

TDS510USB Code Composer Studio Setup Configuration Create Board for CCS 3.1

Note: Please first run the setup.exe located at TDS510USB CDROM

1. In the Code Composer Studio 3.1 Setup program, select the “Create Boards” tab (as in Figure 1)

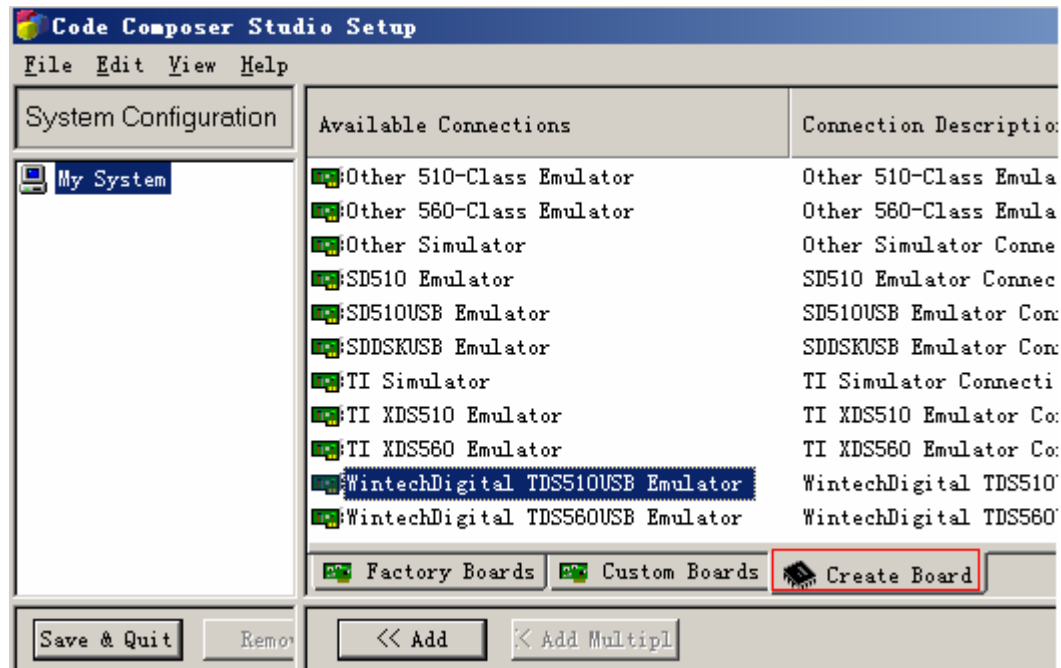


Figure 1

2. Drag the “WintechDigital TDS510USB Emulator” from the Available Connections list into the left pane (System Configuration) (as in Figure 2)



Figure 2

3. Enter the Connection Properties dialog box that would appear:

3.1 Enter the Connection Name: TDS510USB. Then, from the drop-down list, choose "Auto-generate board data file with extra configure file". Browse to your ccs\cc\bin\wtusb5102.cfg file (as in Figure 3).

3.2 Select the "Connection Properties" tab and set the "Emulator I/O Port". Please select "TDS510USB is at port x0240" or use the "User Defined" (as in Figure 4).



Figure 3

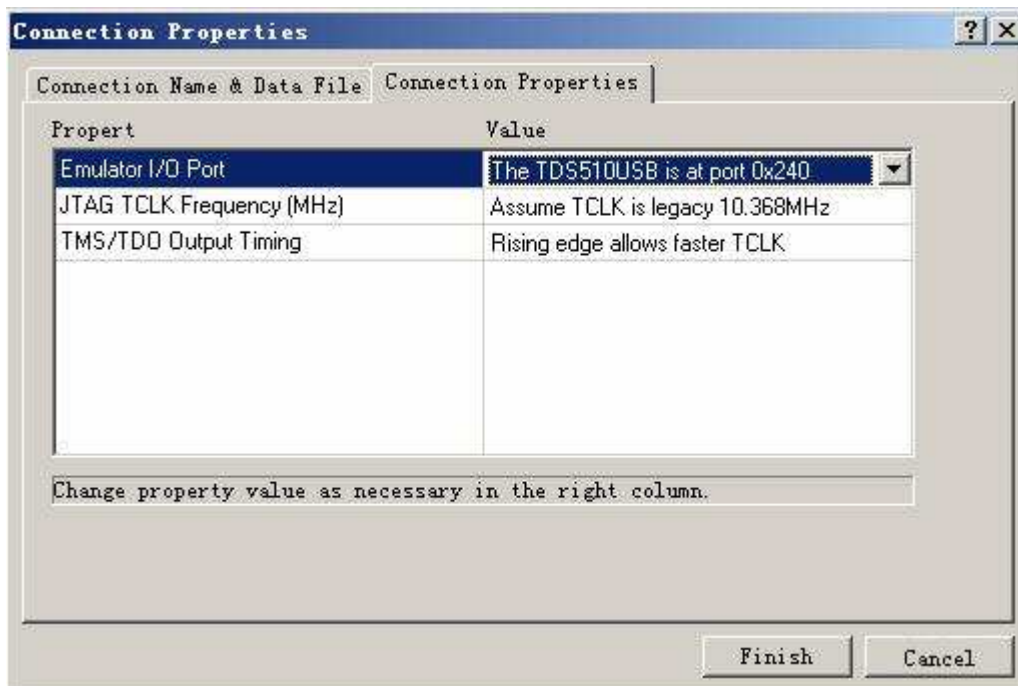


Figure 4

4. Finish the Connection Properties dialog box:

Drag the “TMS320C2800”(Or Any Processor Type) from the Available Processor Type list into the left pane (System Configuration) (as in Figure 5)

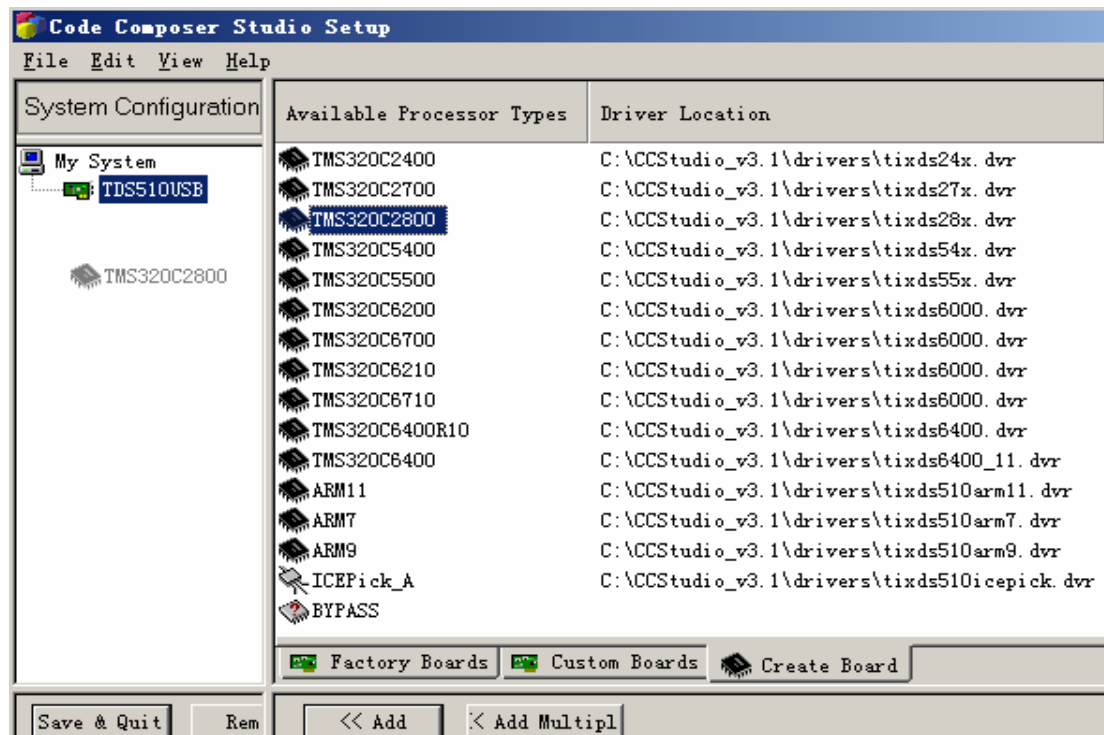


Figure 5

5., Enter the Processor Properties dialog box that would appear:

Click on the GEL file and browse for the appropriate GEL file for the board. In our example it is located at C:\CCStudio_v3.1\cc\gel\F2812.gel (as in Figure 6).

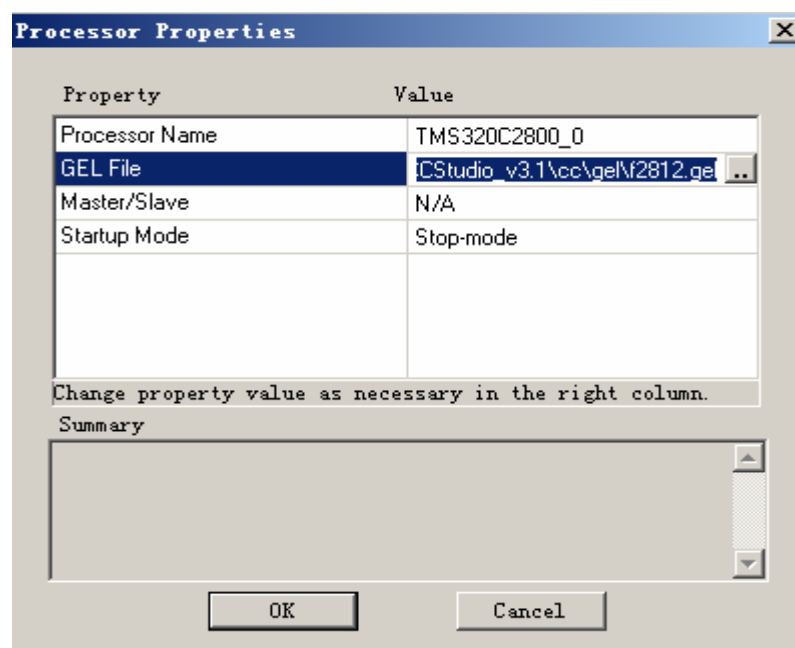


Figure 6

4. Next, save the configuration permanently by using the File/Export menu and choose the import subfolder. From now on, this setup will be available in the Custom Boards tab for easy retrieval when working with many different boards and emulators.
5. Next, click Save & Quit button and start Code Composer Studio. Please make sure to click on Debug/Connect in CCS main menu to connect to the emulator (the older versions of CCS connected to emulators automatically). (as in Figure 7)

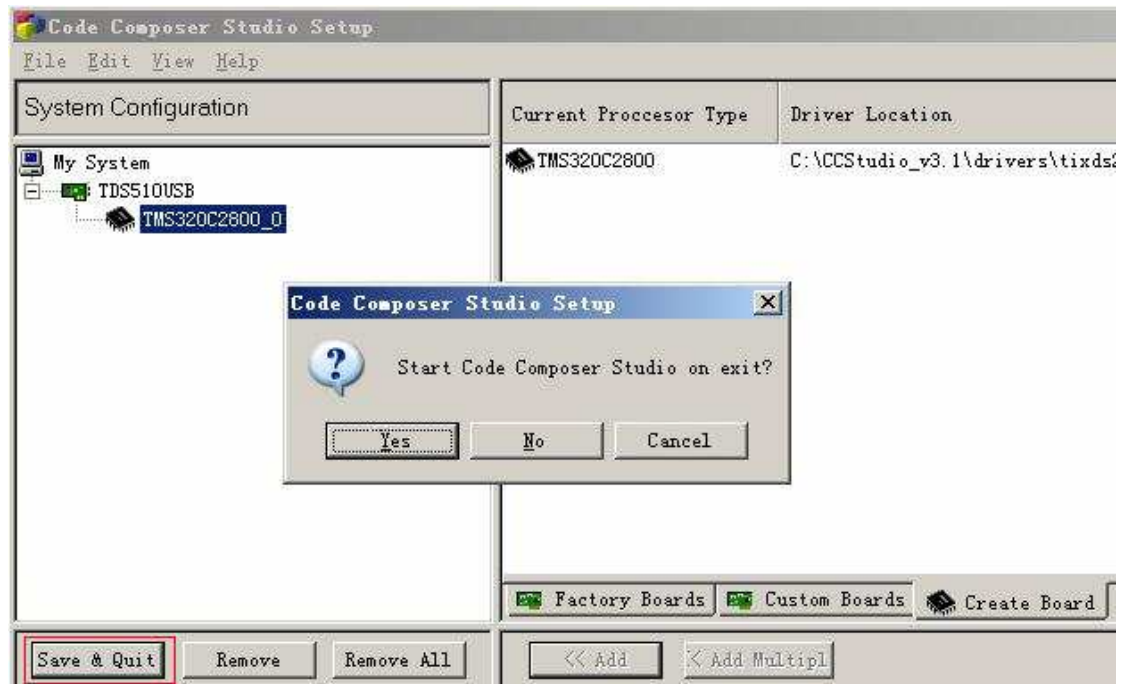


Figure 7