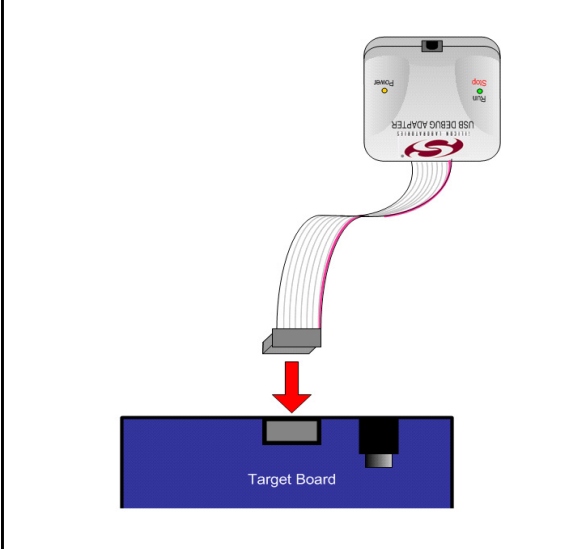


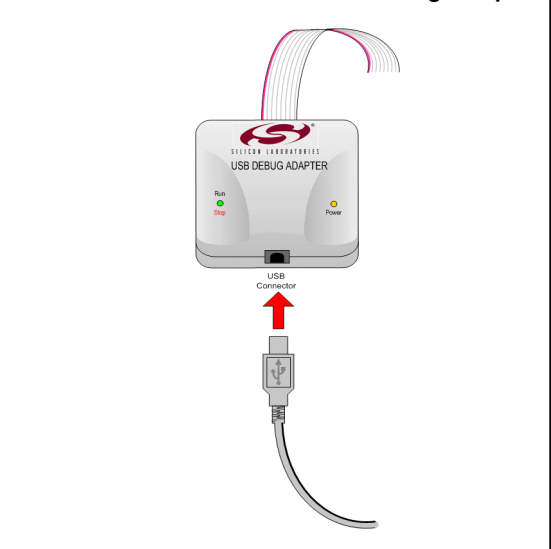
C8051FxxxDK DEVELOPMENT KIT QUICK-START GUIDE FOR KITS FEATURING THE USB DEBUG ADAPTER

Installation

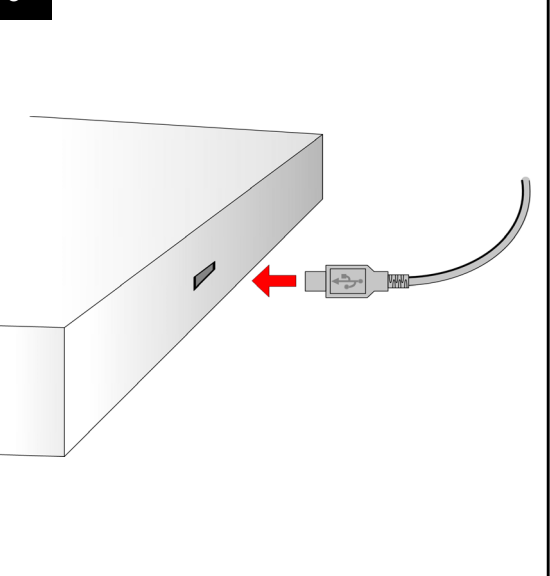
1 Connect USB Debug Adapter to Target Board with JTAG/DEBUG cable



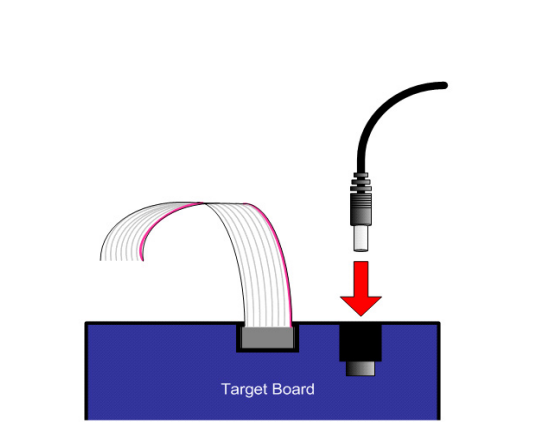
2 Connect USB cable to USB Debug Adapter



3 Connect USB cable to PC

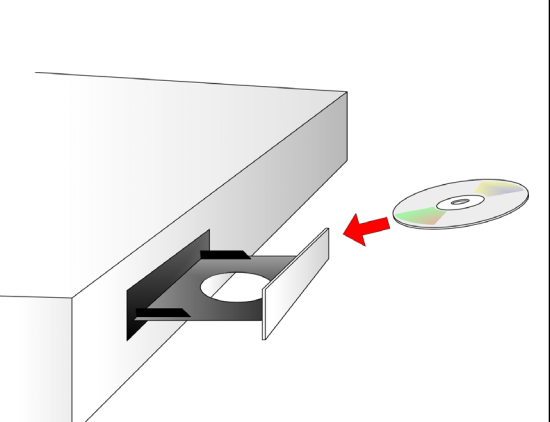


4 Connect power supply to Target Board



Note: Some Target Boards include options for alternate power sources. See Development Kit User's Guide for details.

5 Insert Development Kit CD in CD-ROM Drive



Note: If autorun does not launch the introduction window, run "SETUP.EXE" directly from the CD.

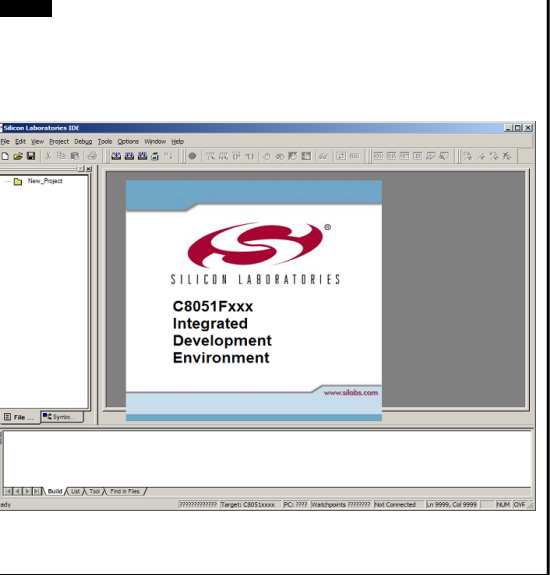
6 Select "Install Silicon Laboratories IDE" from the introduction window and follow the on-screen instructions



7 From the Programs list in the Start menu, select Silicon Laboratories and click on the Silicon Laboratories IDE logo



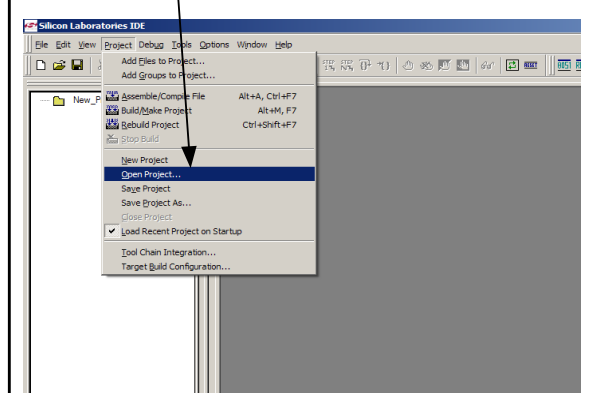
8 Silicon Laboratories IDE opens



Example Program

9

Open project file "BLINK.WSP" in "Examples" directory



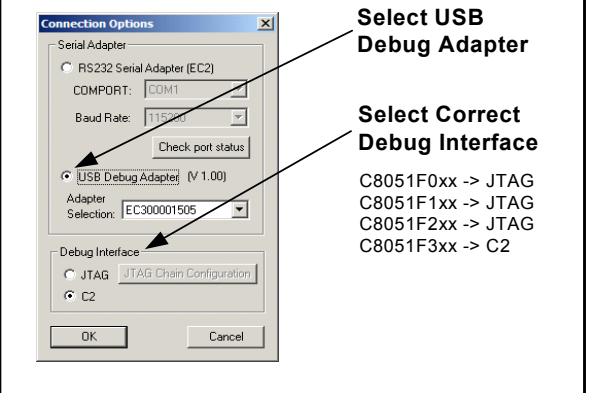
10

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

Select USB Debug Adapter

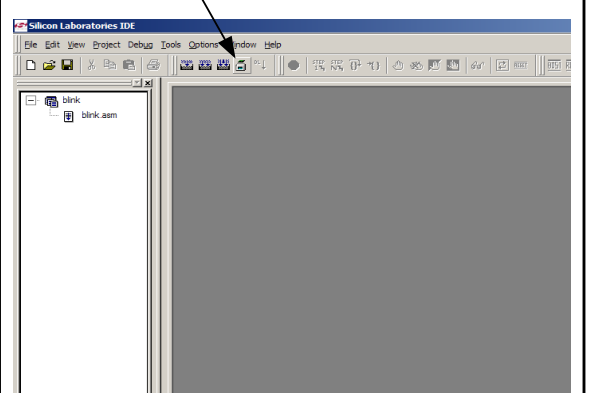
Select Correct Debug Interface

C8051F0xx -> JTAG
C8051F1xx -> JTAG
C8051F2xx -> JTAG
C8051F3xx -> C2



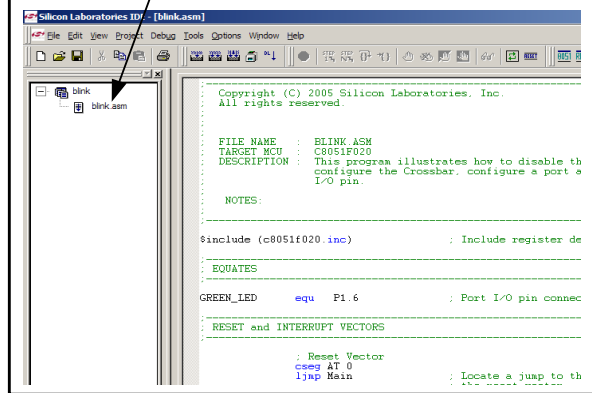
11

Connect to Target Board



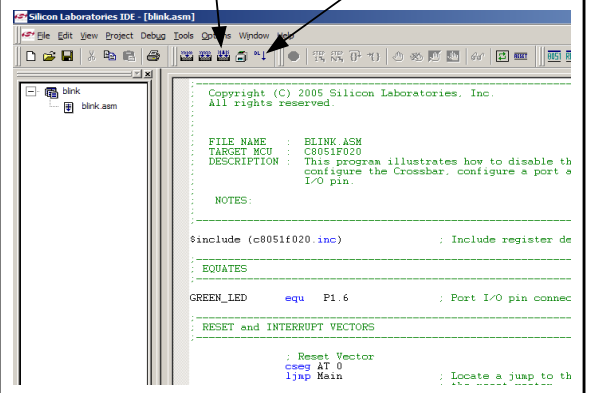
12

Click on "BLINK.ASM" to open source file



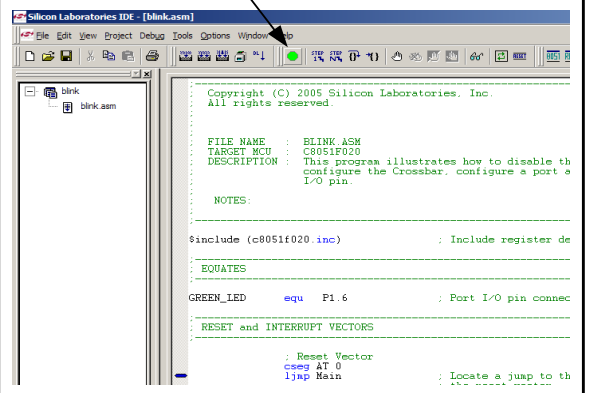
13

Build and Download the program



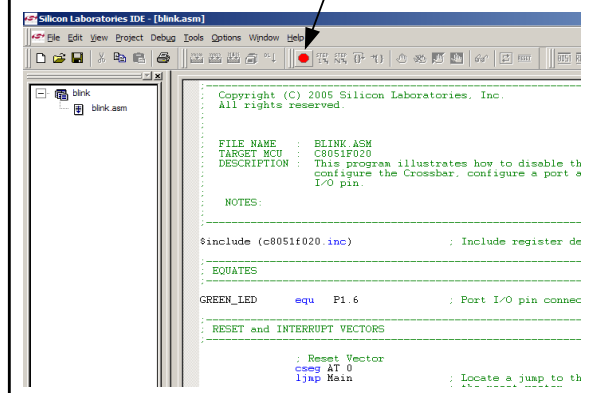
14

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



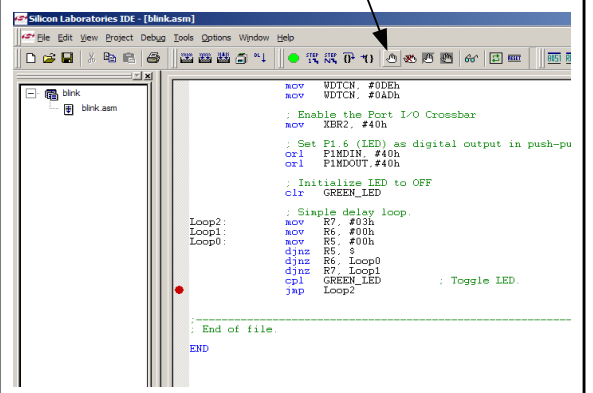
15

Stop execution of example program



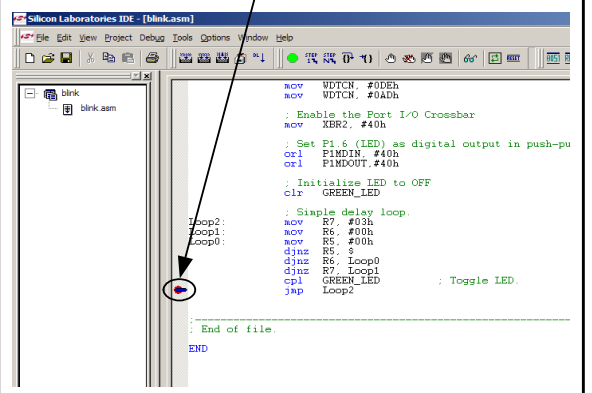
16

Set a breakpoint



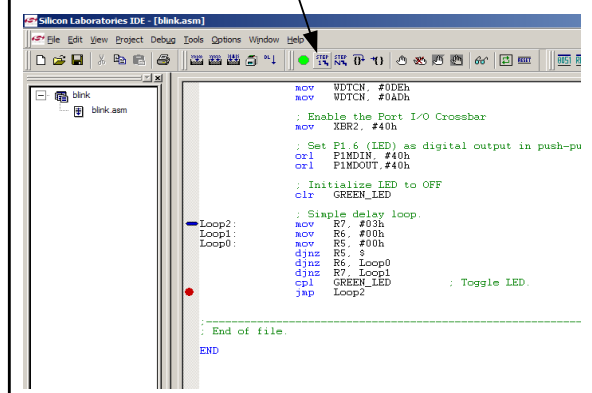
17

Execute program - breakpoint encountered



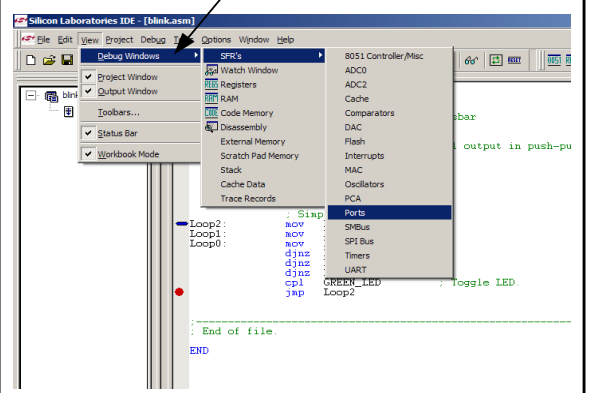
18

Step through program



19

Open Debug windows



20

View/modify Peripherals, Registers, Memory

