

五元组烧写说明

一：软件安装

1.jlink驱动安装

安装包在\burn_5_elements\tools文件夹里，选择默认安装，安装后找到JLink.exe所在的路径

默认就在C:\Program Files (x86)\SEGGER\JLink 这个路径，然后把这个路径添加到环境变量里。

2.python的安装

安装包和jlink驱动在同一个文件夹里，选择默认安装，安装要看提示，安装时会有选项把python添加到环境变量里。

二：烧写操作说明

每烧写一个五元组前，先把五元组的数据复制到\burn_5_elements文件夹下的1.txt中，数据的顺序是

mac-> installcode-> xiaomikey-> lumikey-> did-> crc

举一个具体数据的例子如下：

04CF8CDF3C737AAA877AE1E1E237D286690B9C8615AF92B569467677547850755A593477466A33
61314765B301132FB83C50CBAC7F72770C00000000F32B7988C44

mac: 04CF8CDF3C737AAA
installcode: 877AE1E1E237D286690B9C8615AF92B5
xiaomikey: 69467677547850755A593477466A3361
lumikey: 314765B301132FB83C50CBAC7F72770C
did: 00000000F32B798
crc: 8C44

然后要接上jlink直接双击 **download.bat** 这个文件

如果写五元组成功显示如下：

```
AP[2]: Stopped AP scan as end of AP map has been reached
AP[0]: AHB-AP (IDR: 0x24770011)
AP[1]: JTAG-AP (IDR: 0x02880000)
Iterating through AP map to find AHB-AP to use
AP[0]: Core found
AP[0]: AHB-AP ROM base: 0xE00FF000
CPUID register: 0x410FC241. Implementer code: 0x41 (ARM)
Found Cortex-M4 r0p1, Little endian.
FPUnit: 6 code (BP) slots and 2 literal slots
CoreSight components:
ROMTbl[0] @ E00FF000
ROMTbl[0][0]: E000E000, CID: B105E00D, PID: 000BB00C SCS-M7
ROMTbl[0][1]: E0001000, CID: B105E00D, PID: 003BB002 DWT
ROMTbl[0][2]: E0002000, CID: B105E00D, PID: 002BB003 FPB
ROMTbl[0][3]: E0000000, CID: B105E00D, PID: 003BB001 ITM
ROMTbl[0][4]: E0040000, CID: B105900D, PID: 000BB9A1 TPIU
ROMTbl[0][5]: E0041000, CID: B105900D, PID: 000BB925 ETM
Cortex-M4 identified.
Halting CPU for downloading file.
Downloading file [1.bin]...
J-Link: Flash download: Bank 0 @ 0x00000000: Skipped. Contents already match
O.K.

Loading binary file 1.bin
Reading 66 bytes data from target memory @ 0x000F2000.
Verify successful.
Script processing completed.

J-Link>
```