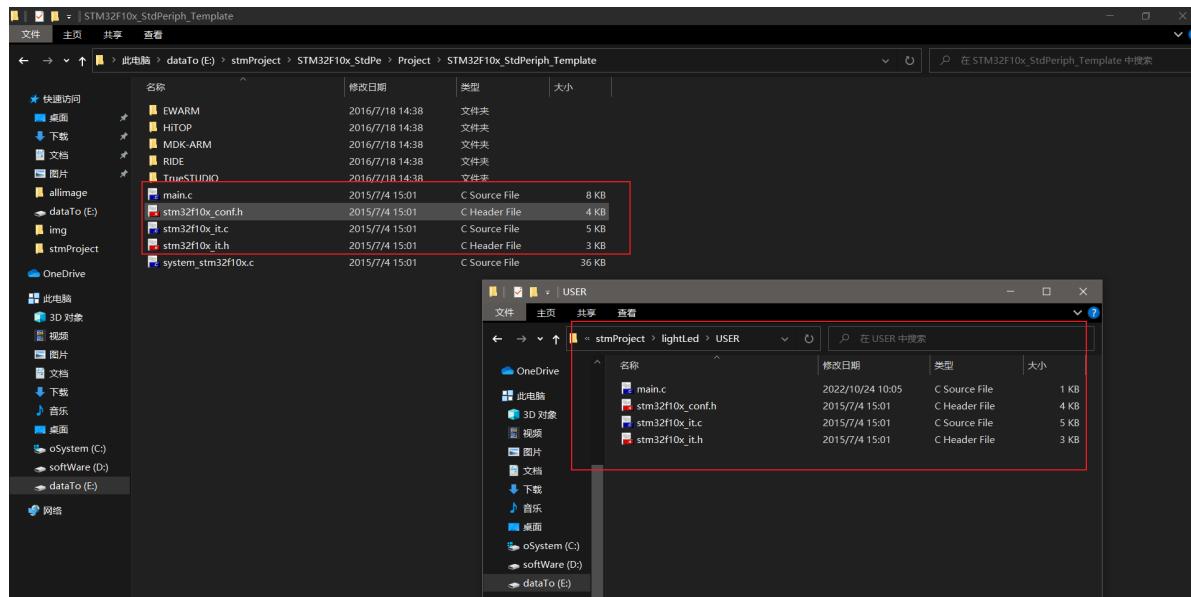
创建五个文件夹 (doc什么的就省略了)

- CMSIS 微控制器软件接口标准, 主要是关于内核
- driver 外设驱动
- startup 启动文件
- user 放置自己编写的文件, 比如main.c

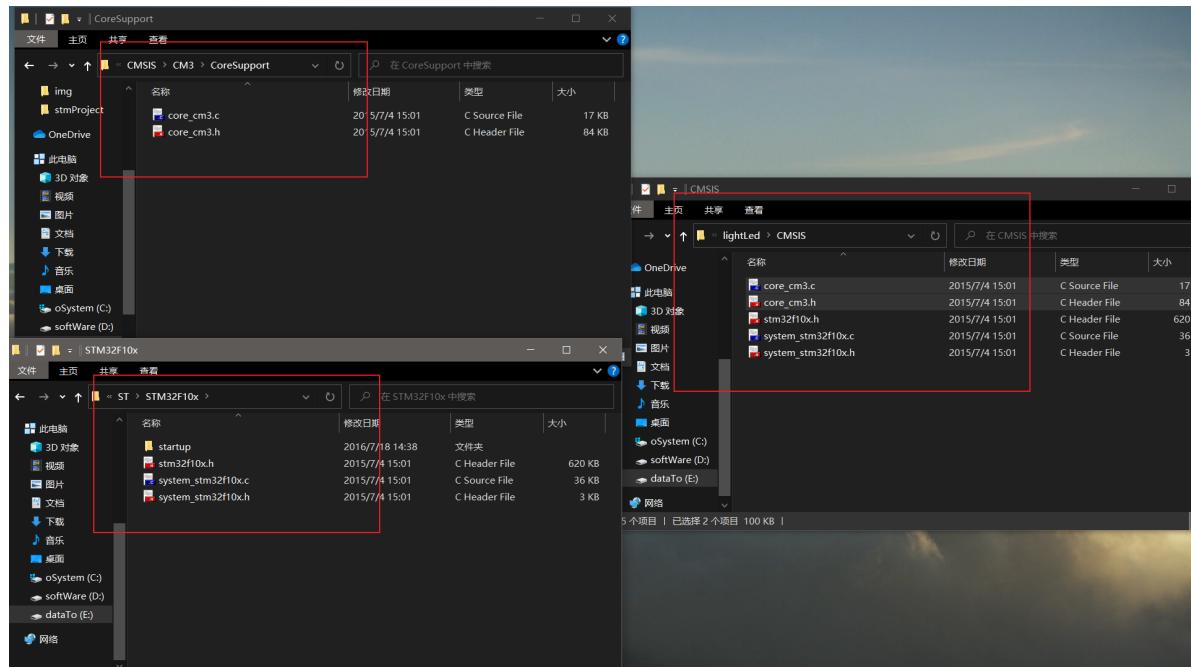
如图



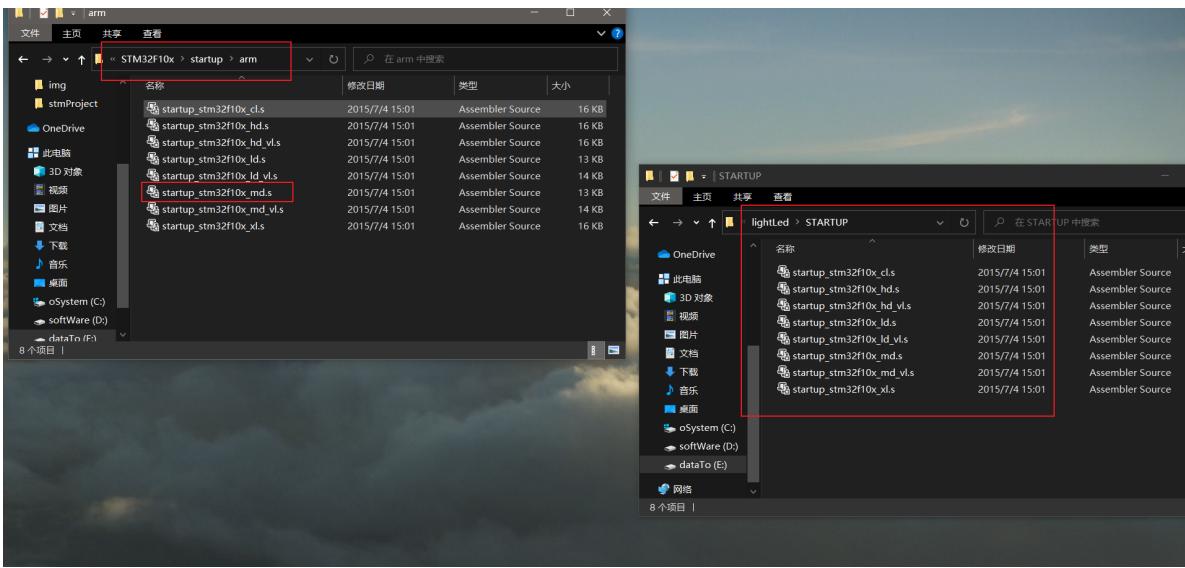
将固件库目录STM32F10x_StdPe\Project\STM32F10x_StdPeriph_Template下的四个文件复制到user文件夹中去，如图所示：



然后将固件库中的CoreSupport下的文件，以及STM32F10x下的三个文件复制到自己创建的CMSIS中，具体地址如图所示

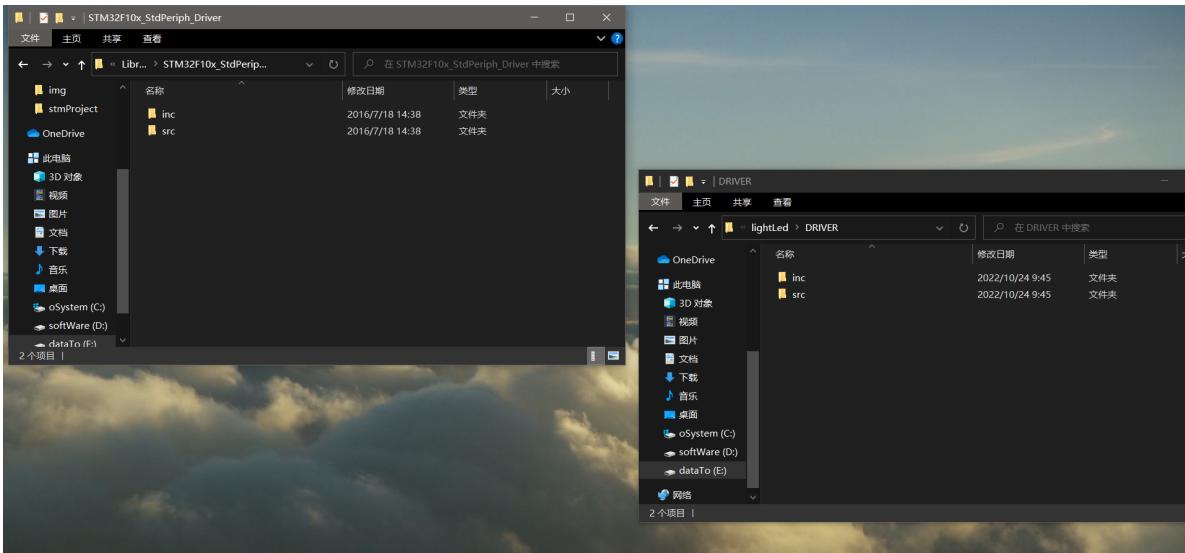


再将arm目录下的文件复制到自己创建的startup文件中，目录如图文件夹所示：



最后将STM32F10x_StdPeriph_Driver中的两个文件夹inc与src复制到自己创建的driver中。目录如果所示：

本机演示(STM32F10x_StdPe\Libraries\STM32F10x_StdPeriph_Driver)路径

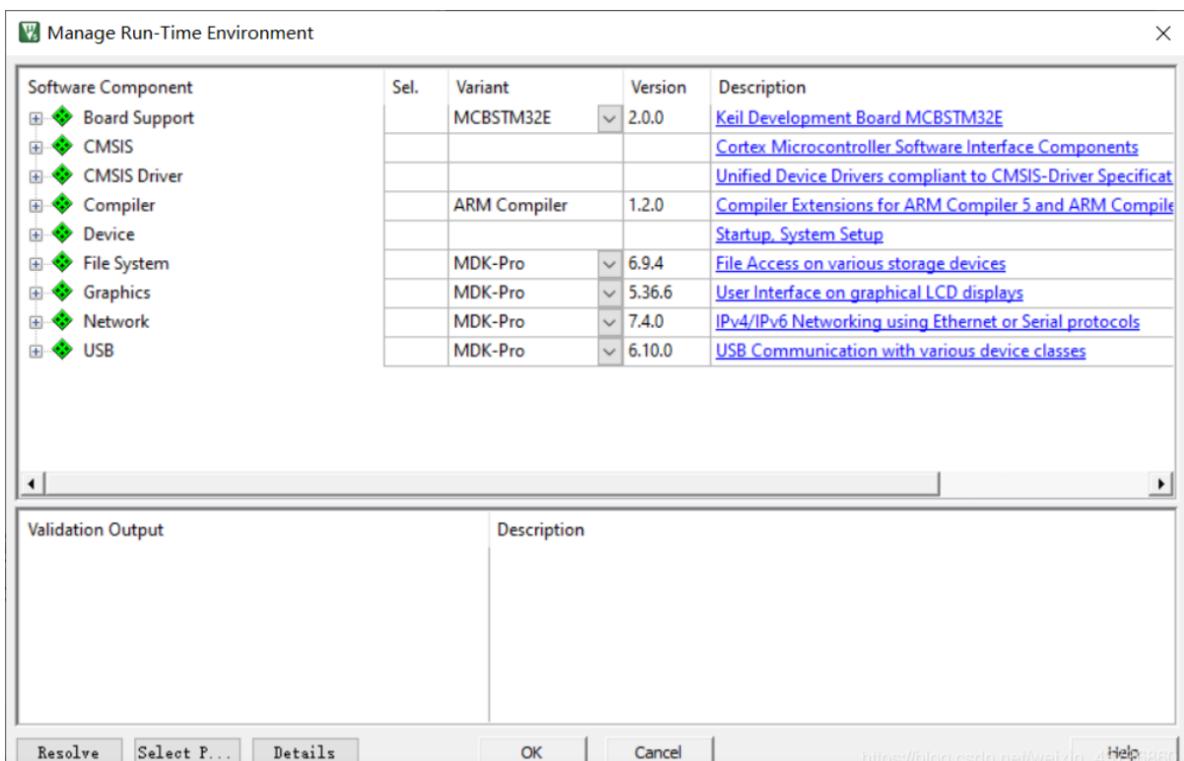
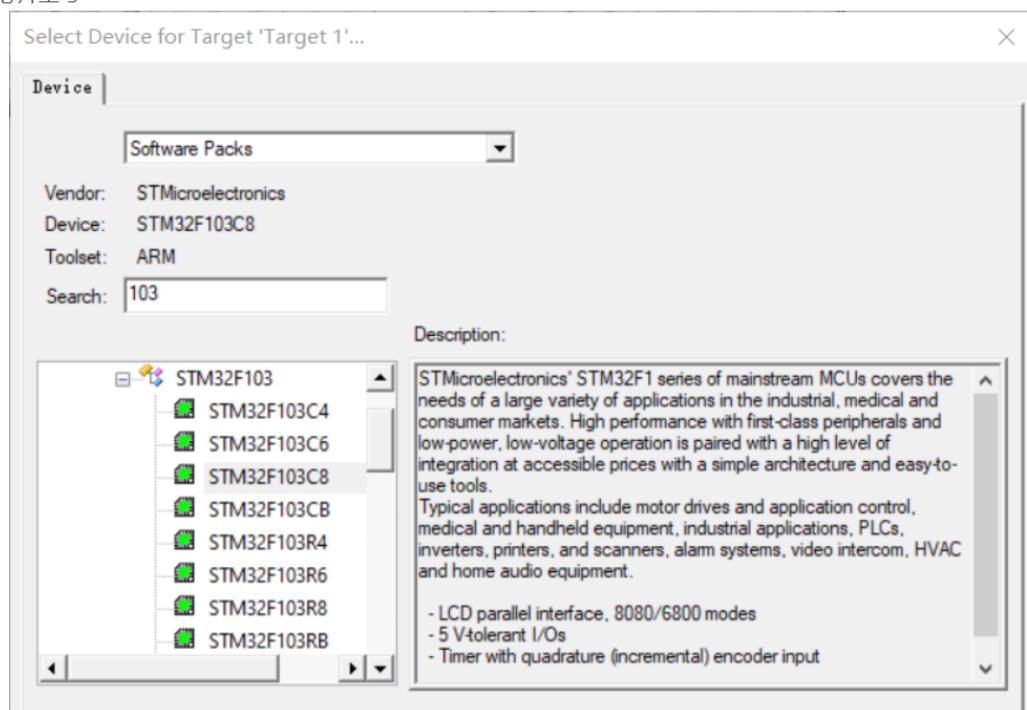


使用keil5将文件引入

文件已经复制完毕现在去keil创建属于自己的工程。在工具栏中点击Project->new uVision project创建工程。将工程保存在之前创建的工程文件下(本机lightLed)，此文件夹下还有之前创建的四个文件夹，并给自己的工程起名。

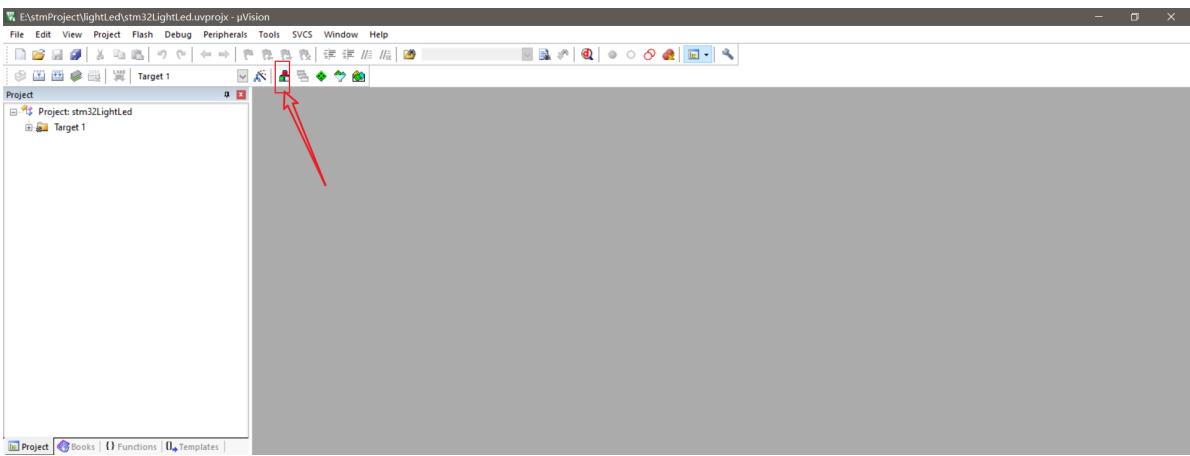
选择芯片 STM32F103RC

选择自己的芯片型号

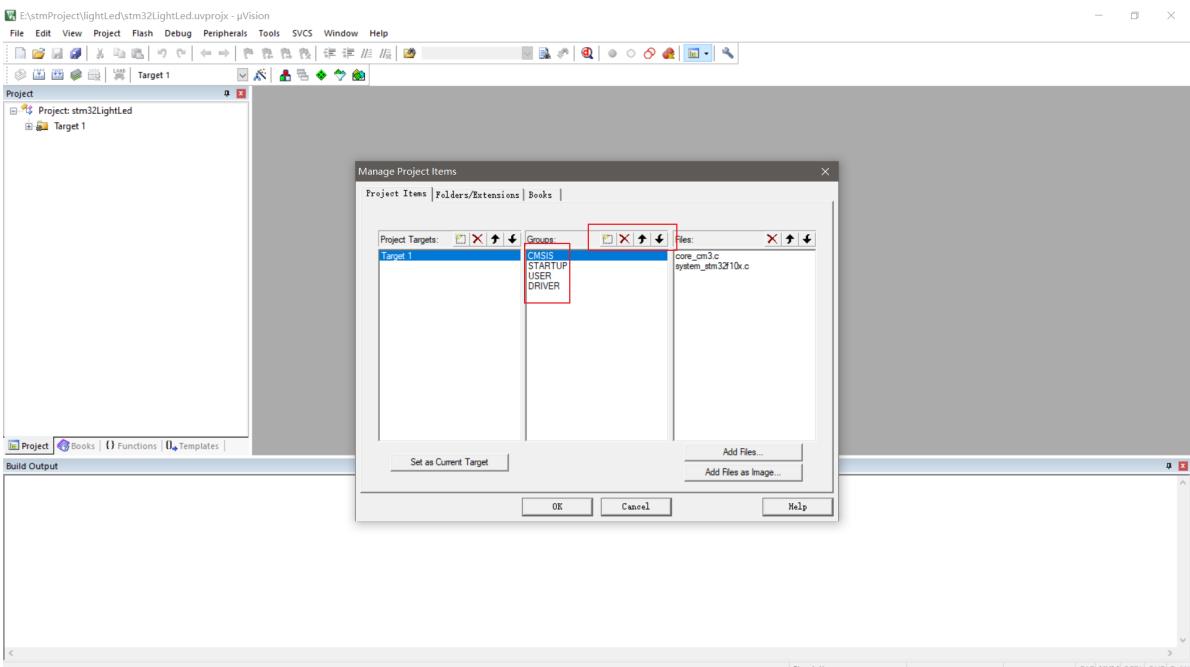


点击Ok

点击如图

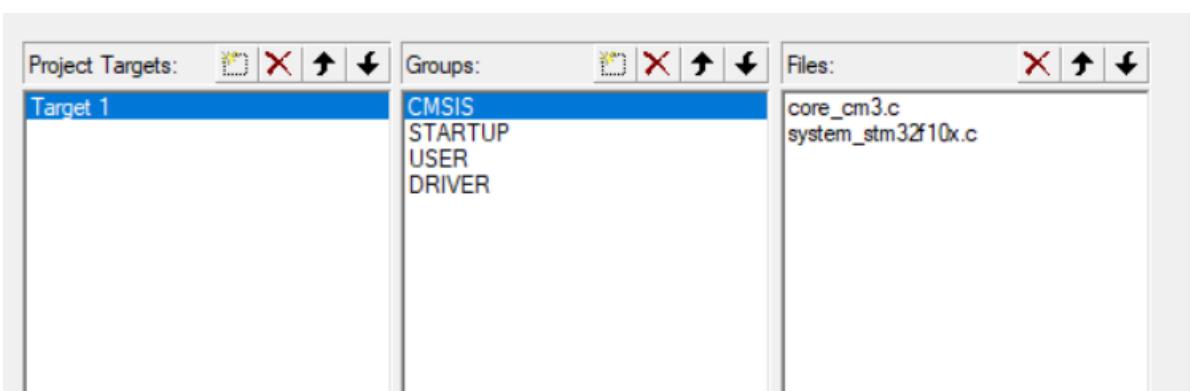


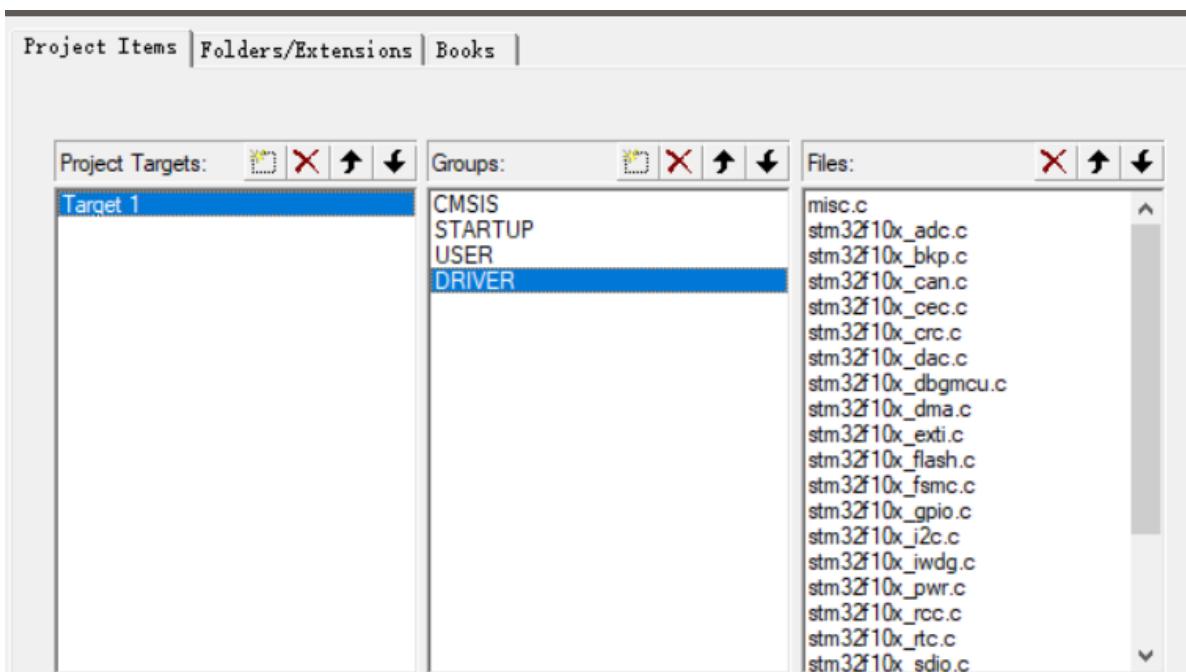
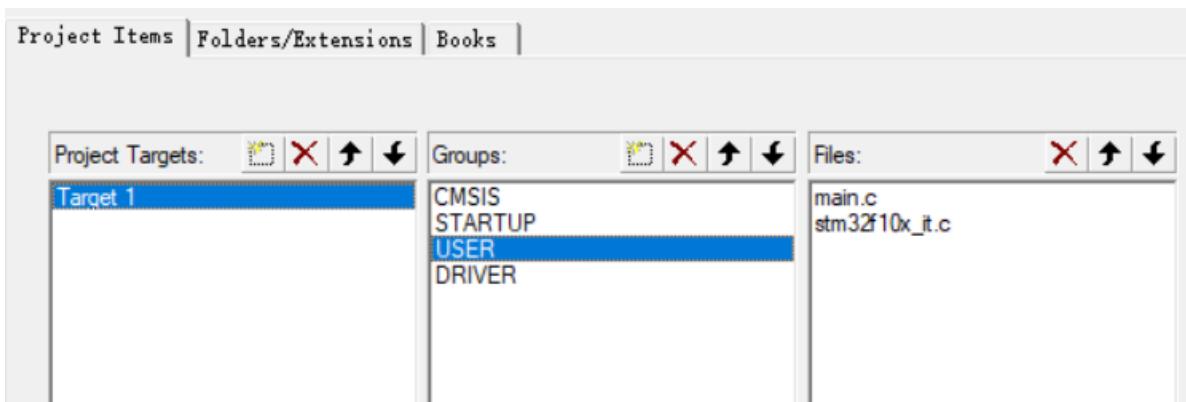
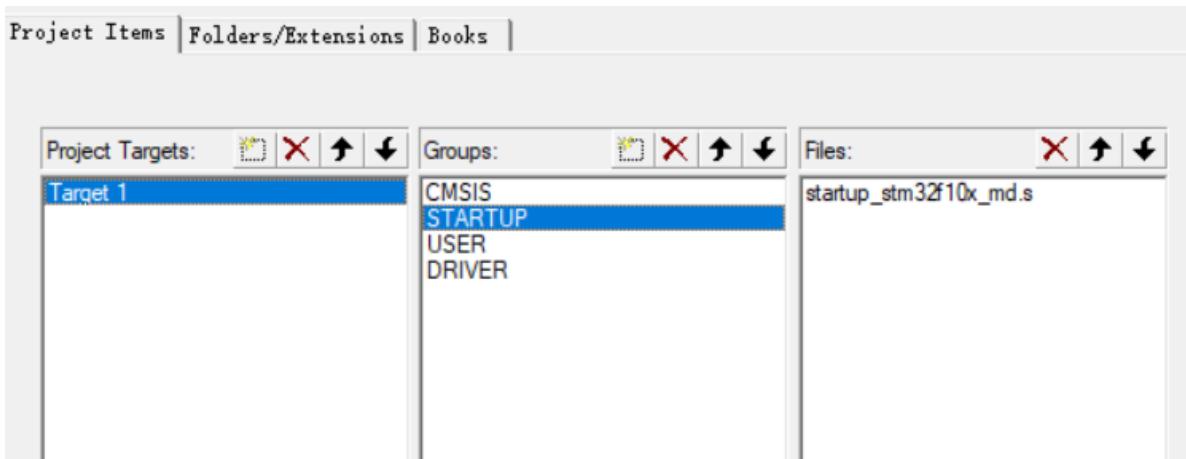
删除初始化的Group文件夹，通过红框添加五个文件夹



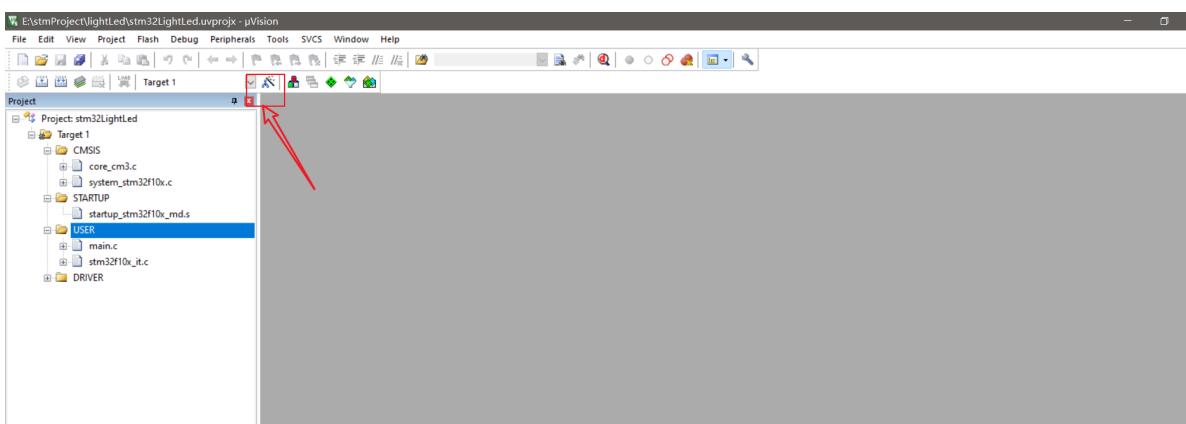
然后给每个文件夹添加文件(一开始复制的那些)

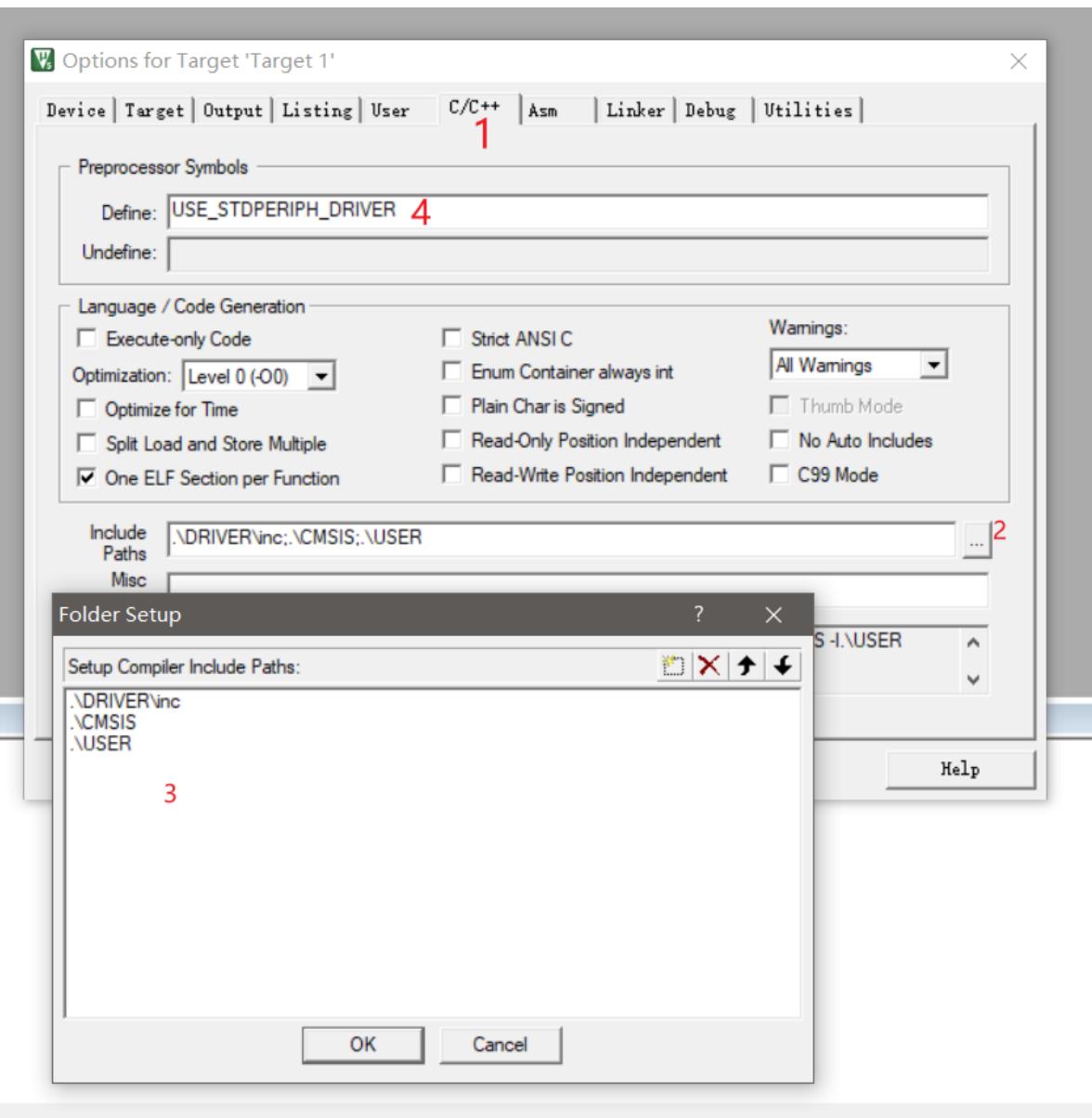
结果如图

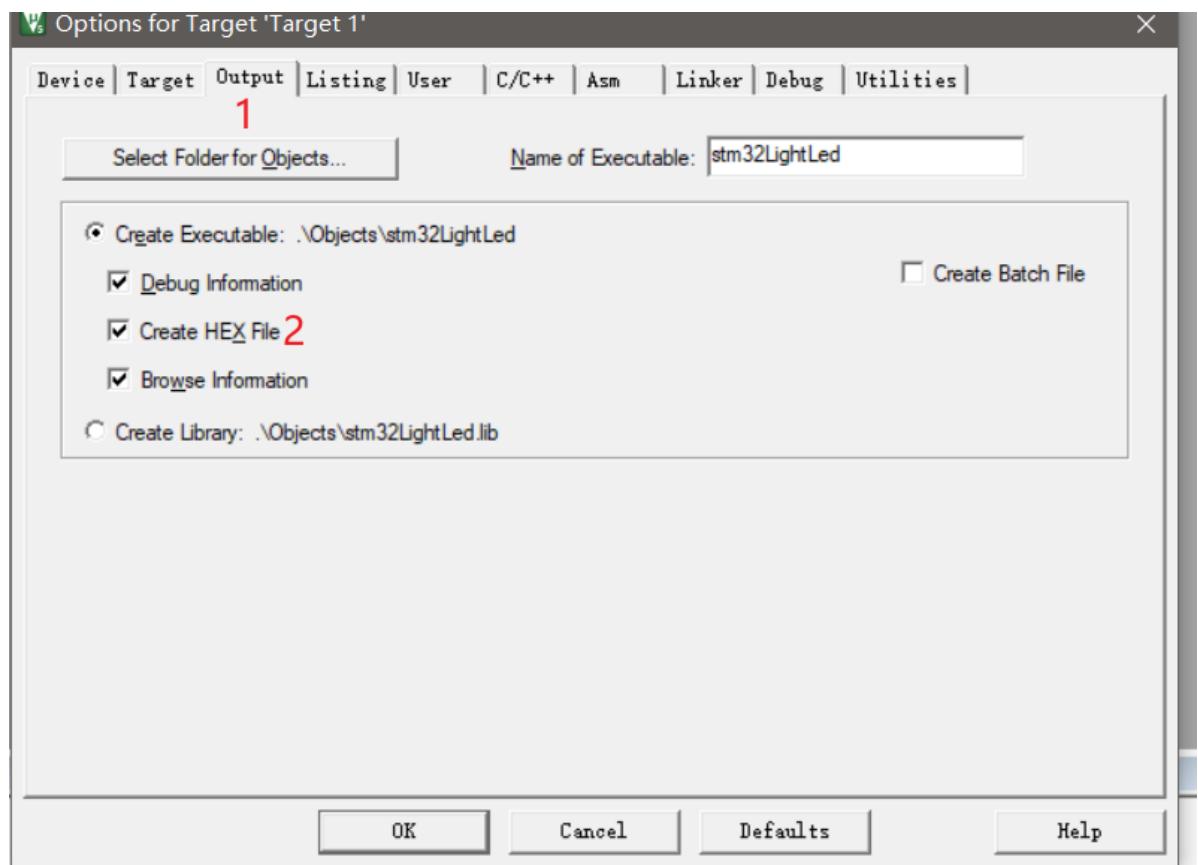
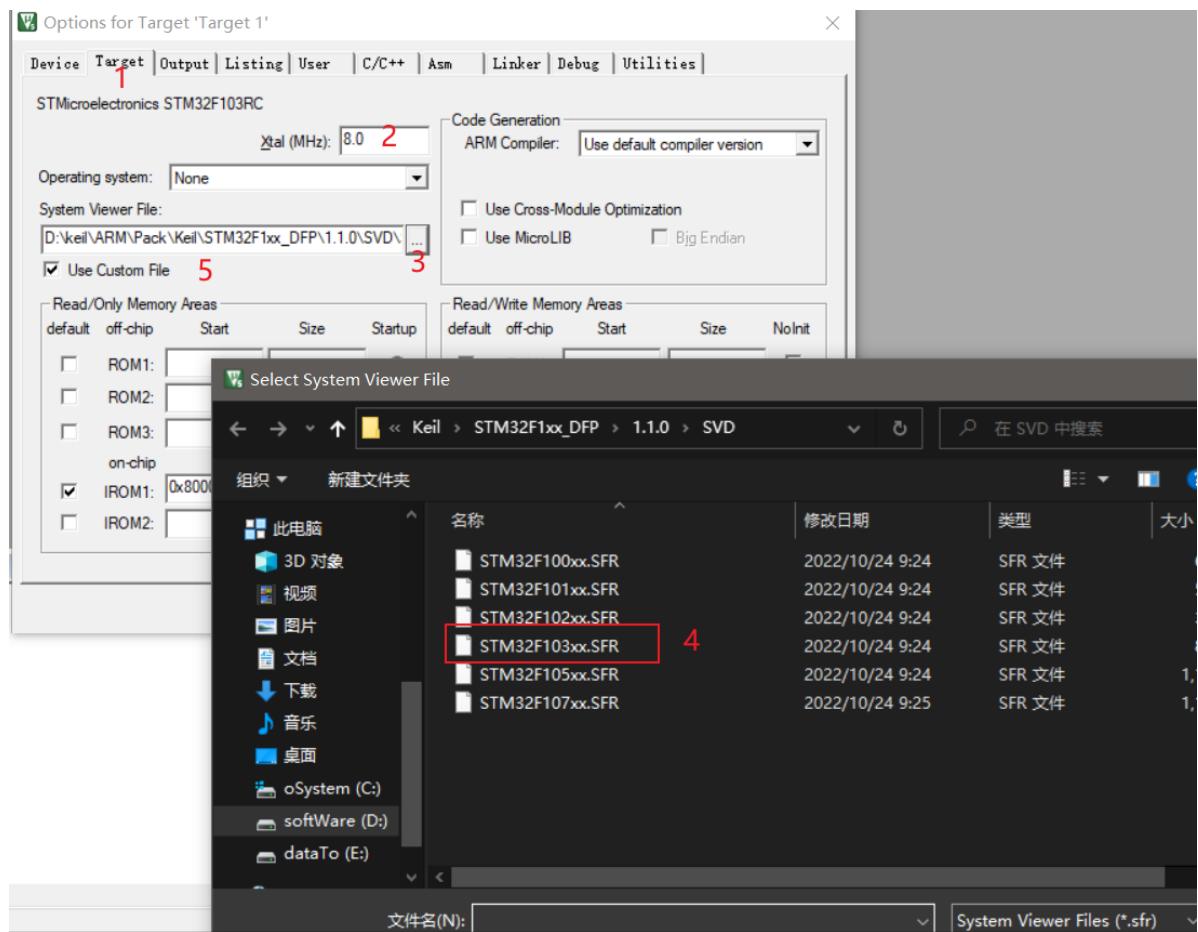


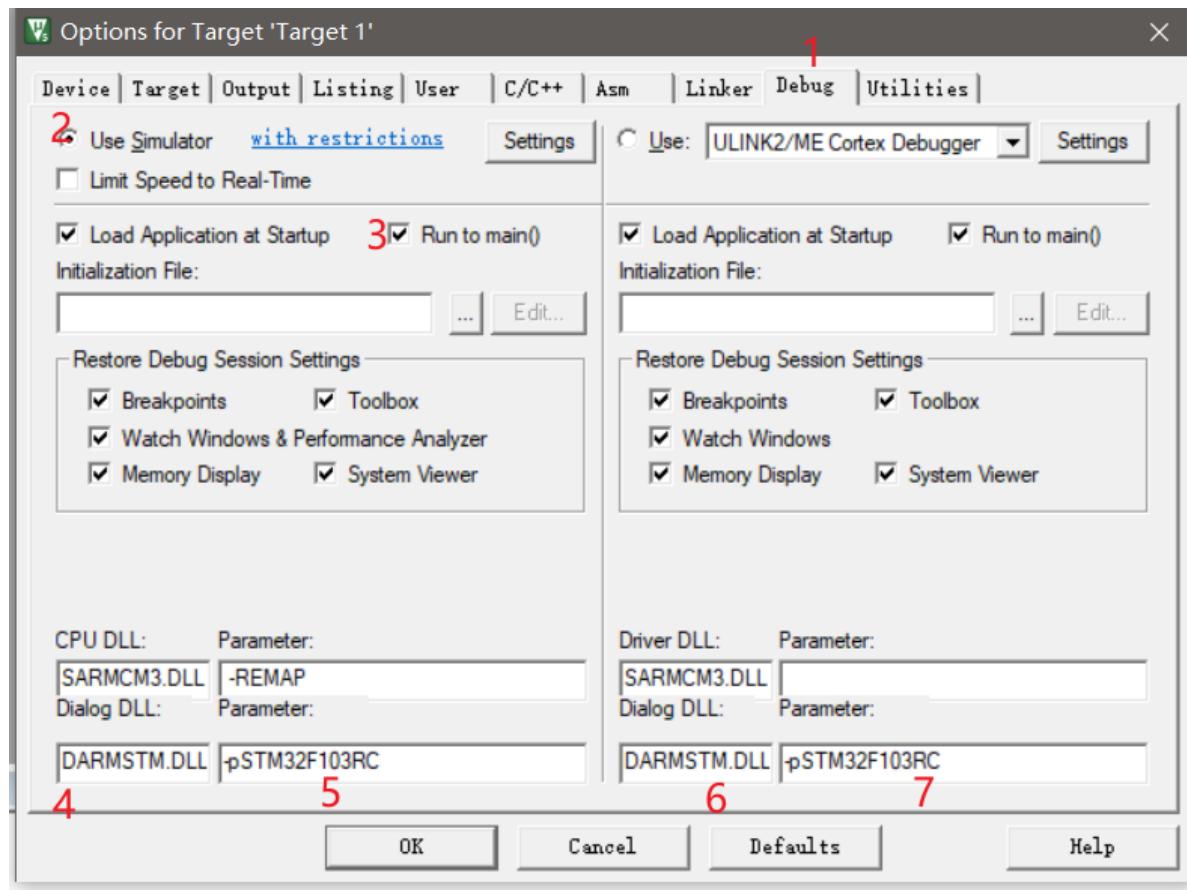


添加结束后，点击如图 魔法棒

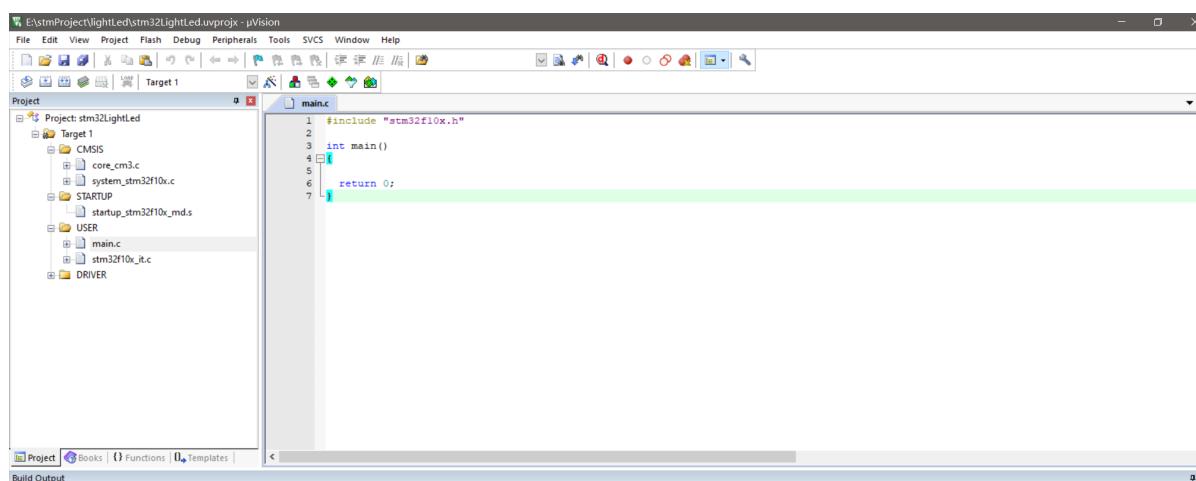








将原来main.c的全部删除，然后输入以下内容，编译运行



运行不报错即可

```
compiling stm32f10x_tim.c...
compiling stm32f10x_usart.c...
compiling stm32f10x_wwdg.c...
linking...
Program Size: Code=668 RO-data=252 RW-data=0 ZI-data=1632
FromELF: creating hex file...
".\Objects\stm32LightLed.axf" - 0 Error(s), 1 Warning(s).
Build Time Elapsed: 00:00:10
```

参考博客：

https://blog.csdn.net/weixin_43736860/article/details/105422836?spm=1001.2101.3001.6650.1&tm_medium=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-1-105422836-blog-105148314.pc_relevant_recovery_v2&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-1-105422836-blog-105148314.pc_relevant_recovery_v2&

utm_relevant_index=2

https://blog.csdn.net/qq_36931762/article/details/95113125

fromBy MR大大楼