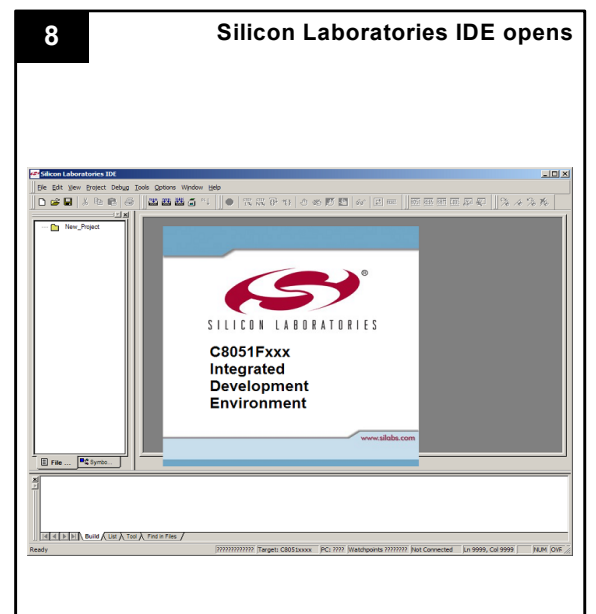
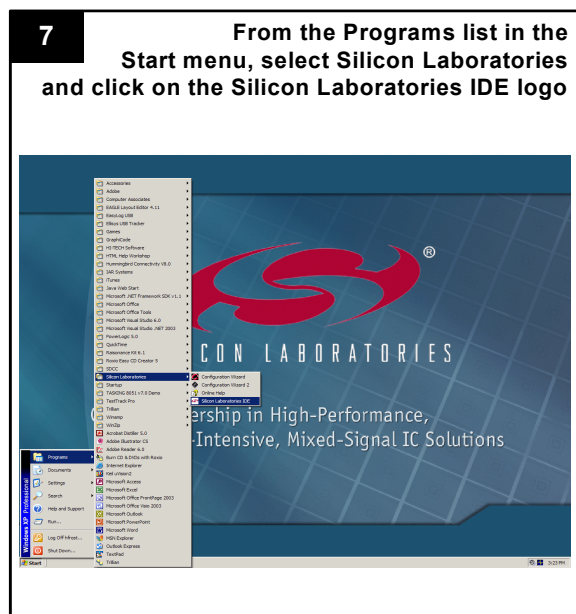
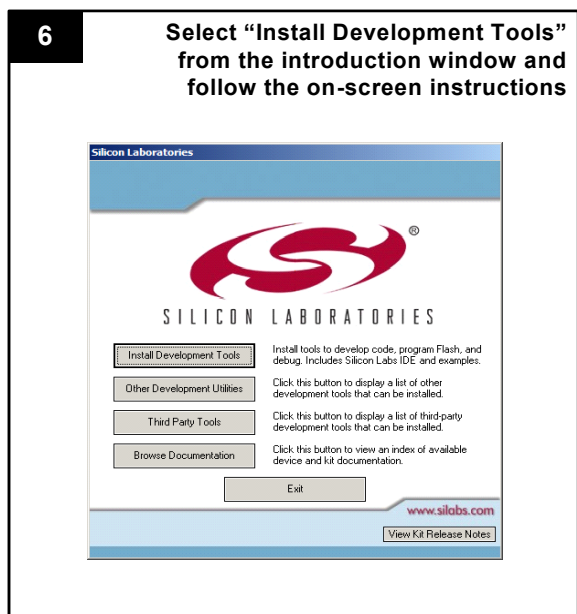
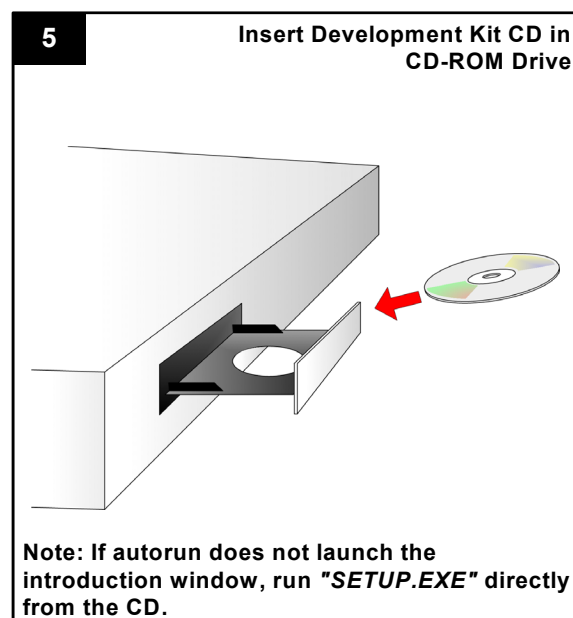
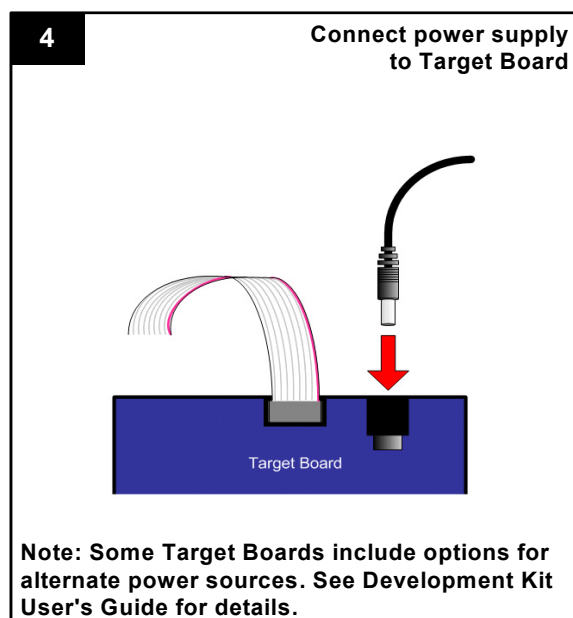
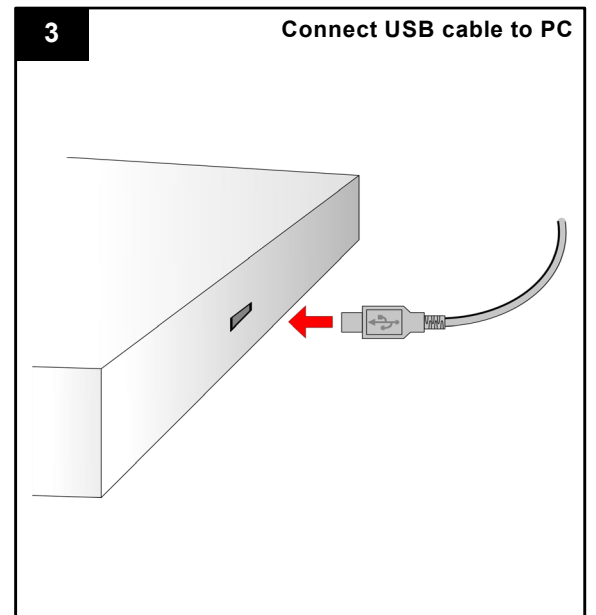
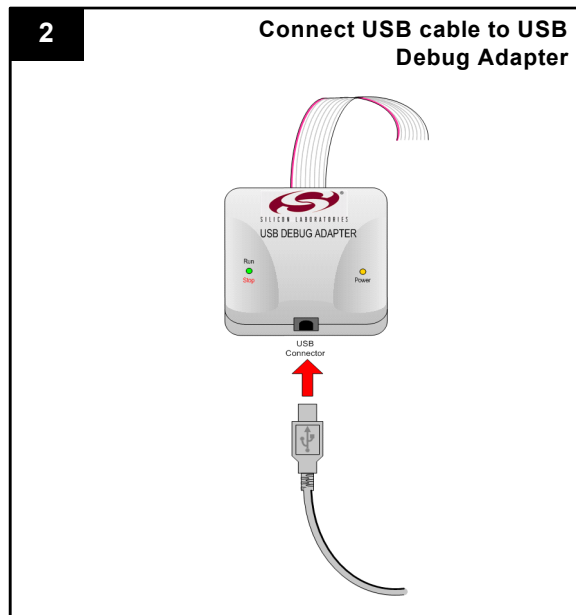
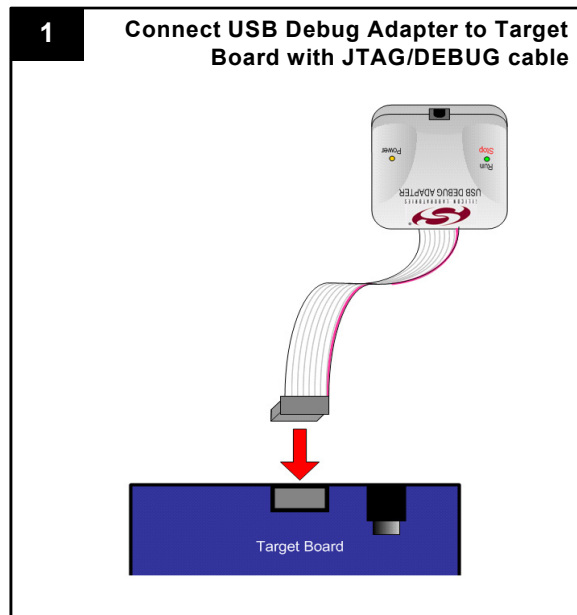


C8051FxxxDK DEVELOPMENT KIT QUICK-START GUIDE FOR KITS FEATURING THE USB DEBUG ADAPTER

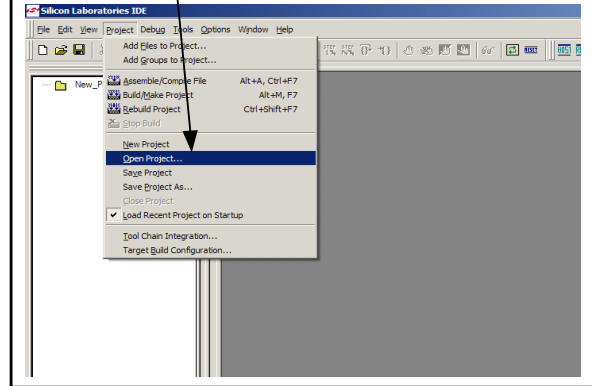
Installation



Example Program

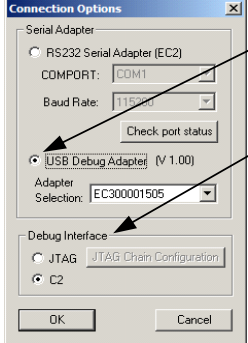
9

Open project file "<Family>_Blinky_C.wsp" located at "C:\SiLabs\MCU\Examples\<Family>Blinky"



10

Select "Connection Options..." from "Options" menu



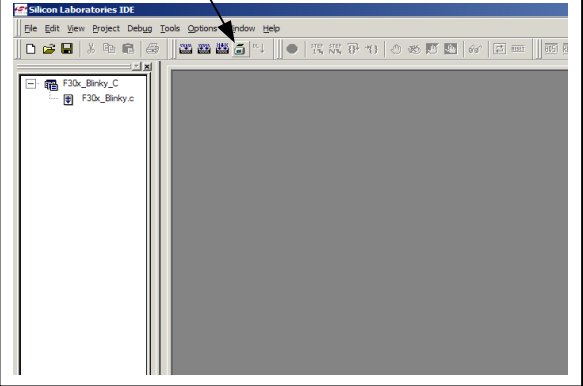
Select USB Debug Adapter

Select Correct Debug Interface

C8051F0xx → JTAG
C8051F1xx → JTAG
C8051F2xx → JTAG
C8051F3xx → C2
C8051F4xx → C2
C8051F5xx → C2
C8051F9xx → C2

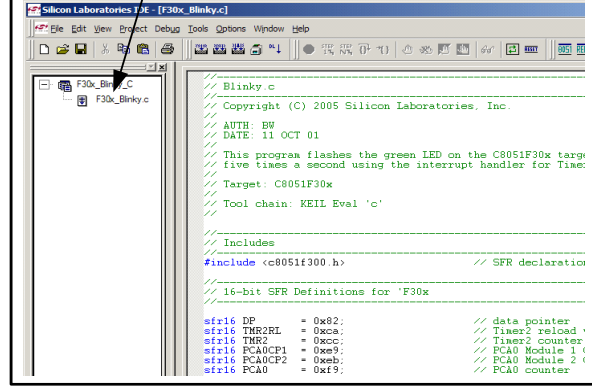
11

Connect to Target Board



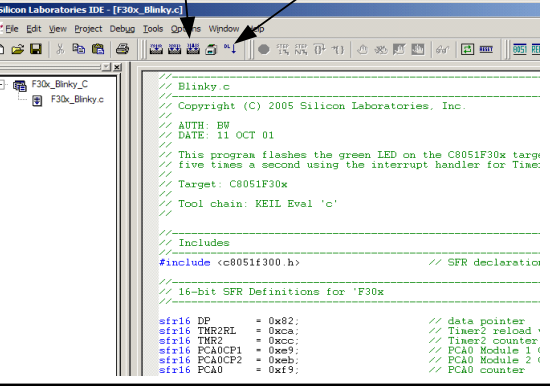
12

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



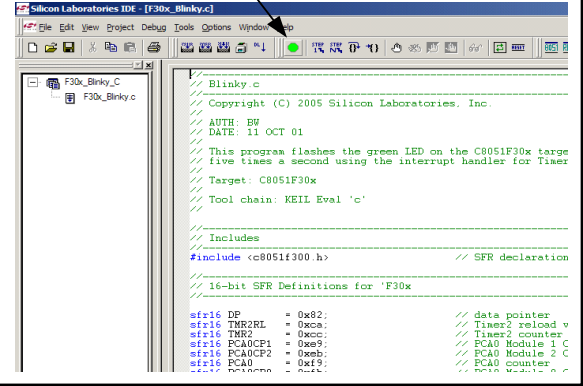
13

Build and Download the program



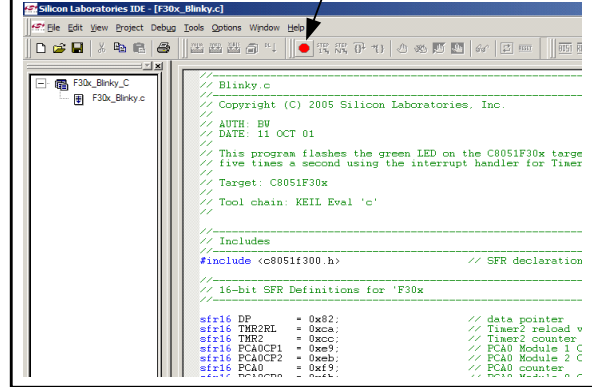
14

Execute example program Green LED on target board flashes as program runs



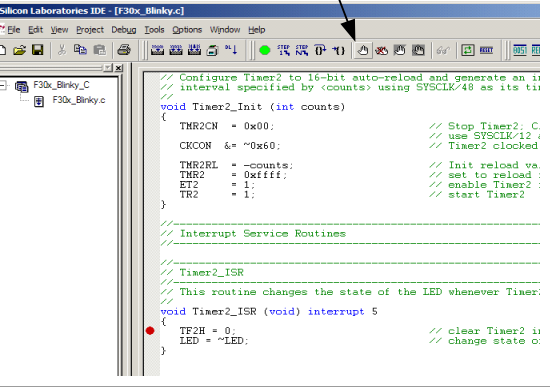
15

Stop execution of example program



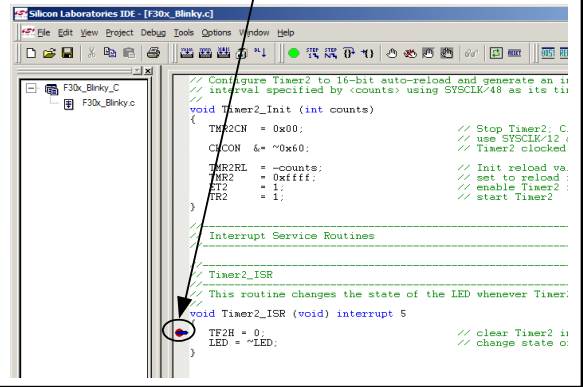
16

Set a breakpoint



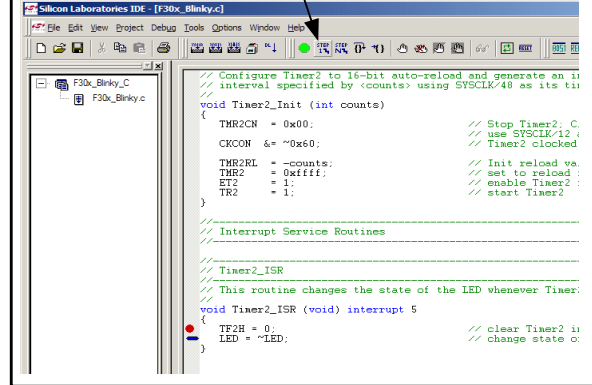
17

Execute program breakpoint encountered



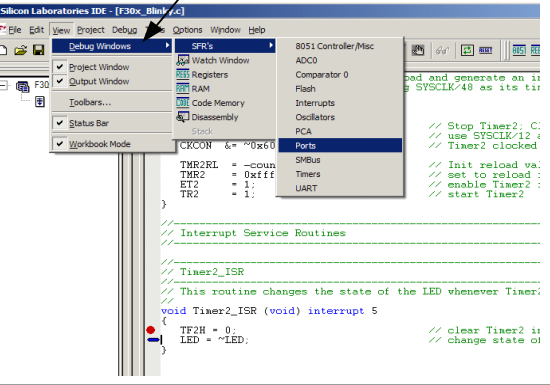
18

Step through program



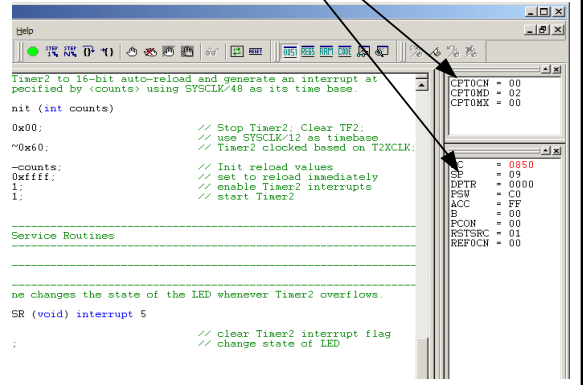
19

Open Debug windows



20

View/modify Peripherals, Registers, Memory



- If you are having trouble installing and/or using the development kit, please use the following support resources:
- C8051Fxxx Development Kit User's Guide (click "Browse Documentation" from the CD introduction window)
 - 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/microcontroller/applications.asp>
 - MCU Knowledgebase (available at www.silabs.com → SUPPORT)
 - Contact an Applications Engineer using the online information request form (available at www.silabs.com → SUPPORT).