# Procedure

**Note:** If you have already installed CCSv5.1, please skip the CCS installation procedure.

## Download and Install Code Composer Studio 5.1

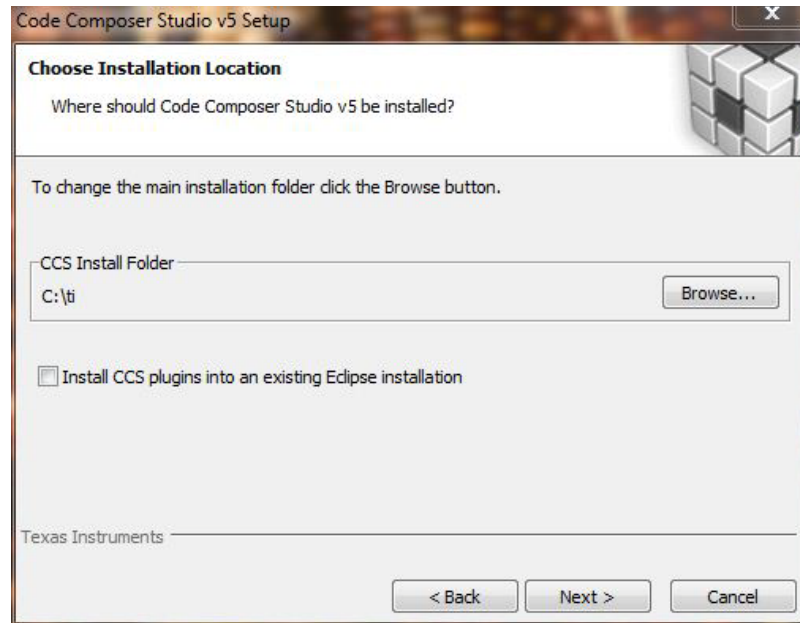1. Click the following link to be directed to the CCS download Wiki:

   http://processors.wiki.ti.com/index.php/Download_CCS

2. You can use either the web installer or offline installer. Using the web installer will limit your download to only the components that you select. The offline installer contains all the possible content, so will likely be much larger than the web installation. The following steps will cover the web installation method. Click the **web installer** link as shown below:
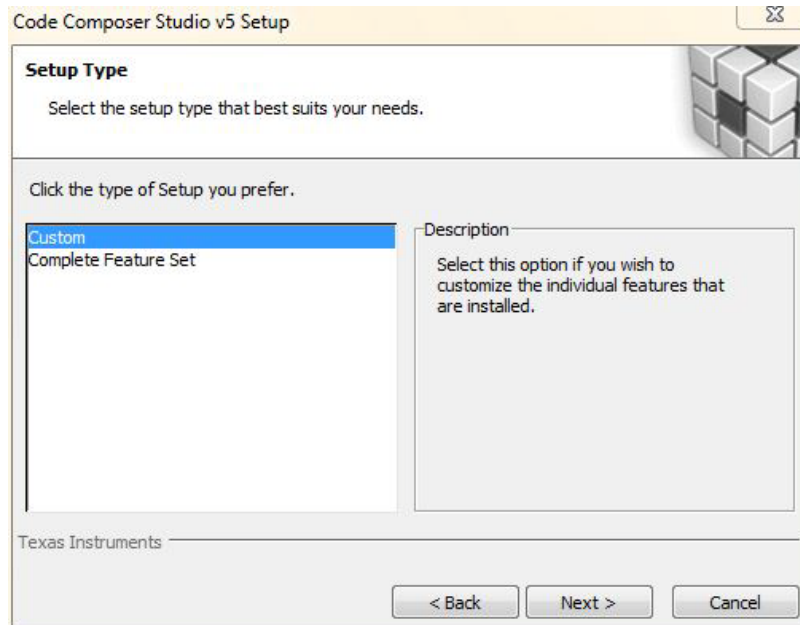
| Release | Build # | Date | Download |
|---------|---------|------|----------|
| CCSv5.1.x | | | |
| 5.1.0 | 5.1.0.09000 | November 3, 2011 | Windows (web installer) 1.9MB |
| | | | Windows (offline installer) 1200MB |
| | | | Linux (web installer) 1.7MB |
| | | | Linux (offline installer) 1100MB |

3. This will direct you to the "my.TI Account" where you will need to log in (note you must have a TI log in account to proceed). Once you agree to the export conditions you will either be e-mailed a link or be directed to a web page with the link. Click on the link.

4. Be sure to disconnect any evaluation board that you have connected to your PCs USB port(s). When you are prompted to run or save the executable file, select **Run**.

5. When the installation program runs, accept the license agreement and click **Next**.
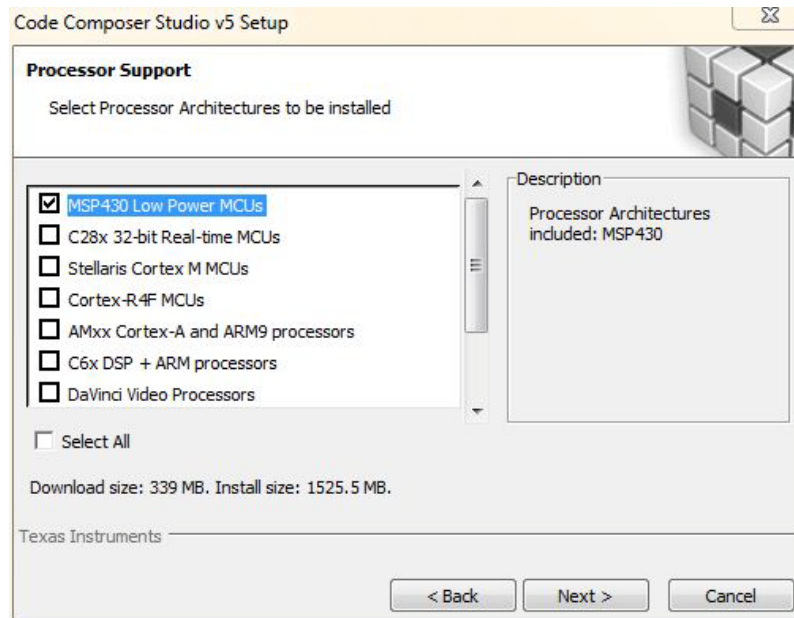
6. When the **Choose Installation Location** dialog appears, we suggest that you install Code Composer in the default `C:/ti` folder. Click **Next**.
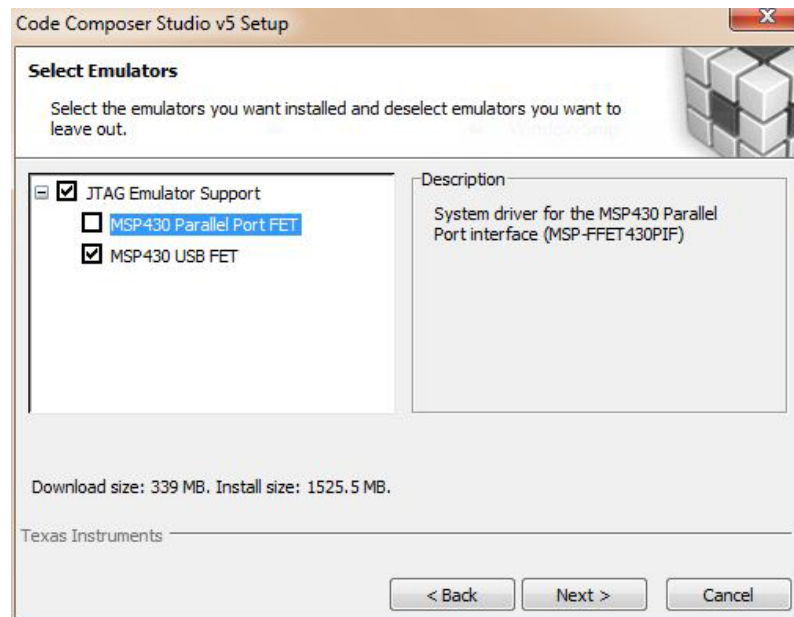


7. In the **Setup Type** dialog, select Custom and click **Next**.

8. In the **Select Processor Support** dialog, you will select the devices that Code Composer will support. More devices mean a larger installation and a longer installation time. The free 16kb code size limited version is available if you only select MSP430. If you are also attending another workshop, like the StellarisWare workshop, you should select Stellaris Cortex M MCUs also. In these steps, we'll install the free version of the tools. Select **MSP430 Low Power MCUs** and click **Next**.



9. When the **Select Components** dialog appears, click **Next**.

10. When the **Select Emulators** dialog appears, unselect **MSP430 Parallel Port FET** (unless you actually have one) and click **Next**.
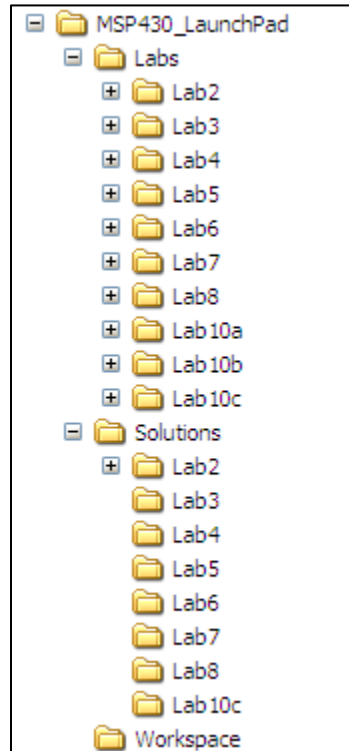
11. The **CCS Install Options** dialog summarizes the installation. In our case, the total download size will be 339MB. Click **Next** to start the download/installation process. The installation time will depend greatly on your download speed. When you are done with the installation, do not start Code Composer … we'll cover the startup and licensing issues in a later module.

## Download and Install Workshop Lab and Solution Files

12. Click the following link to be directed to the MSP430 LaunchPad Workshop download Wiki and save the **MSP430_LaunchPad_Workshop.exe** file to your desktop:

    http://software-dl.ti.com/trainingTTO/trainingTTO_public_sw/MSP430_LaunchPad_Workshop/MSP430_LaunchPad_Workshop.exe

13. Double-click the MSP430_LaunchPad_Workshop.exe file to install the labs and solutions for this workshop.  Once installed, you can delete the installation file from the desktop. The workshop files will be installed in **C:\MSP430_LaunchPad** and the directory structure is as follows:

## Download Supporting Documents and Software

14. Windows7 no longer has HyperTerminal. To regain that capability, download and "install" [TeraTerm](#) or another terminal program of your choice.

15. Next, download and save the following documents and software to your computer:

    - LaunchPad User's Guide:                   http://www.ti.com/lit/slau318
    - MSP430x2xx User's Guide:            http://www.ti.com/lit/slau144
    - C Compiler User's Guide                 http://www.ti.com/lit/slau132
    - MSP430G2xx code examples:          http://www.ti.com/lit/zip/slac463
    - Temperature demo source and GUI:    http://www.ti.com/lit/zip/slac435
    - A copy of the workshop workbook pdf: http://www.ti.com/launchpad-workshop

    Additional information:                      www.ti.com/launchpadwiki
                                                    www.ti.com/launchpad
                                                    www.ti.com/captouch

## Third Party Websites

16. There are many, many third party MSP430 websites out there. A couple of good ones are:

    http://www.joesbytes.com
    http://www.mspoh.com