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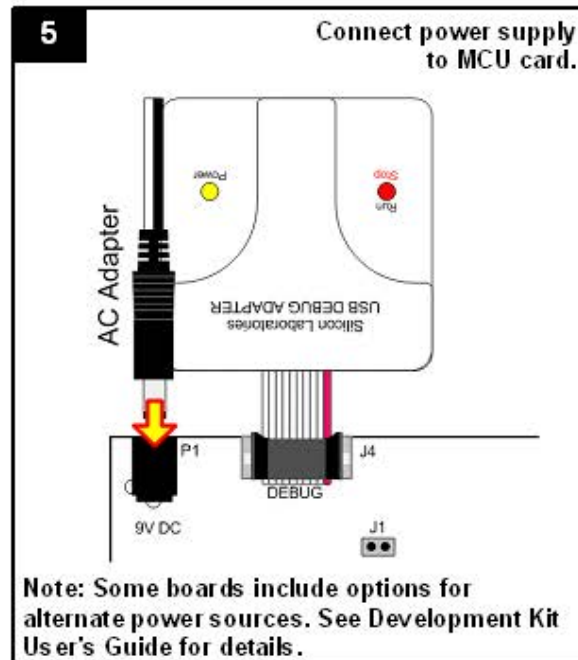
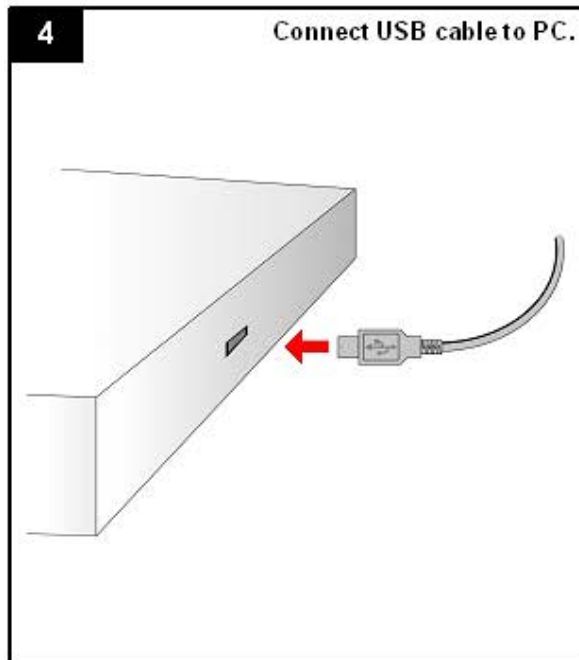
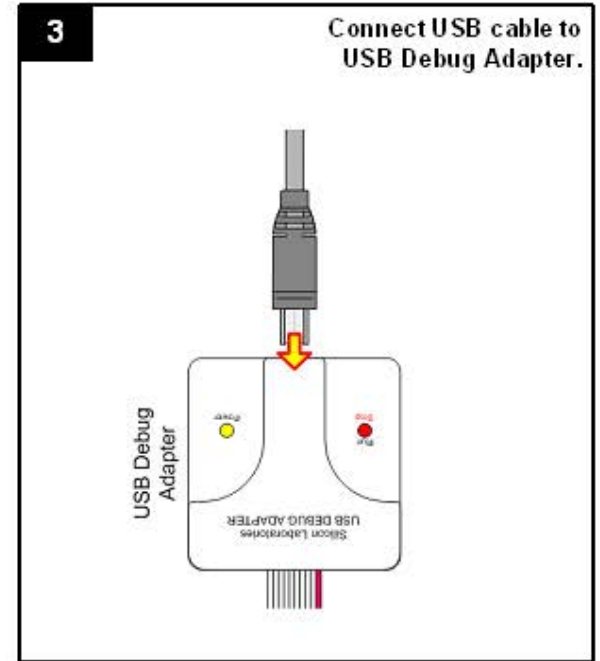
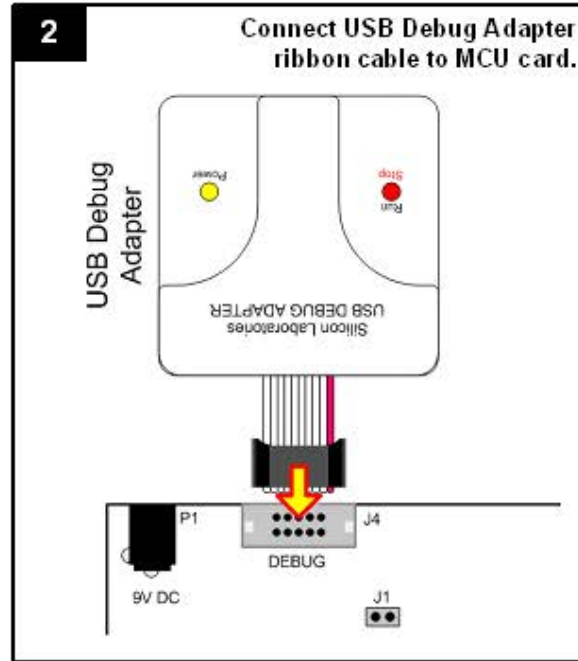
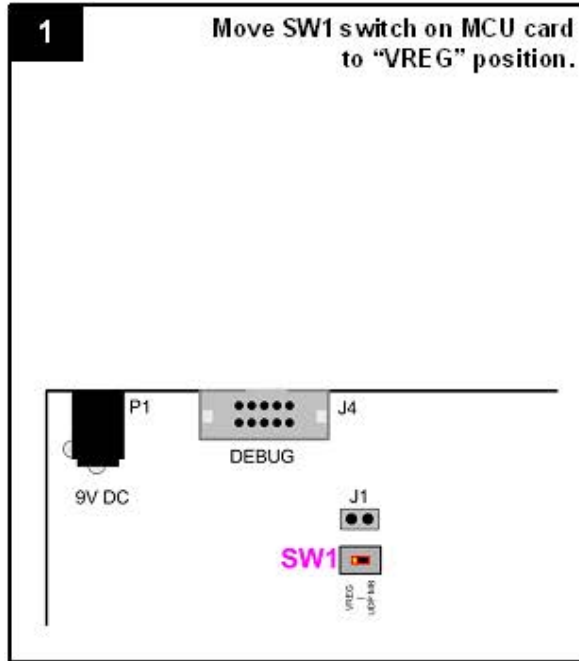
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# C8051F390-A-DK AND C8051F370-A-DK DEVELOPMENT KIT QUICK-START GUIDE

## Installation



**6** Download all the latest software tools and documentation from the Silicon Labs website URL shown below.

<http://www.silabs.com/mcudownloads>



Note: Choose the Silicon Labs 8-bit Development Tools download package from that web page and install the components.

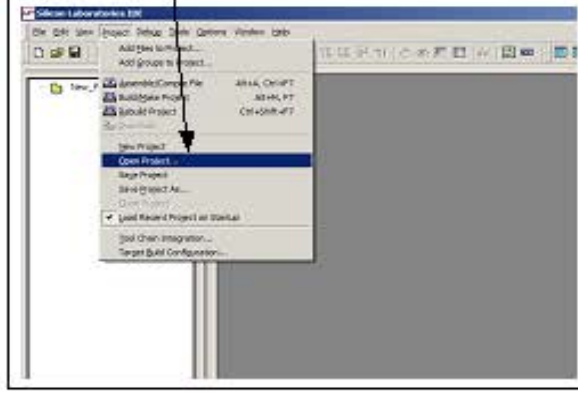
Note: Refer to Application Note AN104 for Keil tools et installation instructions. Use product serial number VN94 S-LF15J-XZRT3.

- 7** The Silicon Labs 8-bit Development Tools download package includes the following components and more:
- + Silicon Labs IDE
  - + Firmware Examples
  - + 8051 Evaluation Toolset
  - + Configuration Wizard
  - + Flash Programming Utilities
  - + Production Programmer
  - + CP210x VCP Driver
  - + Keil uVision Driver
  - + Development Kit User's Guide
  - + MCU Datasheet
  - + Additional Documentation



# Example Program

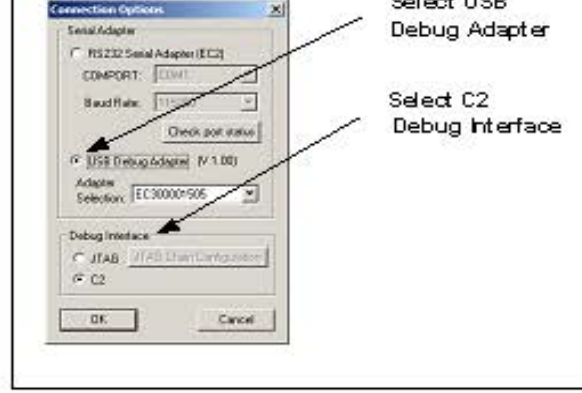
**10** Open project file "<Family>\_Blinky\_C.vsp" located at "C:\SiLabs\MCU\Examples<Family>Blinky"



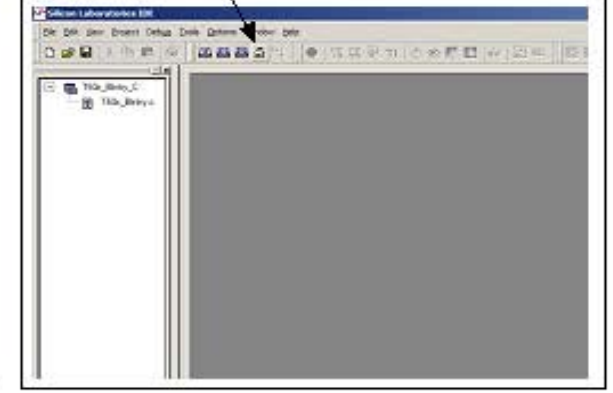
**11** Select "Connection Options..." from "Options" menu.

Select USB Debug Adapter

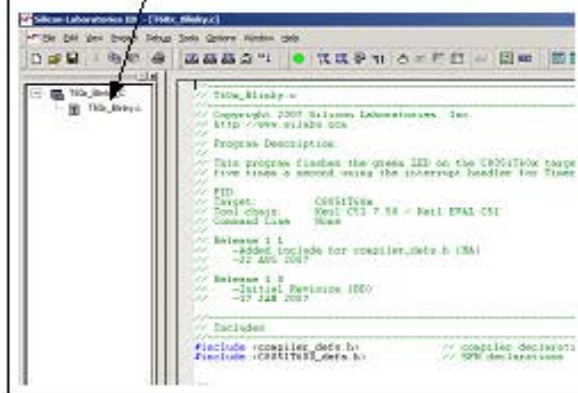
Select C2 Debug Interface



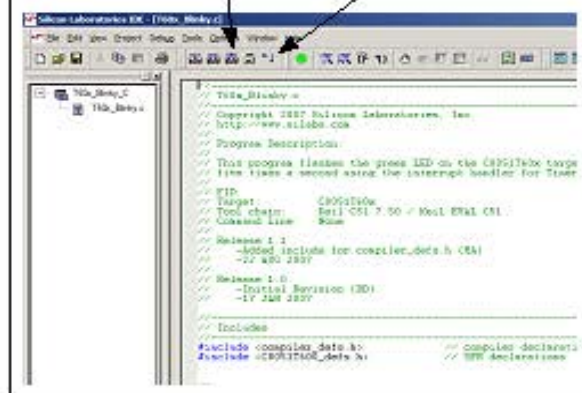
**12** Connect to Target Board.



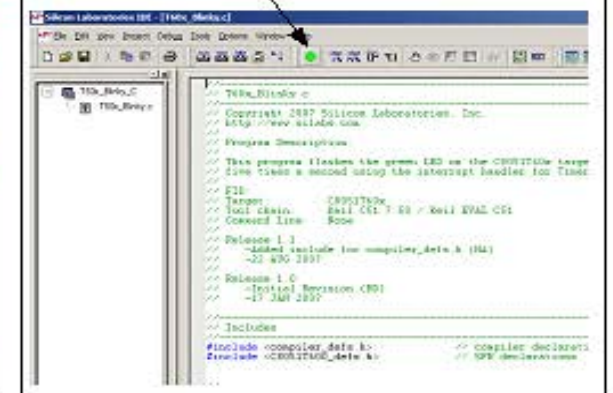
**13** Click on "<Family>\_Blinky.c" to open source file.



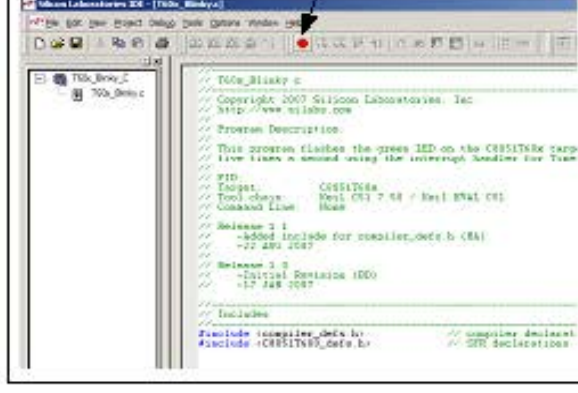
**14** Build and Download the program.



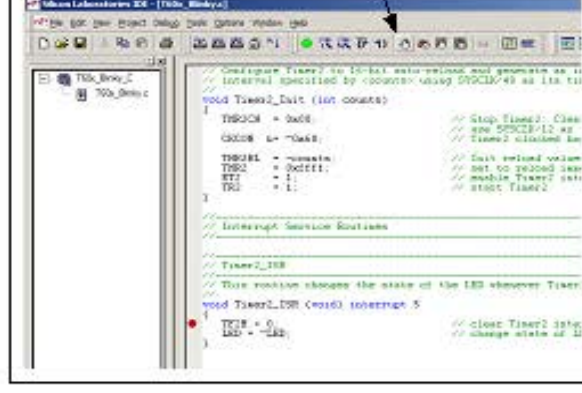
**15** Execute example program. Green LED on target board flashes as program runs.



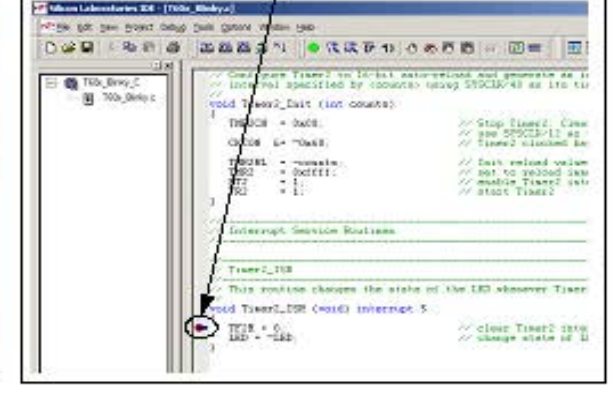
**16** Stop execution of example program.



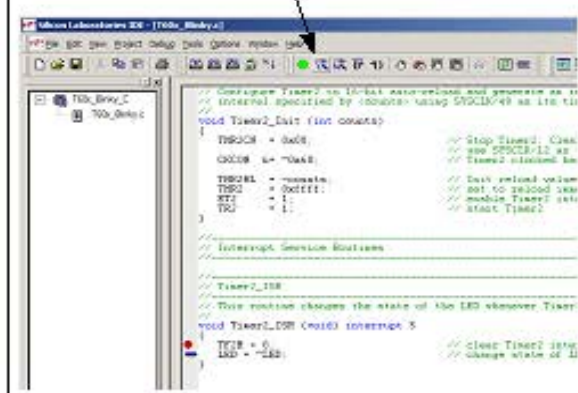
**17** Set a breakpoint.



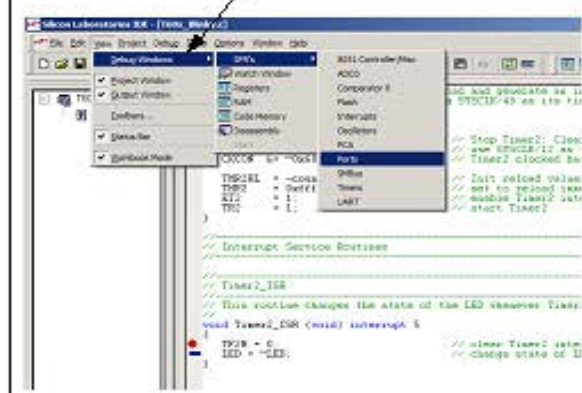
**18** Execute program breakpoint encountered.



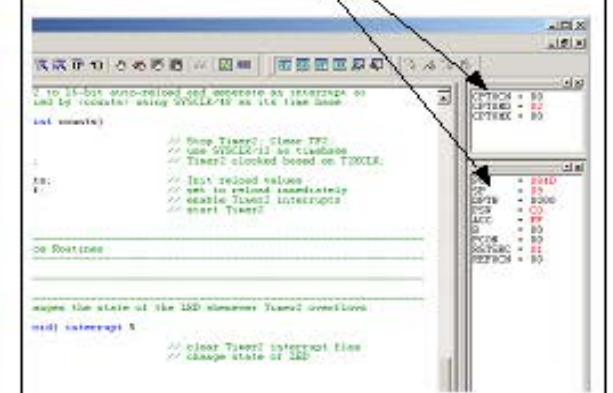
**19** Step through program.



**20** Open Debug windows.



**21** View/modify Peripherals, Registers, Memory.



If you are having trouble installing and/or using the development kit, please use the following support resources:

- C8051F39x/7x Development Kit User's Guide (Default path: C:\SiLabs\MCU\Documentation\UsersGuides\)
- Application Note "AN104: Integrating Keil 8051 Tools Into the Silicon Labs IDE" (contains instructions for obtaining the 4 k limited version of the Keil toolset)
- Latest versions of Application Notes can be found at <http://www.silabs.com/products/mcu/Pages/8-Bit-Microcontrollers.aspx>
- MCU Knowledgebase (available at [www.silabs.com](http://www.silabs.com) → SUPPORT)
- Contact an Applications Engineer using the online information request form (available at [www.silabs.com](http://www.silabs.com) → SUPPORT).