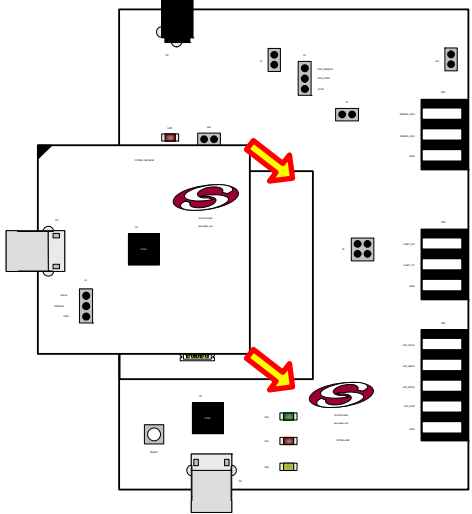


CP2501DK DEVELOPMENT KIT QUICK-START GUIDE

Installation

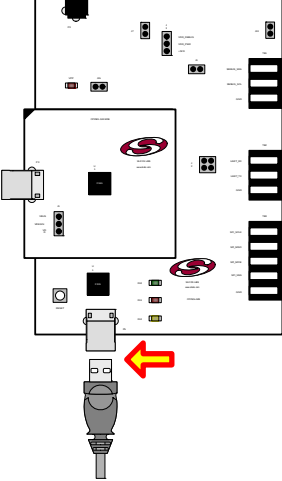
1

Connect the Daughter Board to the Main Board socket connector.



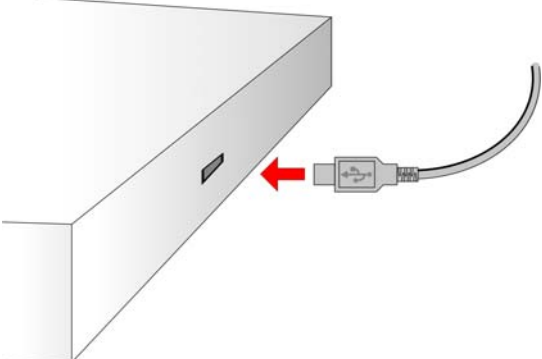
2

Connect USB cable to Main Board DEBUG connector.



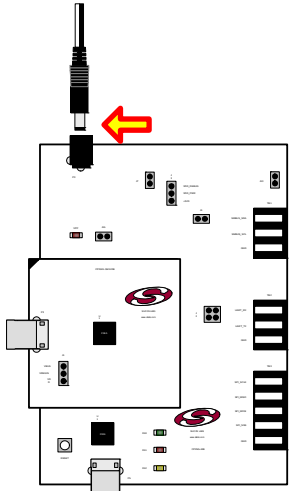
3

Connect USB cable to PC.



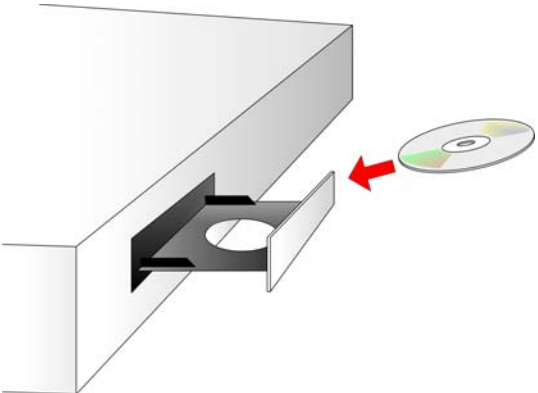
4

Connect power supply to Main Board.



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.



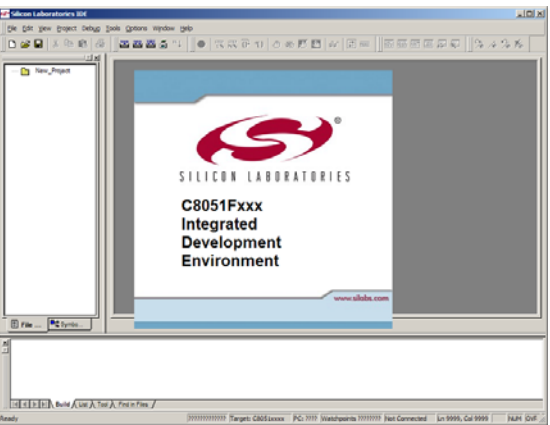
7

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



8

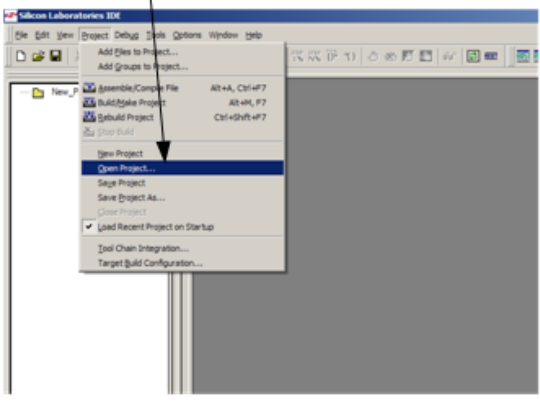
Silicon Laboratories IDE opens.



Example Program

9

Open project file "CP250x_NoScreen_Raisonance.wsp" located at "C:\SilLabs\MCU\Examples\CP250x\NoScreen".

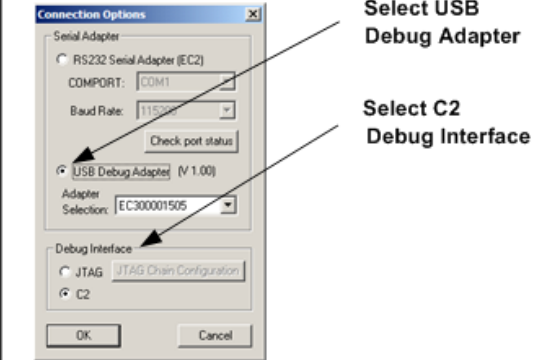


10

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

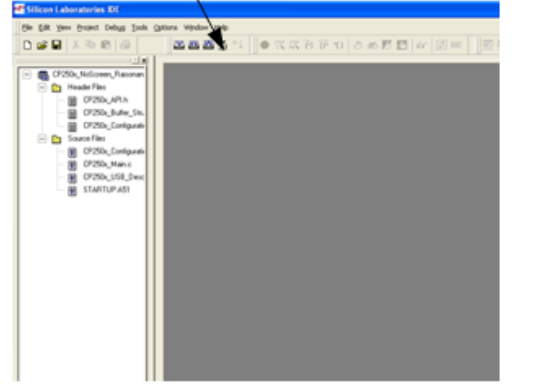
Select USB Debug Adapter

Select C2 Debug Interface



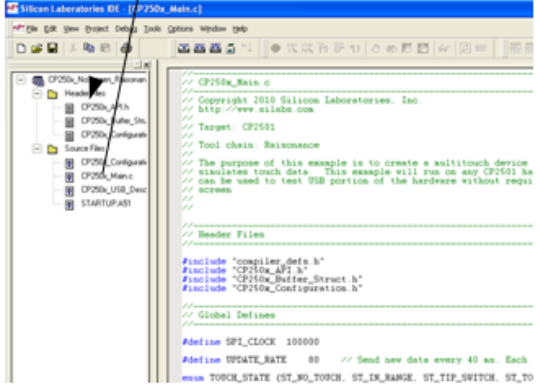
11

Connect to Target Board.



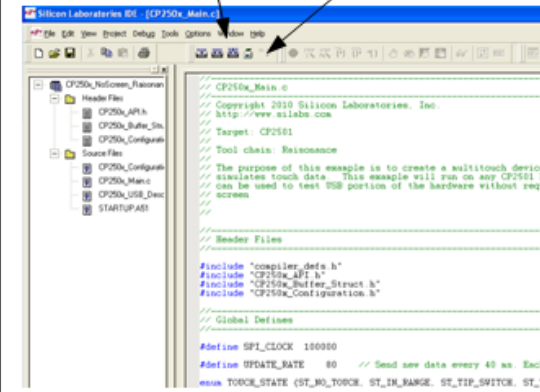
12

Click on "CP250x_Main.c" to open source file.



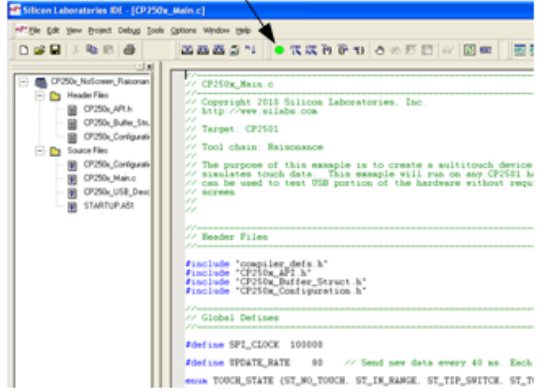
13

Build and Download the program.



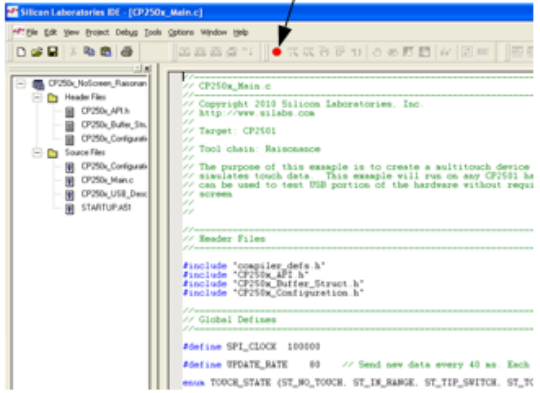
14

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



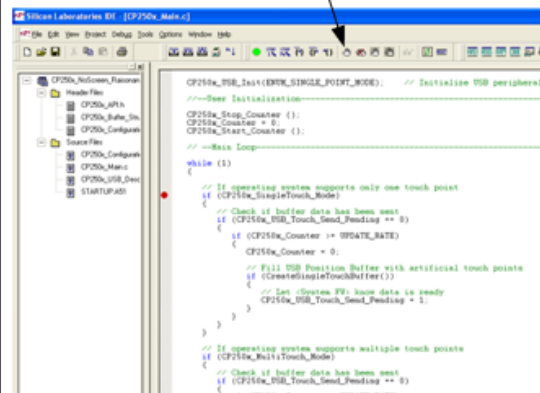
15

Stop execution of example program.



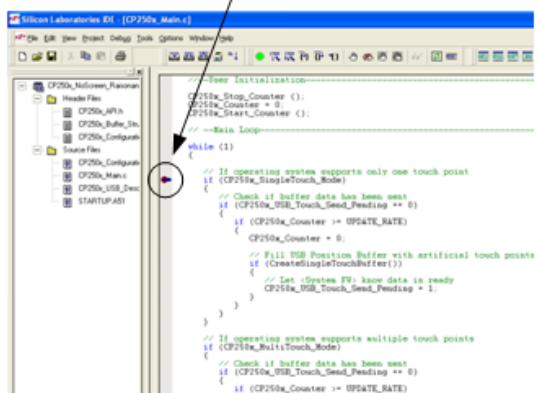
16

Set a breakpoint.



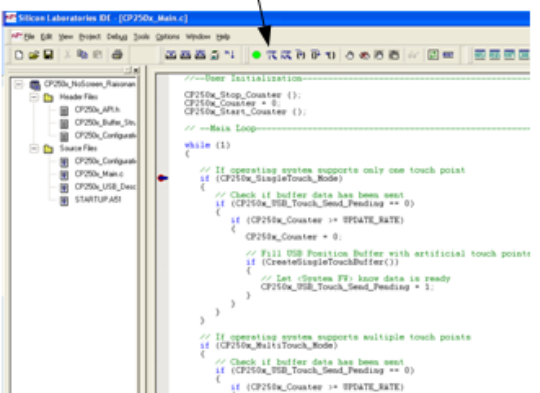
17

Execute program breakpoint encountered.



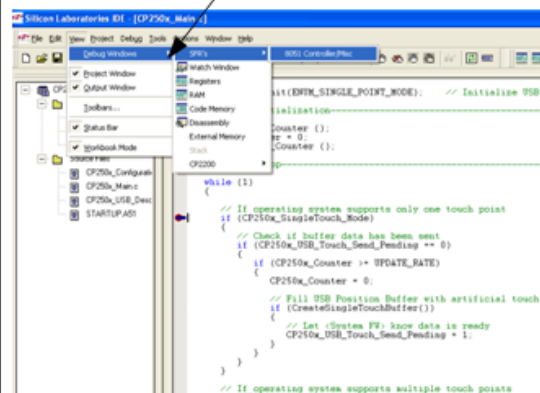
18

Step through program.



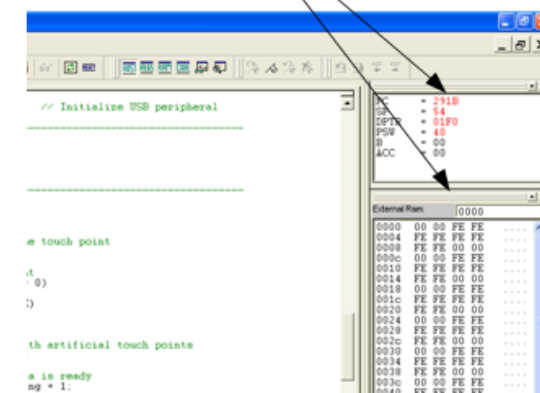
19

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:

- CP2501 Development Kit User's Guide (click "Browse Documentation" from the CD introduction window)
- 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).