



## START GUIDE FOR CODE COMPOSER STUDIO V 5

The first step is go to the link shown below to make download the Code Composer Studio.

[http://processors.wiki.ti.com/index.php/Download\\_CCS](http://processors.wiki.ti.com/index.php/Download_CCS)

Choose the latest version, in this case Code Composer Studio 5.3.0, select the operating system you want to install the code composer (in this case Windows). You can choose install online or offline.

### Code Composer Studio Version 5 Downloads

The product image for both free and paid versions is listed below. If you have a paid license you will be able to supply your license file after installation. If you are looking for one of the free licenses (time limited, XDS100, code size limited...) you will be able to generate one of these the first time you run CCS. For more information on CCS license please see the [Licensing - CCS](#) topic.

There are two types of installers:

- [Web installers](#) allow you to download only the software components that you require.
- [Off-line installers](#) will download a large compressed file (about 1400MB) so you may then unzip it then select what you require to install.

Latest production release is 5.3.0.00090

Visit the [BETA DOWNLOAD SITE](#) for access to the latest beta tools.

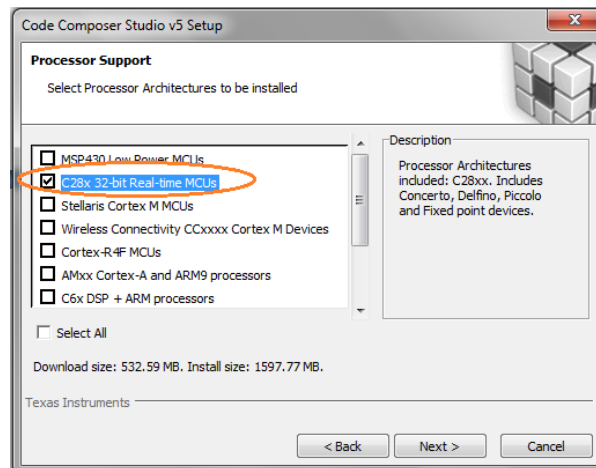
Release	Build #	Date	Download	Notes
CCSv5.3.x				
5.3.0	5.3.0.00090	Nov 26, 2012	<b>Web Installers:</b> <a href="#">Windows</a> <a href="#">Linux</a>  <b>Off-line Installers:</b> <a href="#">Windows</a> <a href="#">Linux</a>	<ul style="list-style-type: none"><li>• <b>New in this release:</b> GUI Composer (creation of custom user interfaces that interact with your target application), Grace 2.0, XDS600/2 Pro Trace, XDS20x, support for MSP430 (F6659 and F6779) and EEM Tr F28335 series, and multiple bug fixes.</li><li>• <b>IMPORTANT NOTES:</b><ul style="list-style-type: none"><li>(1) Importing projects from previous CCSv5.x releases for the MSP430FRxxx series of devices requires a m update of the corresponding linker command file (CMD) in your project. Please see <a href="#">Release Notes</a> for more details.</li><li>(2) Attention users of BeagleBone (revision A5 and newer) and AM335x Starter Kit (Rev 1.2B); these boards modified XDS100 embedded emulators that require the use of the standard device driver provided by FTDI. AI</li></ul></li></ul>

After choosing one of the options shown in the image above, you will need to register as a user on the website of TI.

After the registration, you need to fill some fields that can be seen in the figure shown below, for your download to be approved. Then wait in your email for the approval of the download (this can be approved immediately or may take up to two days).



Now with the approval for the download and the installer download, you can begin the installation of Code Composer Studio. The Installation is very easy. Double click in the installer and when you see the following window select the option “C28x 32-bit Real-time MCUs”.

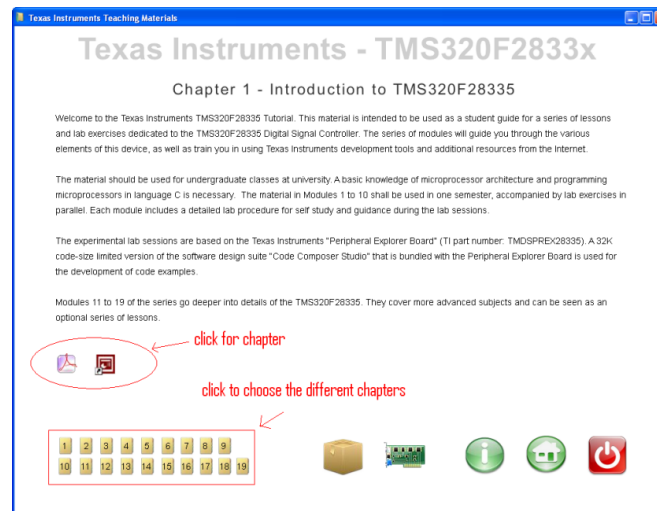


After that, install everything in order to have all features and select “free license”.

Now to learn about the DSP TMS320F28335 and use the code composer, Texas has a powerful tutorial with all the information necessary to start. You can download the tutorial through our website.

<http://www.gepe.dei.uminho.pt/includes/elearning.html>

In tutorial you have 19 chapters that can be seen in pdf or power point format. After the start of the tutorial you will see the following window.



The third chapter explains how to use the Code Composer version 4, despite having installed version 5, the two versions are very similar just change some visual aspects. Follow the tutorial for further information.

Finally some important datasheets and schematics:

[http://www.gepe.dei.uminho.pt/docs/Digital\\_Signal\\_Controller\\_%28DSC%29.pdf](http://www.gepe.dei.uminho.pt/docs/Digital_Signal_Controller_%28DSC%29.pdf)

[http://www.gepe.dei.uminho.pt/docs/System\\_Control\\_and\\_interruptions.pdf](http://www.gepe.dei.uminho.pt/docs/System_Control_and_interruptions.pdf)

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[http://www.gepe.dei.uminho.pt/docs/Analog\\_to\\_Digital\\_Converter\\_%28ADC%29.pdf](http://www.gepe.dei.uminho.pt/docs/Analog_to_Digital_Converter_%28ADC%29.pdf)

[http://www.gepe.dei.uminho.pt/docs/F28335controlCARD\\_Schem%5BR1.0%5D.pdf](http://www.gepe.dei.uminho.pt/docs/F28335controlCARD_Schem%5BR1.0%5D.pdf)

**For other tutorials and information visit our website: [www.gepe.dei.uminho.pt](http://www.gepe.dei.uminho.pt)**