图解 Jlink-Flash 烧写 NorFlash

一、设备：

J_link V7 仿真器一个

友善之臂 mini2440_N35 开发板一套

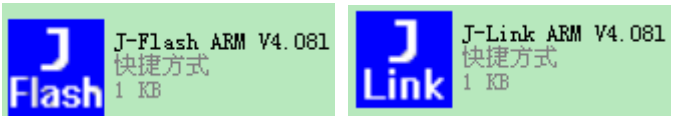
20 脚 Jtage 转 10 jtage 转接板一块(自己焊接的)

J_link 软件和驱动(http://www.segger.com/download_jlink.html 下载)

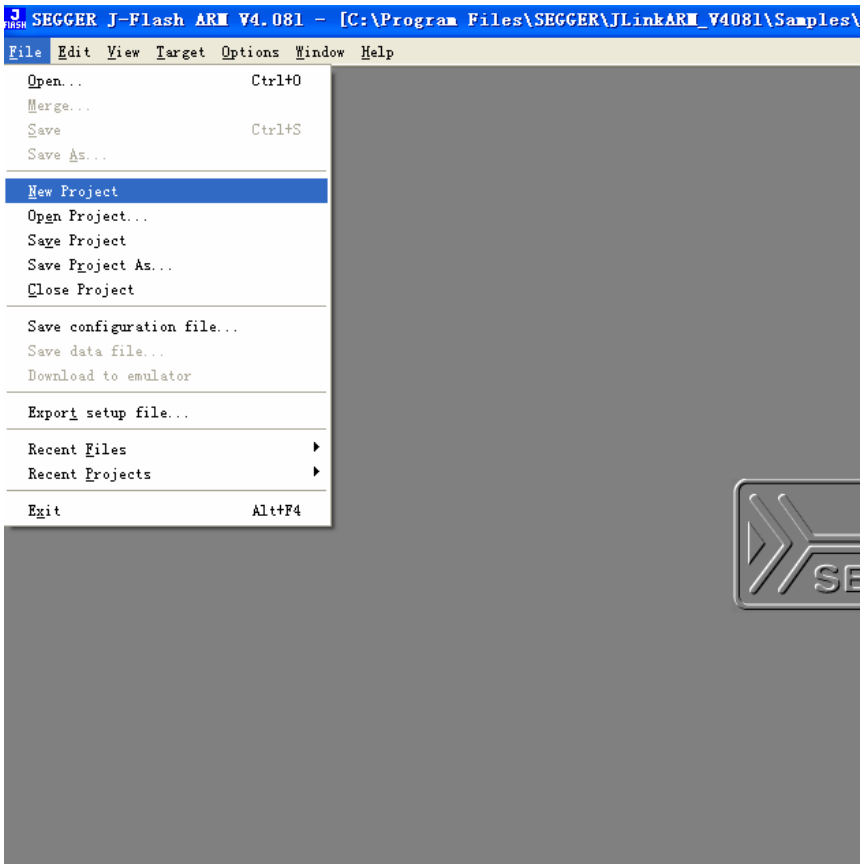
二、操作说明

1、保证安装好 J_link 软件和驱动后

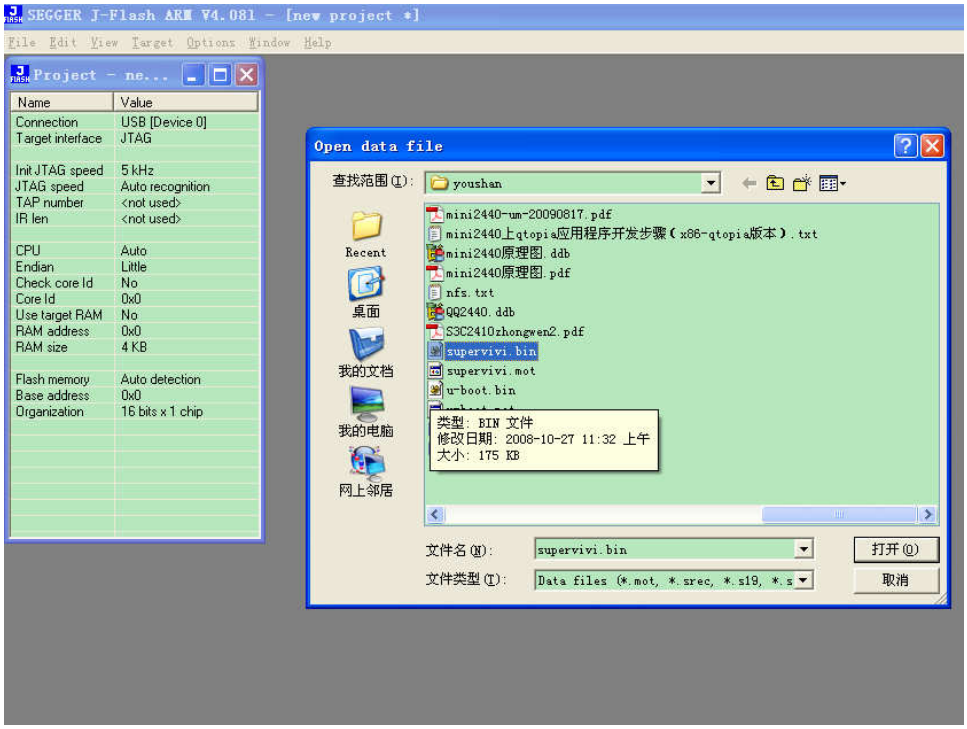
桌面上生成两个快捷方式



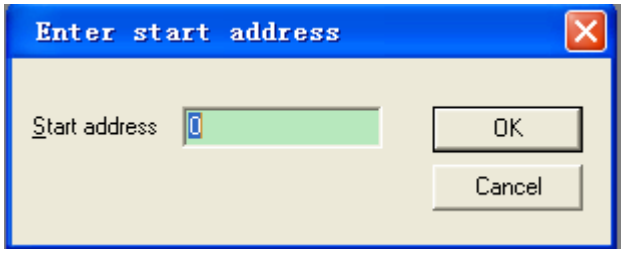
2、点击 J-Flash ARM V4.08l,打开软件如下操作新建一工程



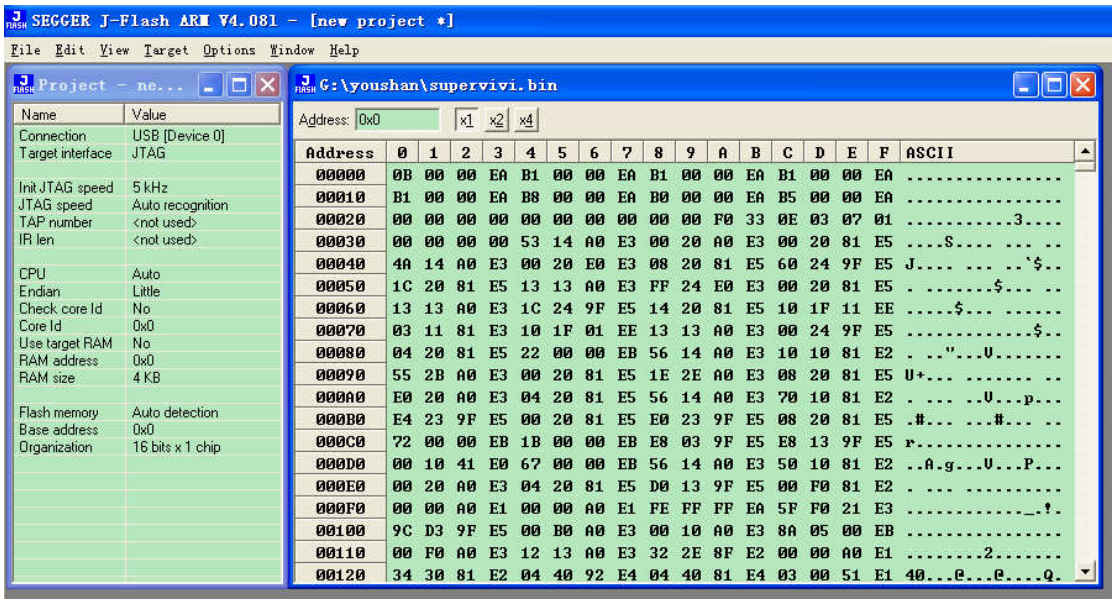
2、在 File-Open 打开烧写文件 supervivi.bin，效果图如下



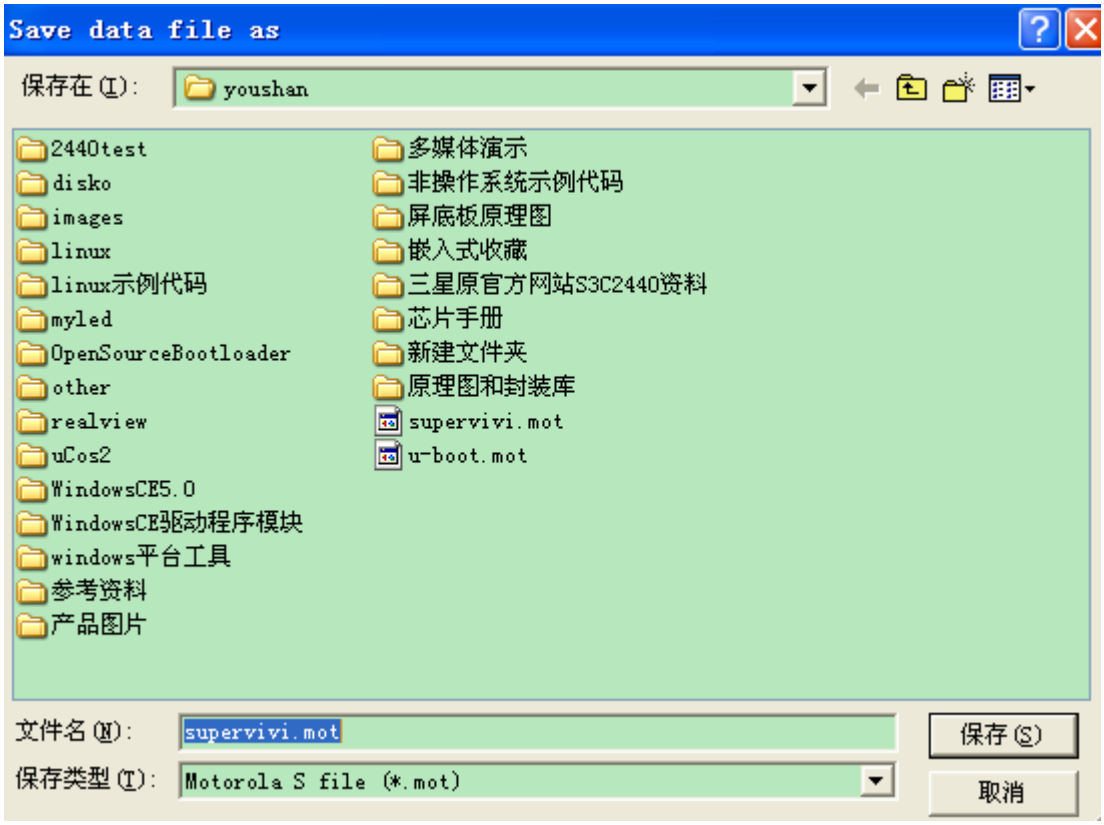
3、点打开后弹出下面对话框，点 ok



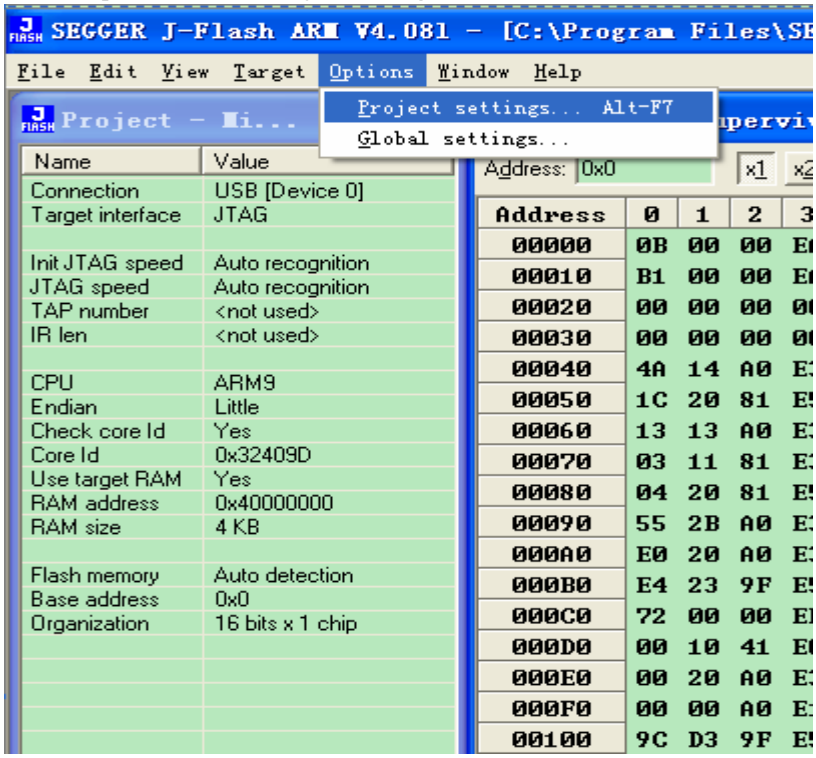
4、文件打开后效果如下



5、为了以后方便打开工程保存文件和工程

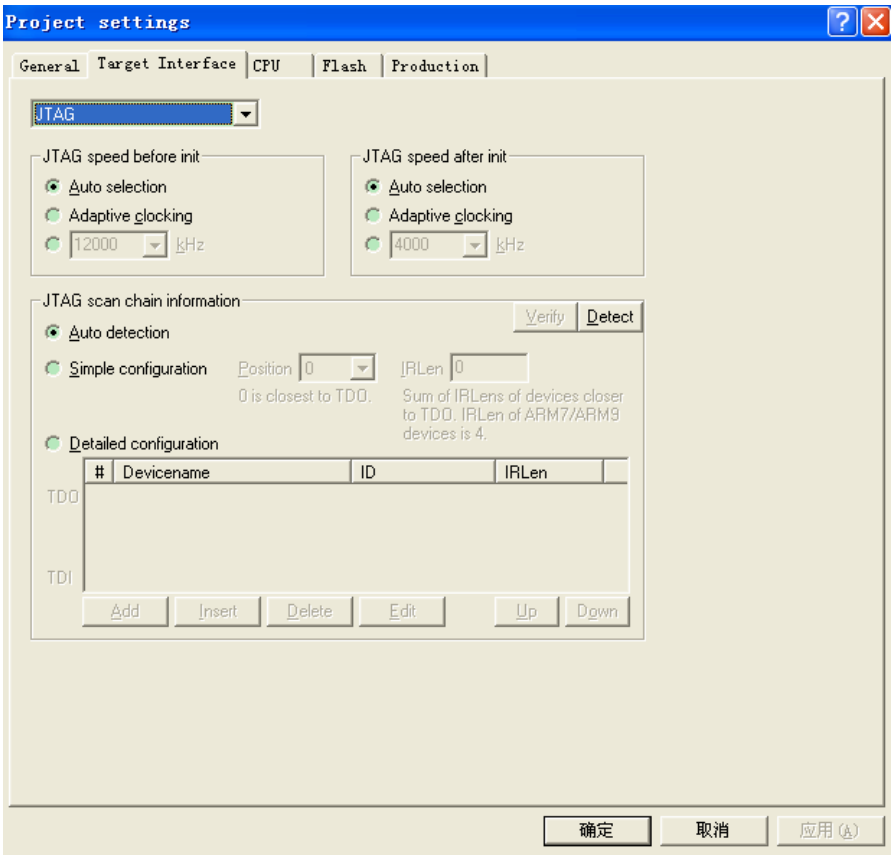


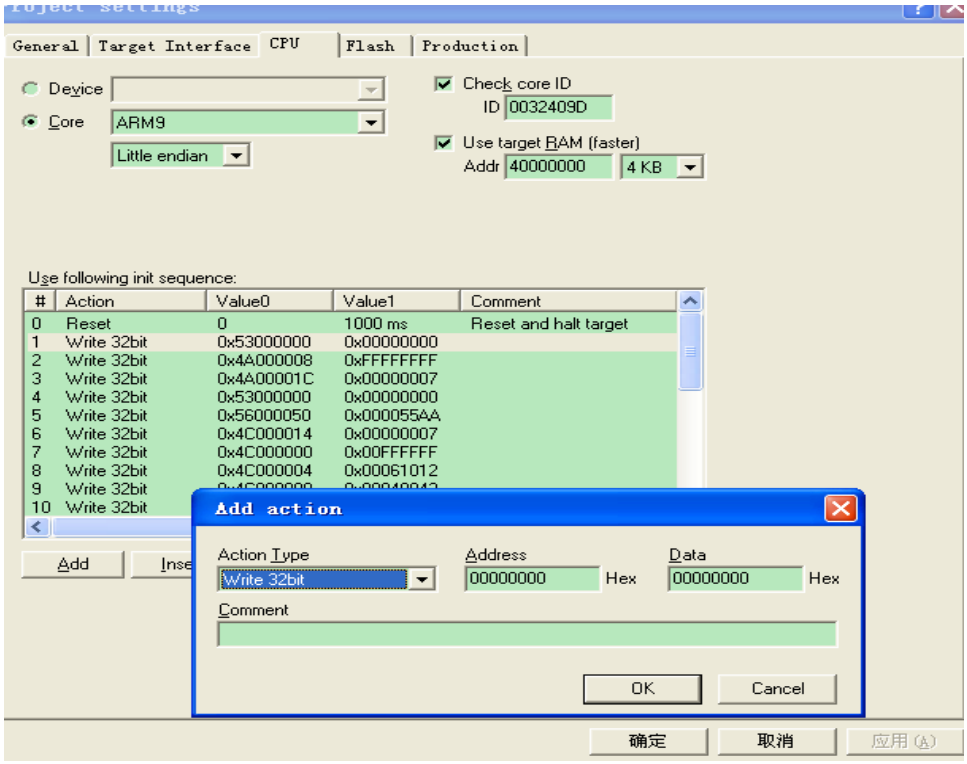
6、在 Options 下选择 Project settings……



7、在弹出的对话框分别如下设置

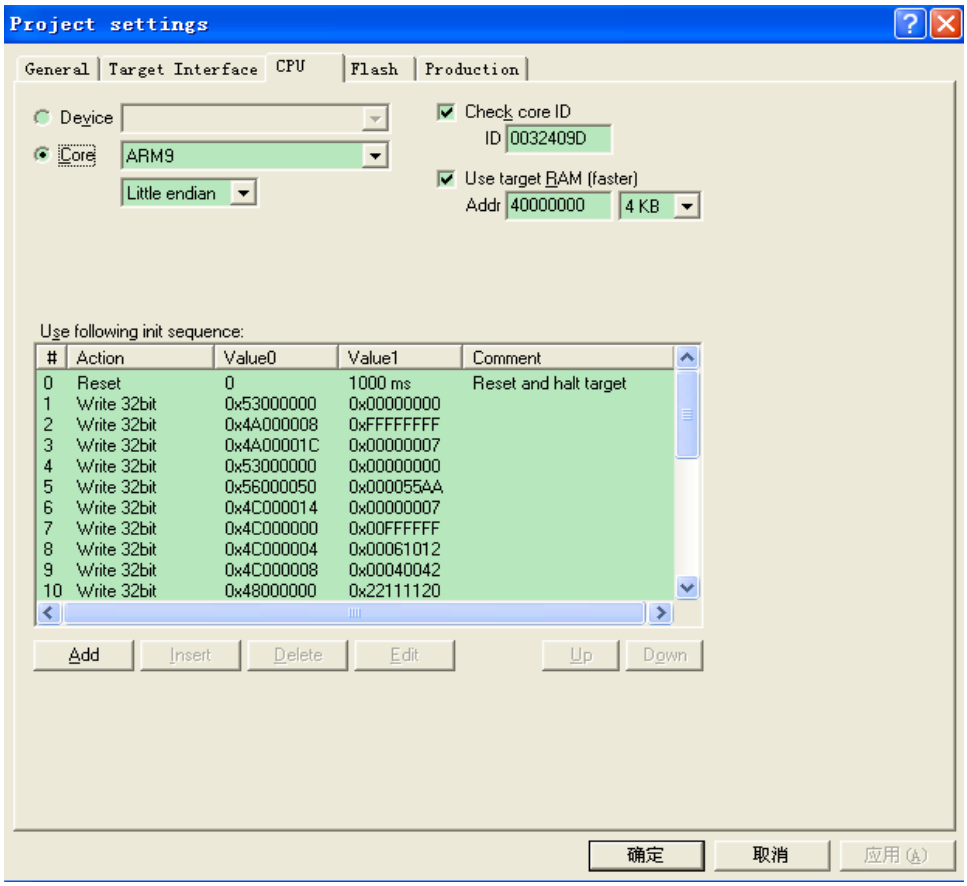

Project settings
General
Target Interface
CPU
Flash
Production
J-Flash-ARM is a software for J-Link ARM. It requires a license, which can be obtained from SEGGER (www.segger.com).
This software is capable of programming the flash memory of several ARM micros, as well as external Flash connected to ARM cores.
Connection to J-Link
USB
Device 0
USB SN
0
Select
TCP/IP
User interface mode
Engineering (More options, typically used for setup)
Simplified (Less options, typically used for production)
确定
取消
应用 (A)

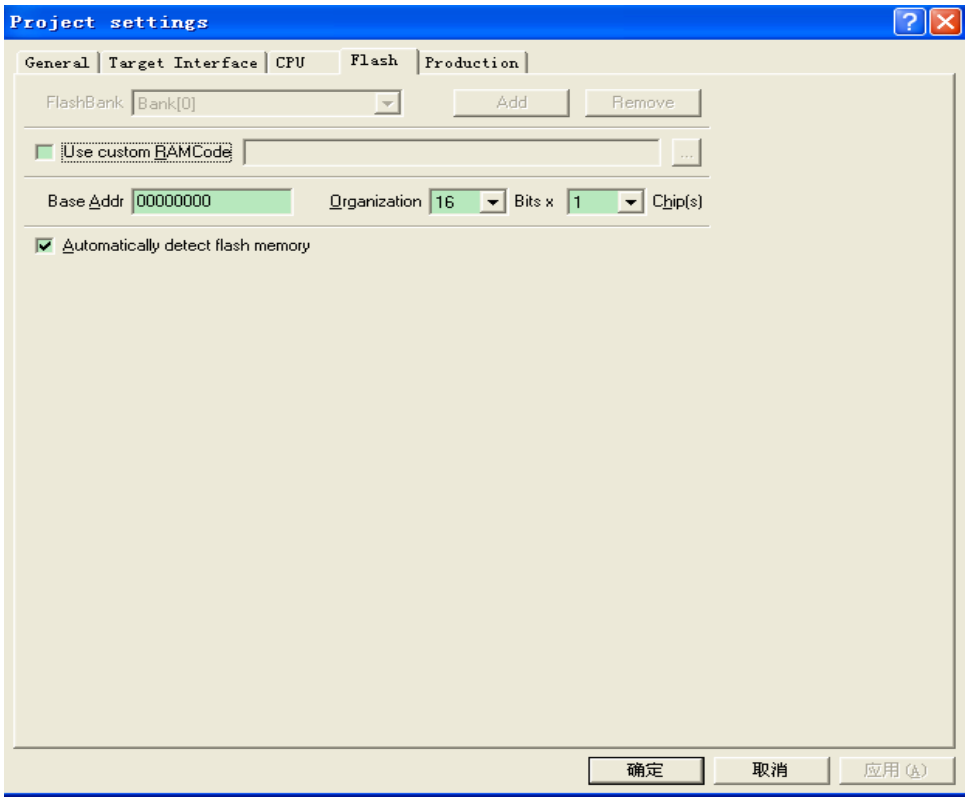

Project settings
General
Target Interface
CPU
Flash
Production
JTAG
JTAG speed before init
Auto selection
Adaptive clocking
12000
kHz
JTAG speed after init
Auto selection
Adaptive clocking
4000
kHz
JTAG scan chain information
Verify
Detect
Auto detection
Simple configuration
Position
0
0 is closest to TDO.
IRLen
0
Sum of IRLens of devices closer to TDO. IRLen of ARM7/ARM9 devices is 4.
Detailed configuration
#
Devicename
ID
IRLen
TDO
TDI
Add
Insert
Delete
Edit
Up
Down
确定
取消
应用 (A)



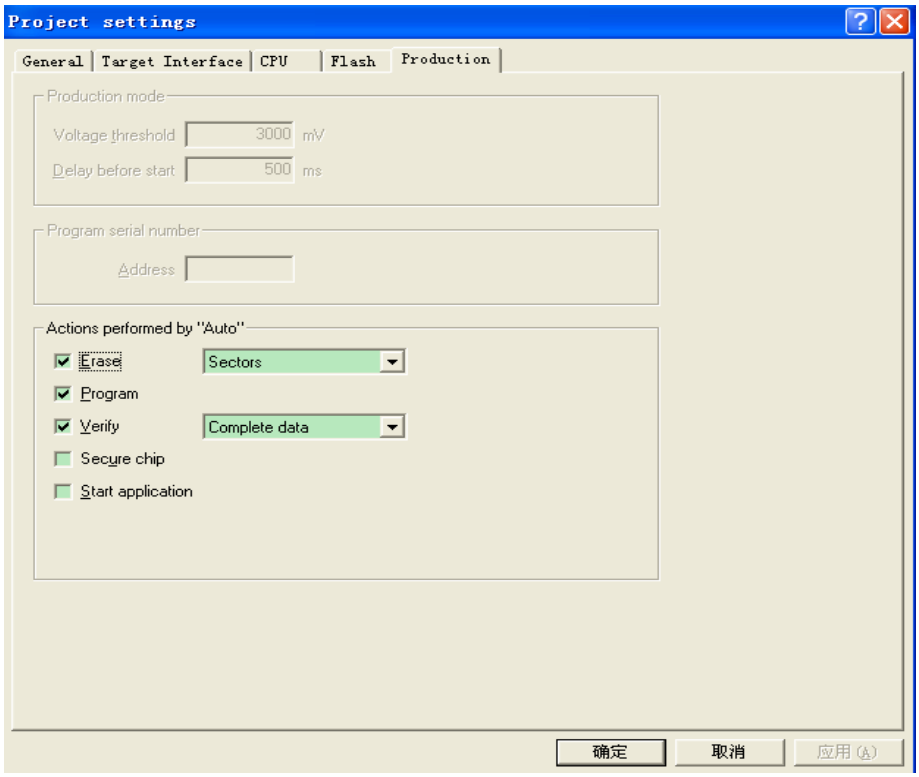
添加数据如下：

Write 32bit	53000000	00000000
Write 32bit	4A000008	FFFFFFFF
Write 32bit	4A00001C	000007FF
Write 32bit	S53000000	00000000
Write 32bit	56000050	000055AA
Write 32bit	4C000014	00000007
Write 32bit	4C000000	00FFFFFF
Write 32bit	4C000004	00061012
Write 32bit	S4C000008	00040042
Write 32bit	48000000	22111120
Write 32bit	48000004	00002F50
Write 32bit	48000008	00000700
Write 32bit	4800000C	00000700
Write 32bit	48000010	00000700
Write 32bit	48000014	00000700
Write 32bit	48000018	0007FFFC
Write 32bit	4800001C	00018005
Write 32bit	48000020	00018005
Write 32bit	48000024	008E0459
Write 32bit	48000028	00000032
Write 32bit	4800002C	00000030
Write 32bit	48000030	00000030

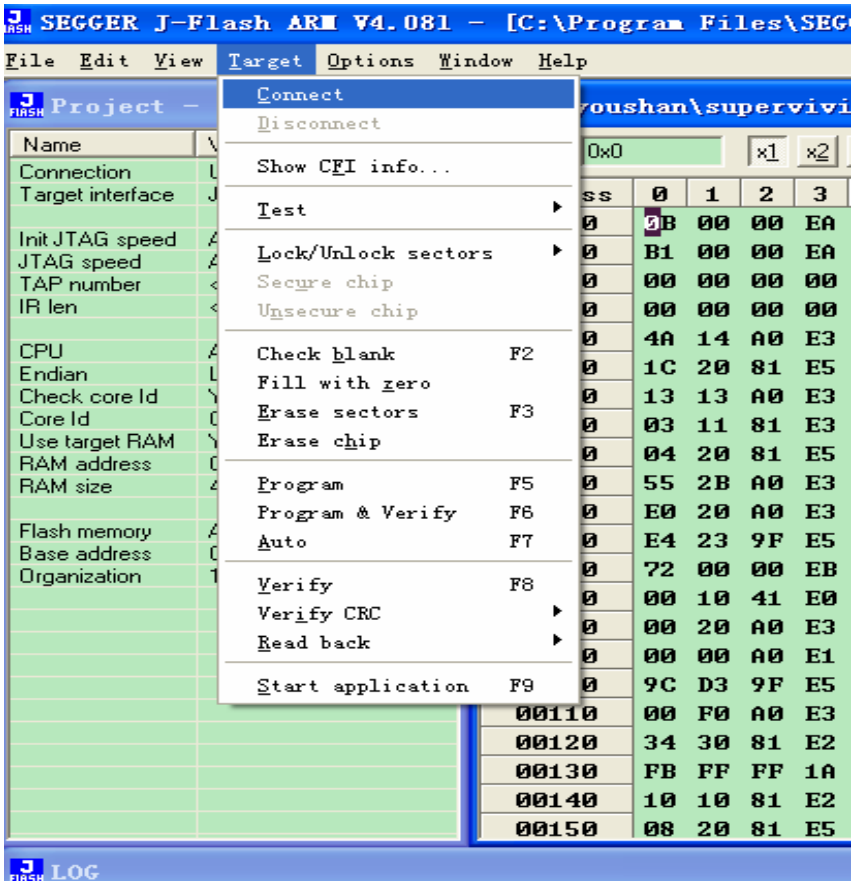




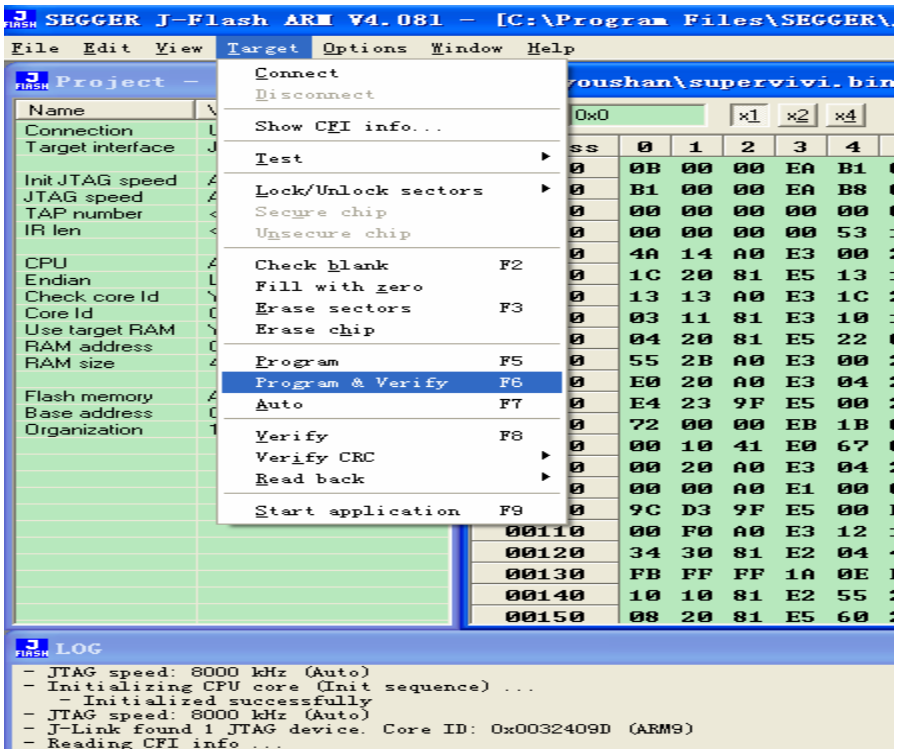
这里也可以去掉 Automatically detect falsh memory,手动选择 flash



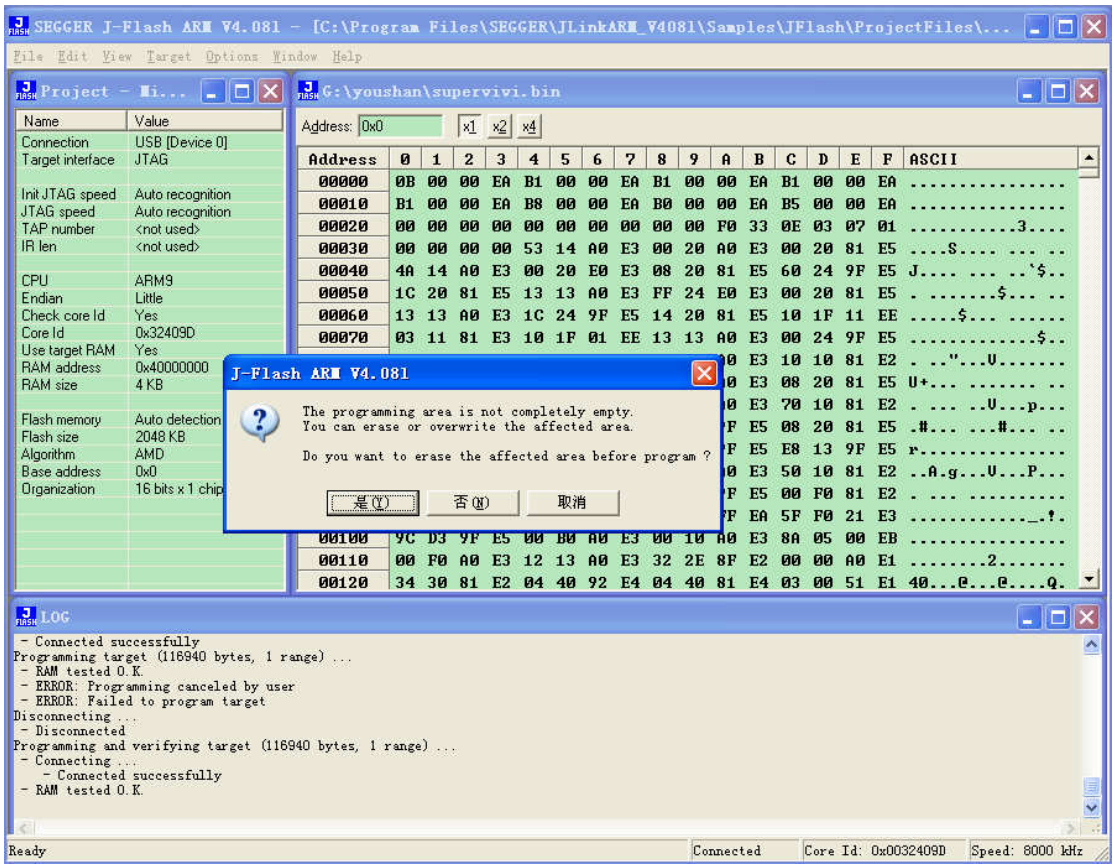
8、确保开发板选择了 NOR FLASH，打开了电源后，点击 Target 下 Connect,连接开发板，如果有错误提示，按照提示来，一般是 Flash ID 不对，RAM 数据区数据配错

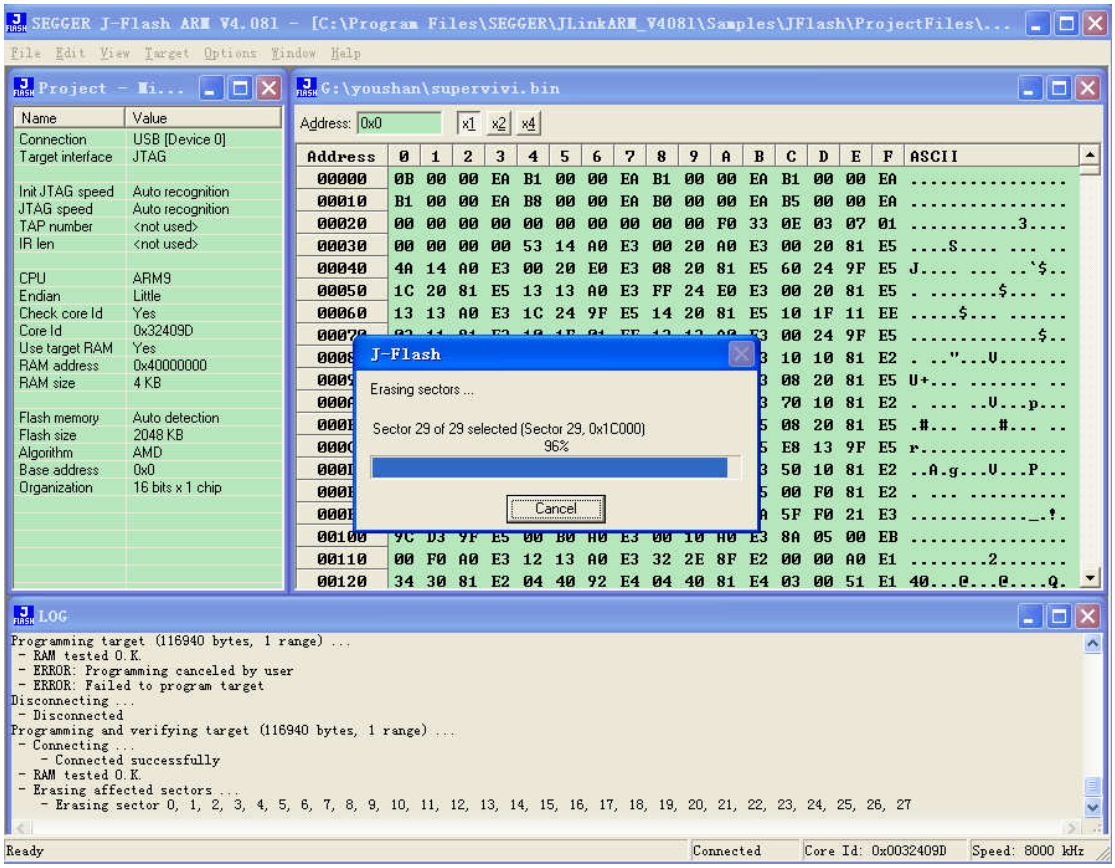


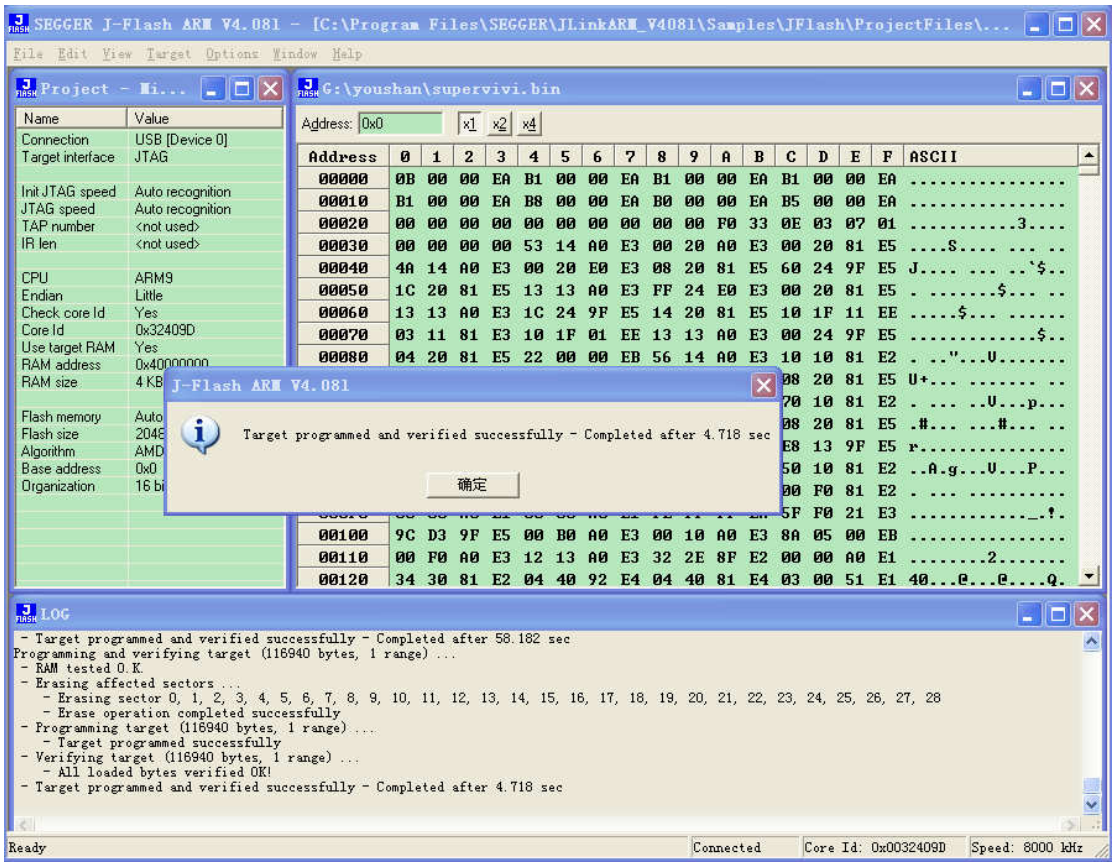
9、烧写程序到开发板 Nor Flash



10、操作过程如下







11、大功告成，Nor Flash 中已经有了 ViVi

注:chunyisihai 整理