## 使用JLINK下载程序



JLINK下载程序方便快捷并且支持在线调试,这里就给大家介绍一下如何在KEIL软件上通过 JLINK下载方式将单片机程序下载到STM32上。

## 工具及平台

STM32单片机硬件平台

JLINK仿真器并且安装好它所需的驱动

Keil uVision5软件

烧录方法步骤

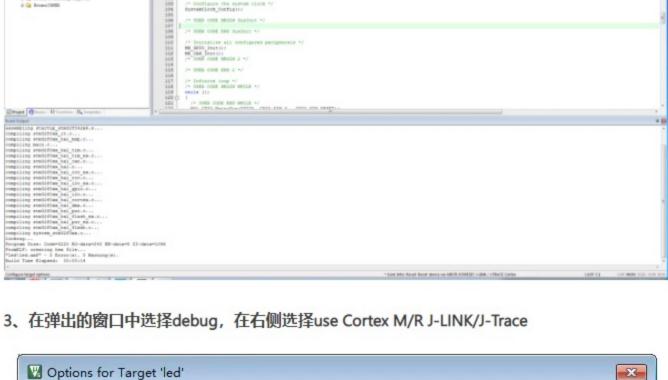
## 1、打开Keil 5, 打开一个工程并完成你所需要的设计, 并编译程序。

```
/- need code section burdener no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /* 7568 0006 690 System 1/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         No. 13 - SIES COSE SER SETTE -/
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SEE SETTE SETTE
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RCC_CONTRACT/SHADE RCC_CONTRACT/SHADE = 1110
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                                               /F THE CHE SELDS THEOLY TO
                                               /* 3568 CODE END SUNDAY */
                                               /= DEER CODE BED 2 =/
2、选择options for target.....
```

C Use Simulator

Limit Speed to Real-Time



Linker Debug Utilities

ULINK Pro Cortex Debugger

ULINKplus Debugger

Settings

p main()

•

ize: 0x00008000

Help

HAL\_GPIO\_WritePin(GPIOA, GPIO\_PIN\_0 , GPIO\_PIN\_SE:

:art: 0x08000000

Remove

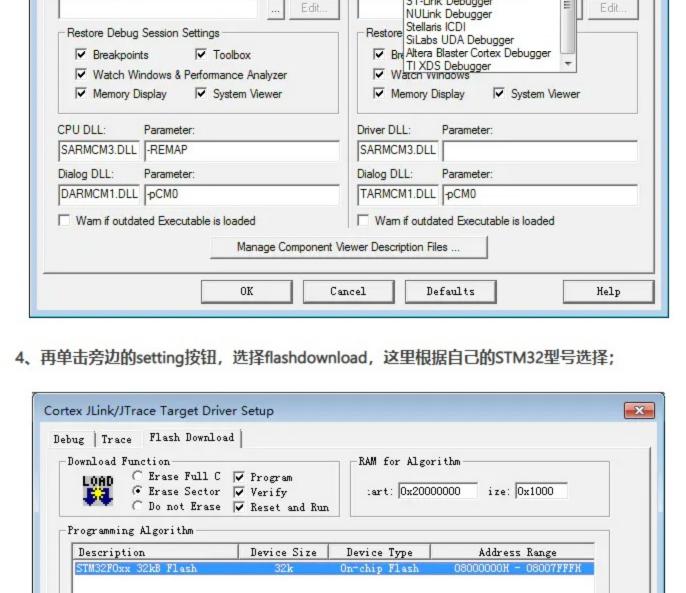
Use: J-LINK / J-TRACE Cortex

Load CMSIS-DAP Debugger ✓ Load Application at Startup ✓ Run to main() Initialization File: Initializatio Models Cortex-M Debugger ST-Link Debugger

Settings

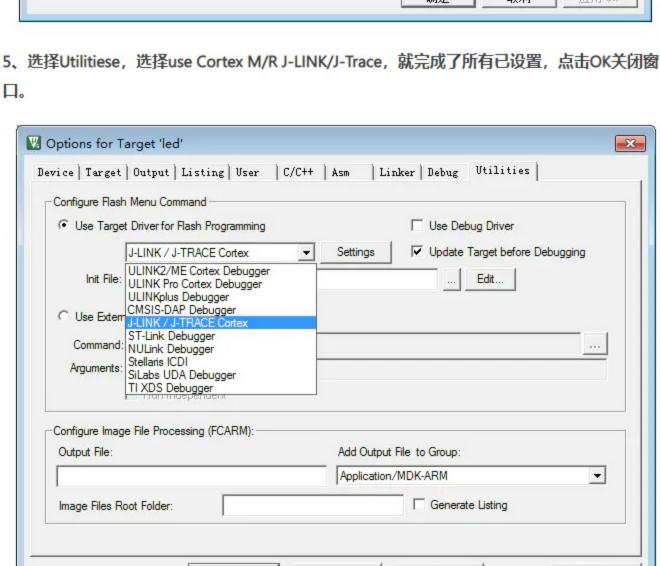
Device | Target | Output | Listing | User | C/C++ | Asm

with restrictions



确定 取消

Add



```
6.点击Download开始下载;
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NN GMTO Instal
NN GAM Instal
/* TANK COOK RECOR 2 */
                                                                                                      /* SHER COOK 390 2 */
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```

Cancel

Defaults

Build Output

7、下载OK;

dang...
open Sare: Code=5220 B0-data=200 BS-da
oELF: oresting bes Sile...
ofClod.osC\* - 0 Socor(e), 0 Harming(e).
thi Time Elegend: 00:00:14

```
* JLink Info: ROMTb1[0][0]: E000E000, CID: B105E00D, PID: 000BB008 SCS
* JLink Info: ROMTb1[0][1]: E0001000, CID: B105E00D, PID: 000BB00A DWT
* JLink Info: ROMTb1[0][2]: E0002000, CID: B105E00D, PID: 000BB00B FPB
ROMTableAddr = 0xE00FF000
* JLink Info: Reset: Halt core after reset via DEMCR.VC_CORERESET.
* JLink Info: Reset: Reset device via AIRCR.SYSRESETREQ.
Target info:
Device: STM32F042F6Px
VTarget = 3.312V
State of Pins:
TCK: 0, TDI: 0, TDO: 1, TMS: 1, TRES: 1, TRST: 0
Hardware-Breakpoints: 4
Software-Breakpoints: 8192
Watchpoints:
JTAG speed: 500 kHz
Erase Done.
Programming Done.
Verify OK.
* JLink Info: Reset: Halt core after reset via DEMCR.VC CORERESET.
* JLink Info: Reset: Reset device via AIRCR.SYSRESETREQ.
Application running ...
Flash Load finished at 18:59:22
```

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愿你出走半生,归来仍是少年...