How to use Jlink Tools to upgrade smart product

Scope: Swave / CTP / 1D1R-TS / 1R-TS / 2R-TS / 3R-TS / NDP

**Installment instruction of J-link software:**

1. The instruction of Setup_JLinkARM_V408l.zip locates at doc of installment.
Default installation path:

C:\Program Files\SEGGER\JLinkARM_V408l\Doc\UM08001_JLinkARM.pdf

2. The version of Setup_JLinkARM_V408l.zip is recommended to install if your system is XP. If your computer's system is win 7, Setup_JLinkARM_V410 i.zip or above version will be better.
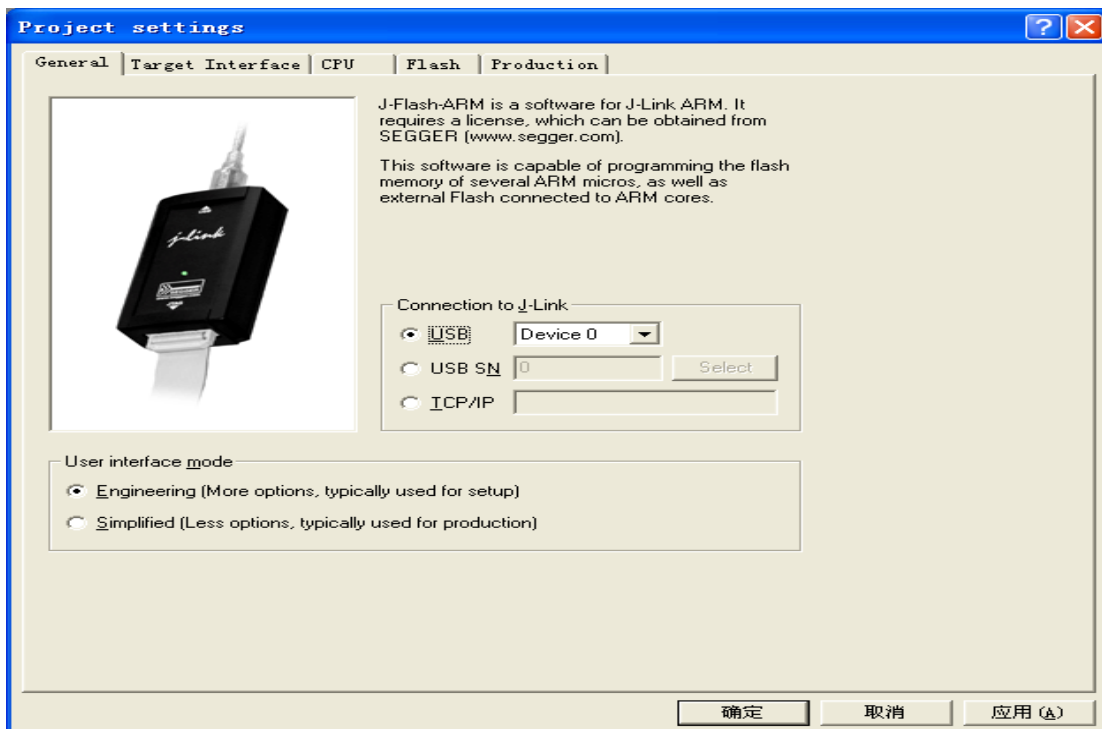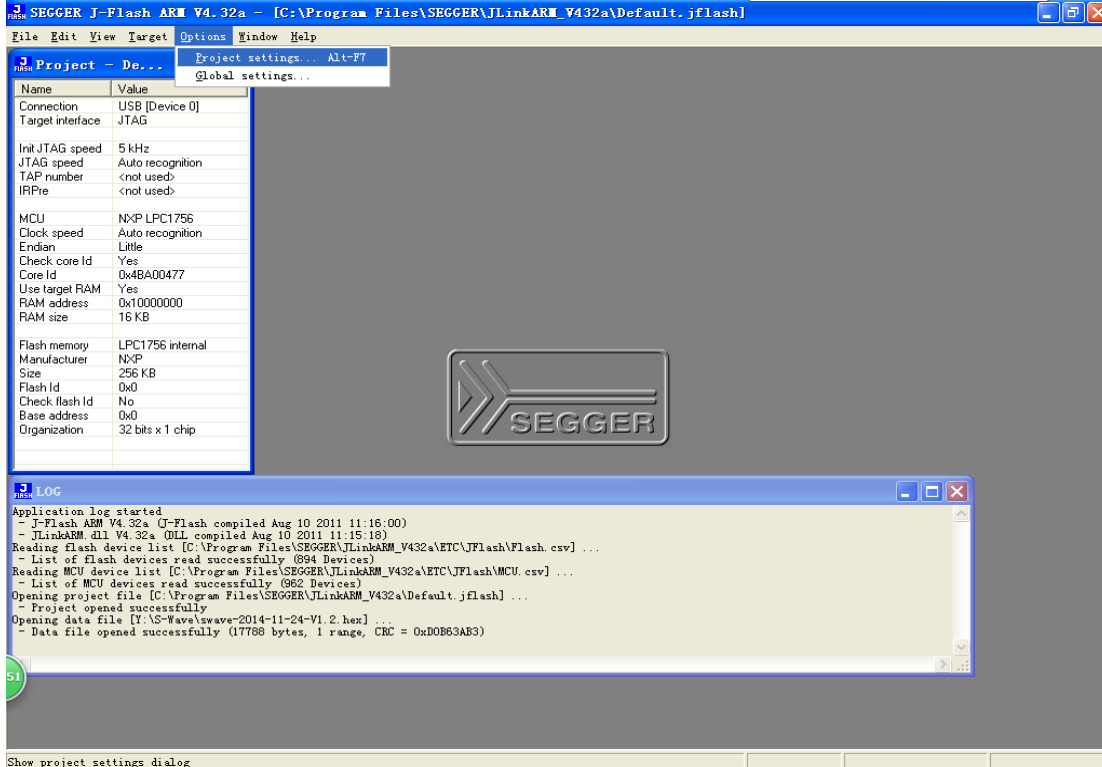
The path of the drive program as below:
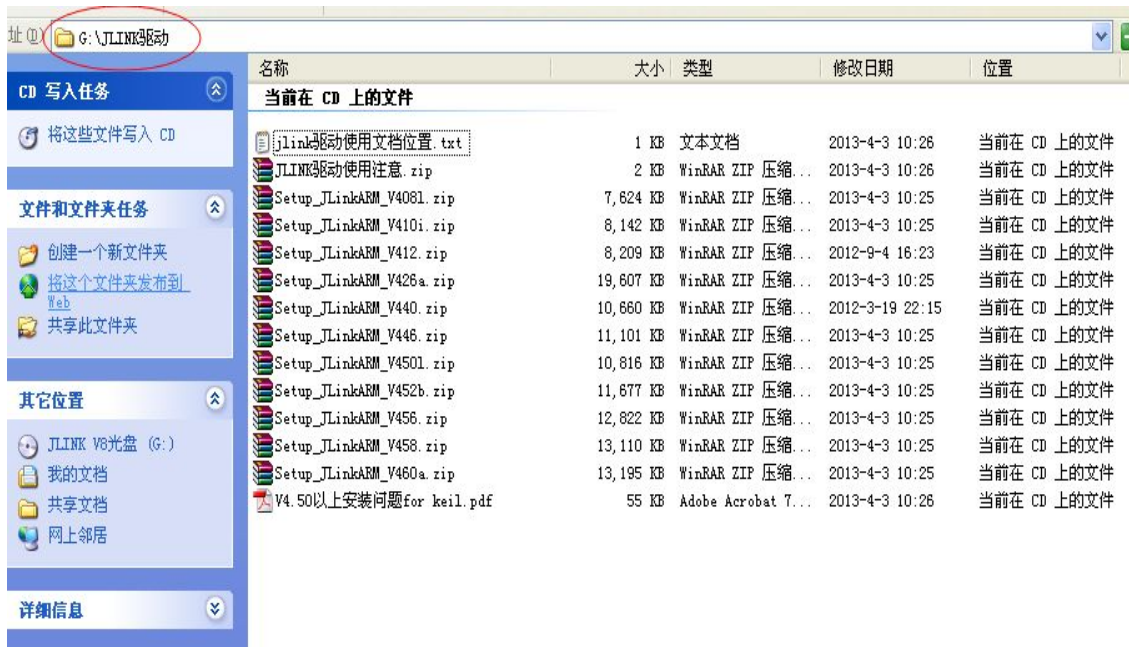
The step to update the program of S-wave/CTP/1D1R, take V4.32a version for example:

1. Install your Jlink ARM software in your computer by following the installation steps windows.
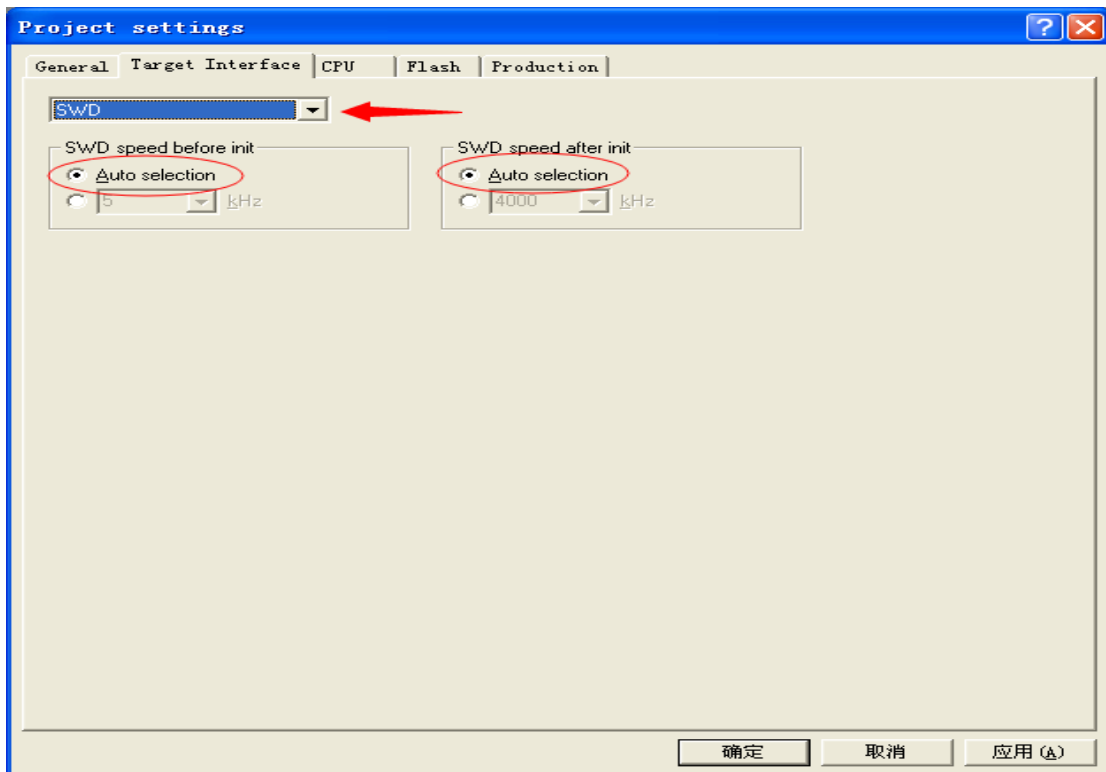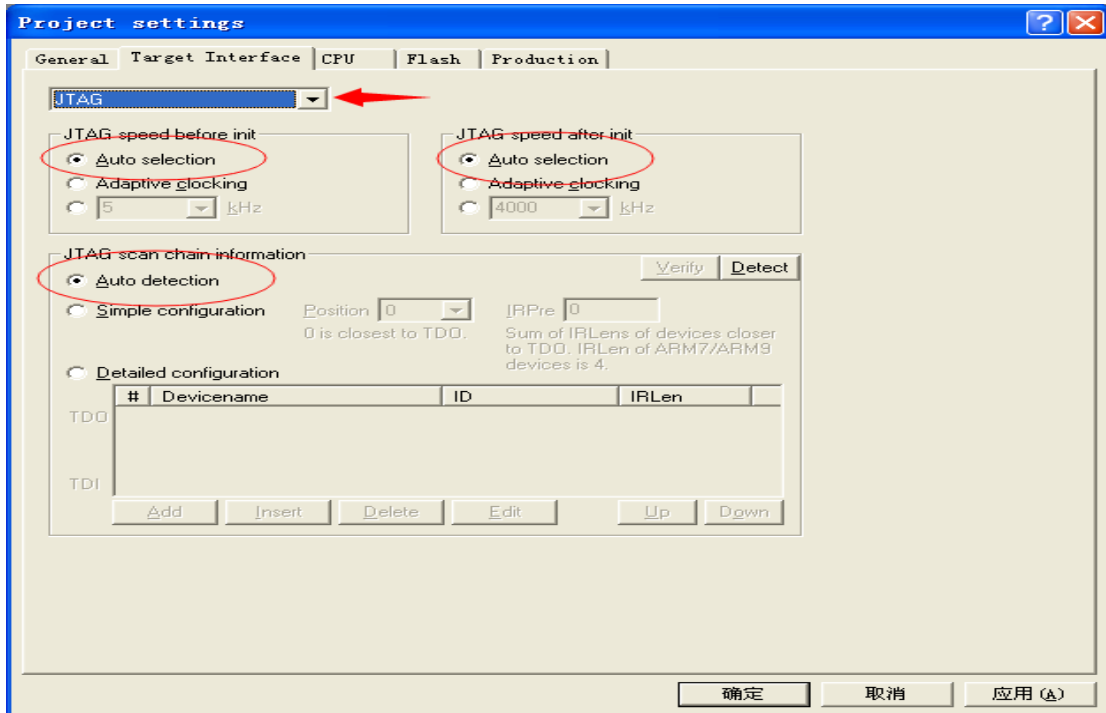2. Run your Jlink ARM software
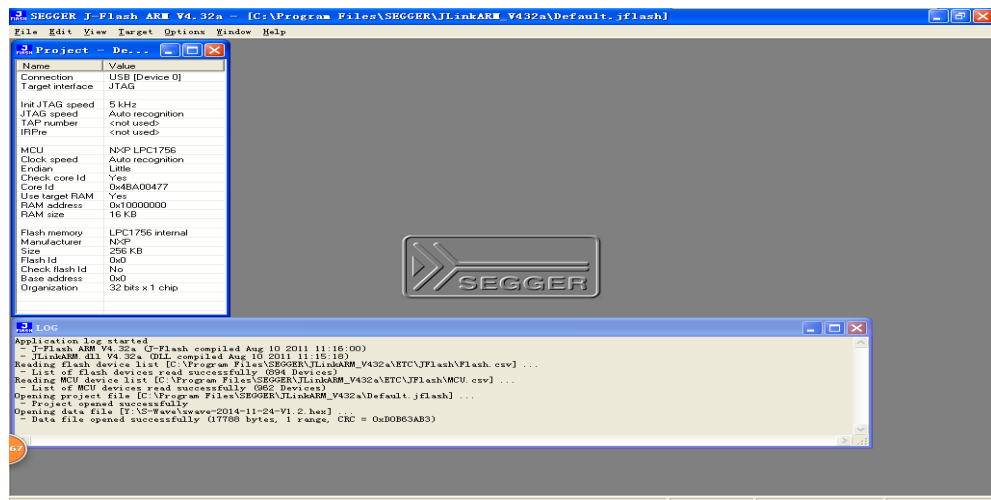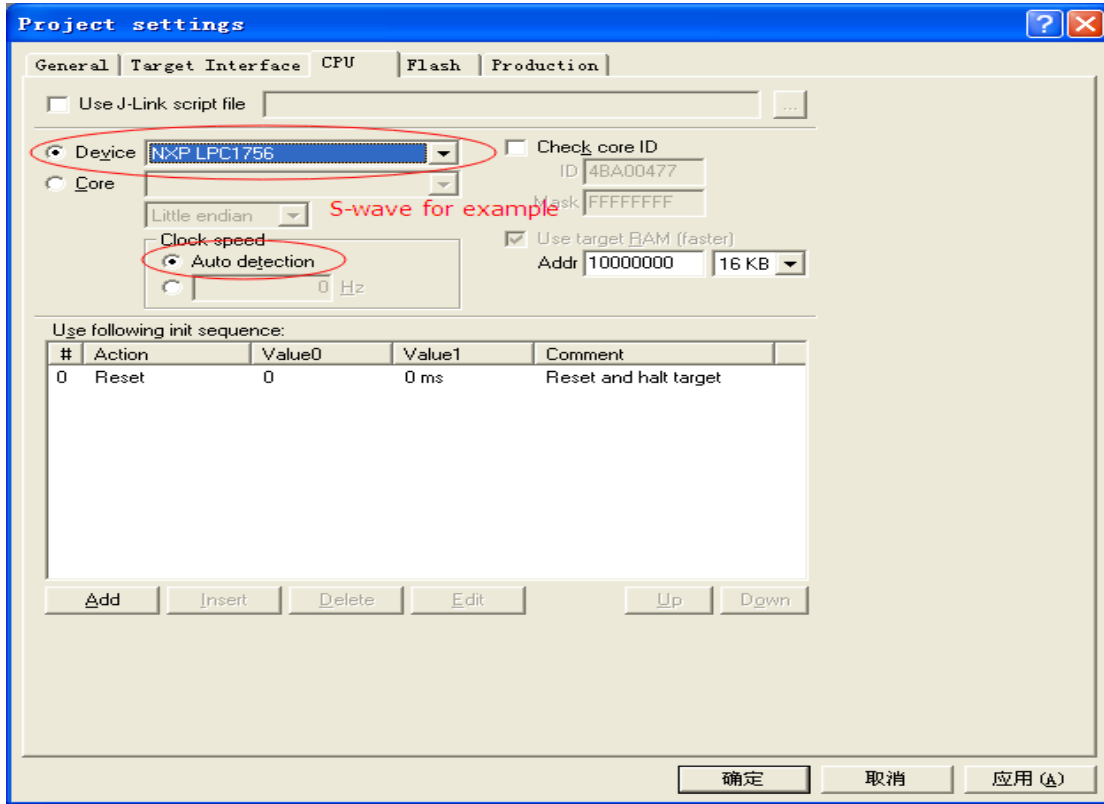
3. Jlink ARM software basic setting

- Click on the **Options** button
- Click on the **Project setting Button**

- Click on the **Target Interface** button
- Setting the JTAG and SWD as below and save it

- Click on the **CPU** button
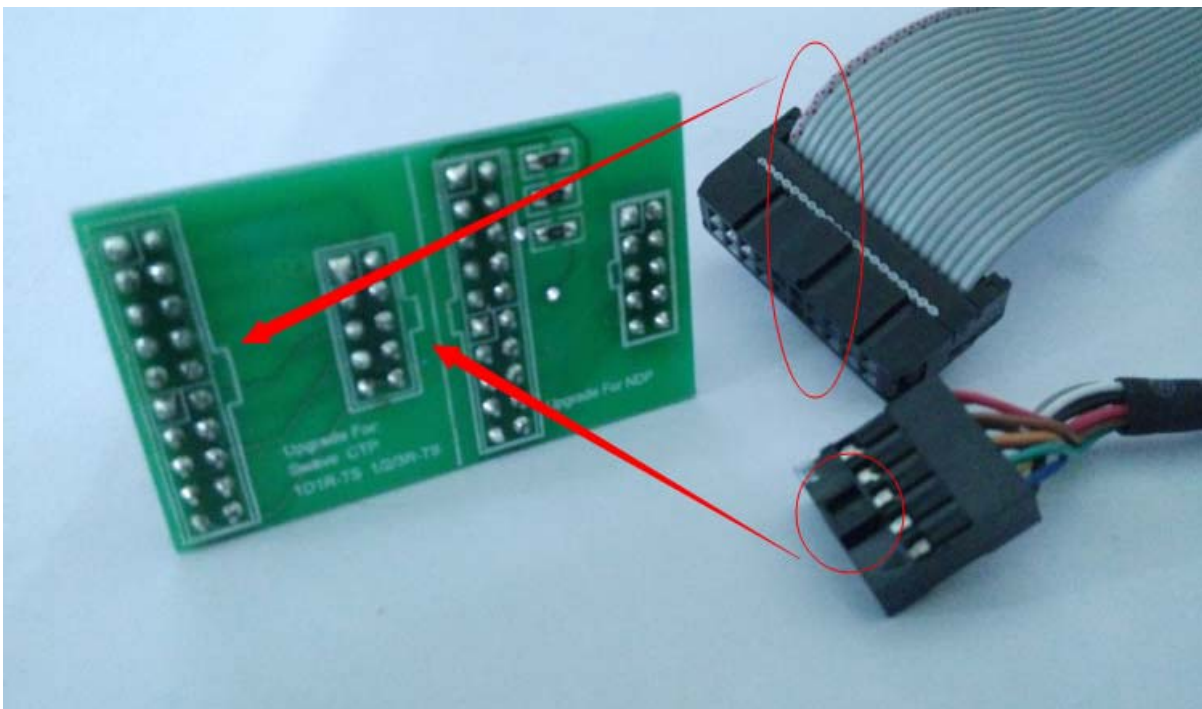- Choosing the corresponding Device and setting other as below and save it

Device choosing as below:
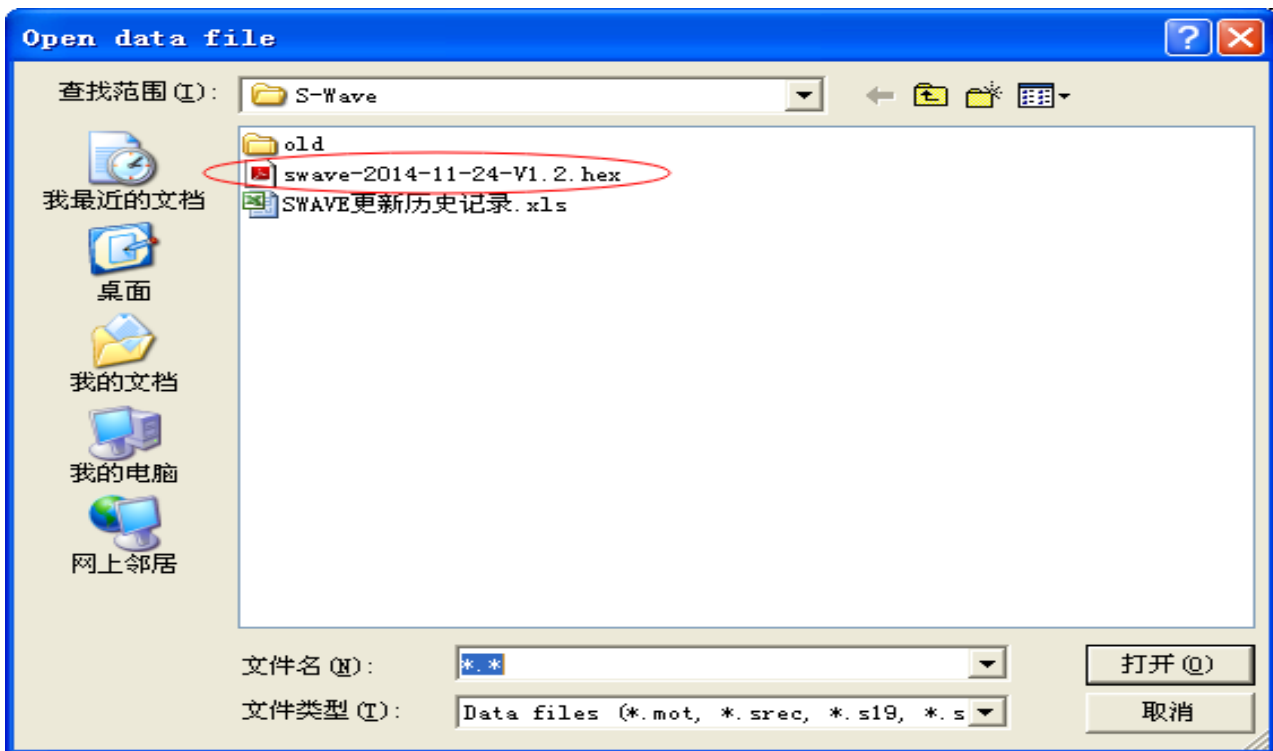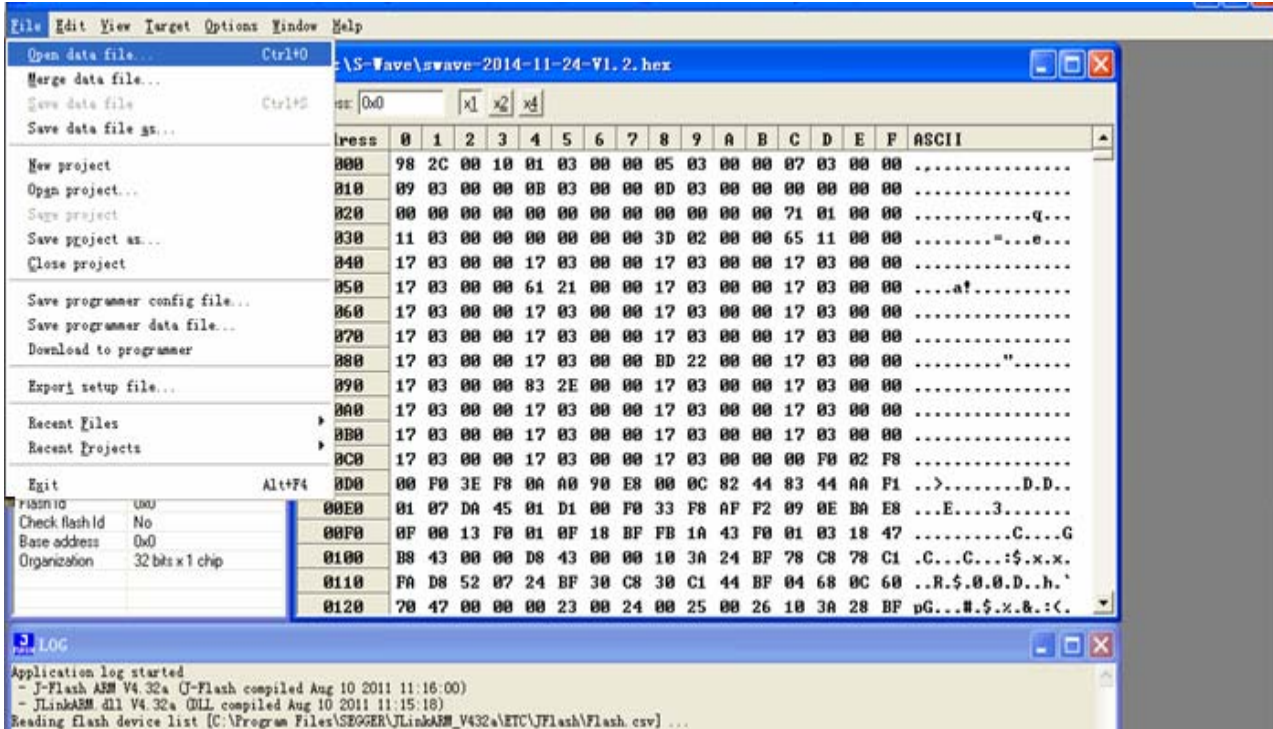S-wave/1D1R-TS/ 1R-TS/2R-TS/3R-TS: **NXP LPC1756**
CTP**: ST STM32F103VE**
NDP：**ST STM32F103ZC**
Attention for the connecting direction. The connection of the date cable should match the silk-screen direction. Just as below!
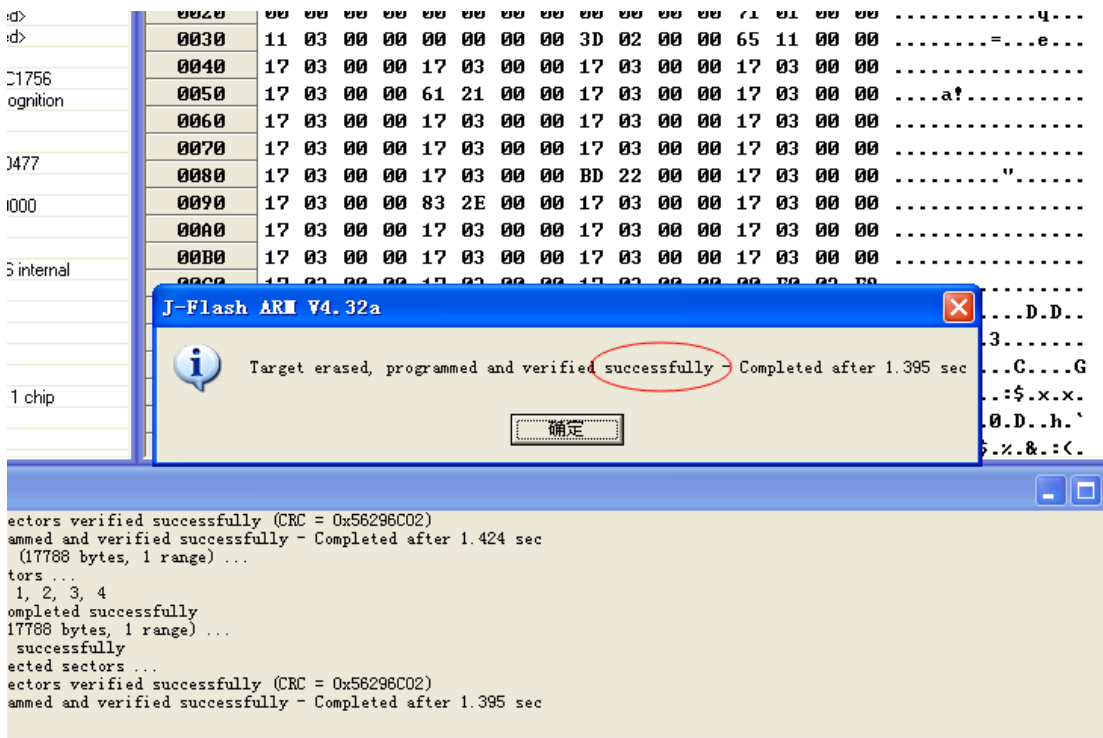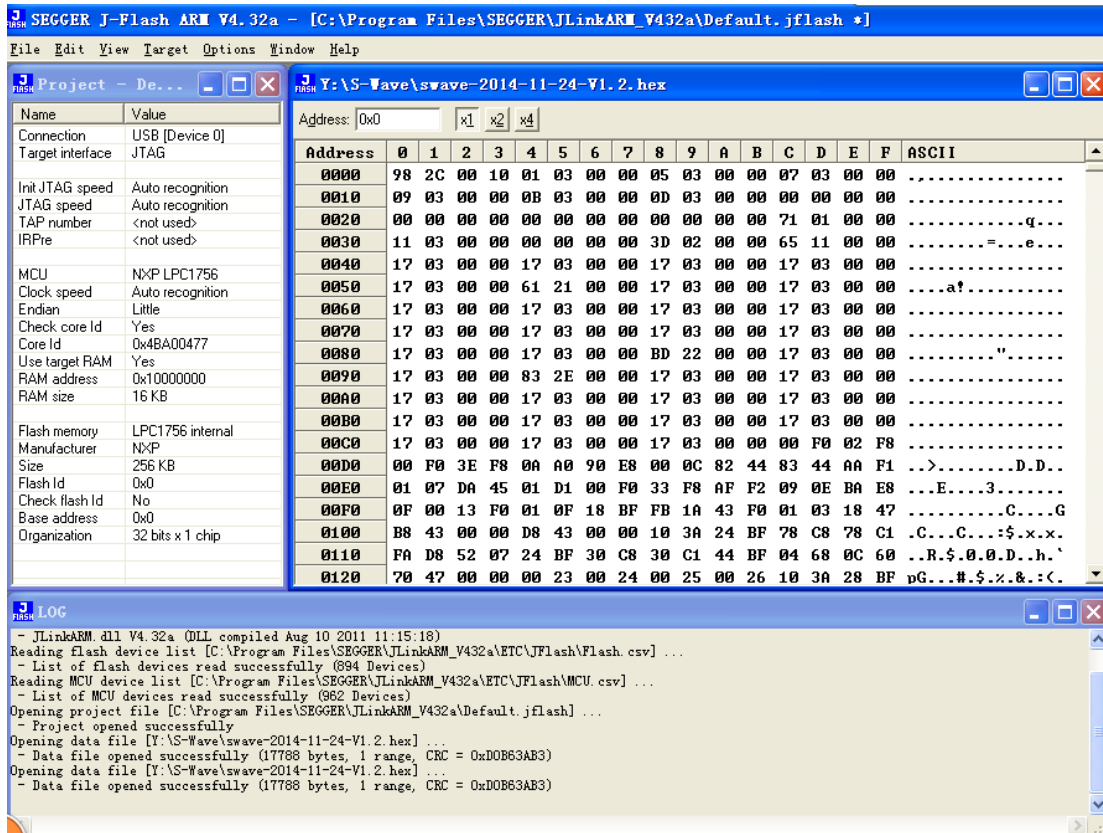
4. Open the corresponding program and burn

- Click on the **File** button

- Click on Open data file

- choosing the corresponding program and open it

Burning:

- Click on the **F7** button
- Or click **Target** button and then click Auto **button**

END, Thanks!