

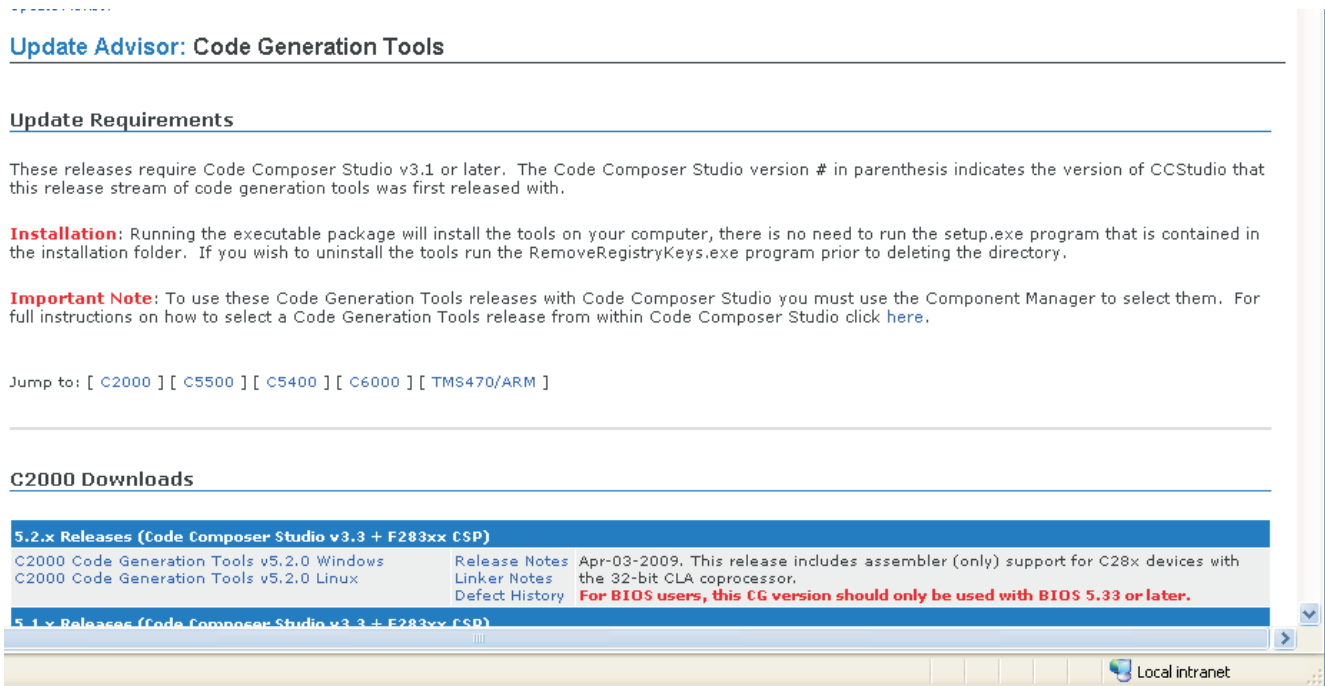
## **TMS320F28035 Piccolo™ CLA Support for Code Composer Studio v3.3**

All F2803x kits and controlCARDs come with a 32KB limited version of Code Composer Studio that includes CLA support.

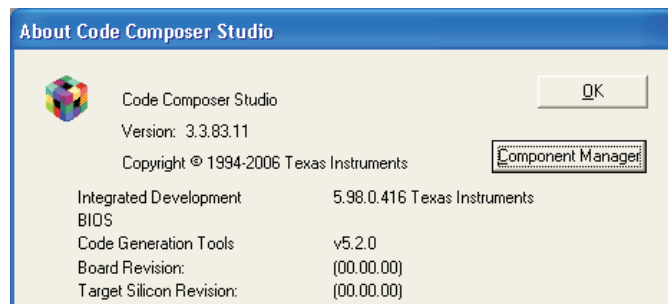
### **Adding CLA support to the full version of Code Composer Studio™ (CCS).**

The future full version releases will include built in CLA support

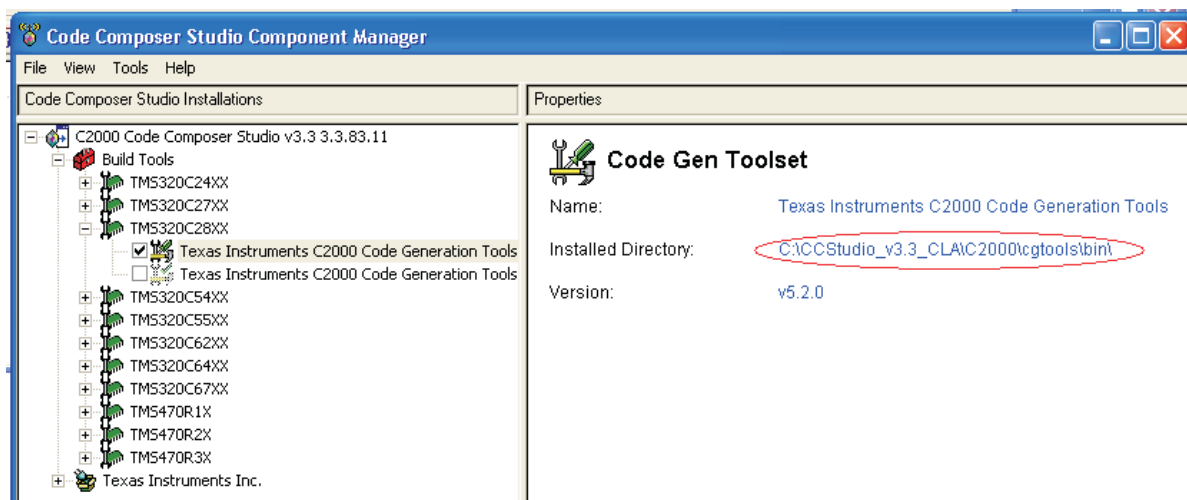
1. Use full C2000™/Platinum CCS to download and install the latest compiler
  - a. Run update advisor
  - b. Go to the Code Generation Tools link
  - c. Download and install the C2000 5.2.0 compiler (see image below)
  - d. Close C2000/Platinum CCS



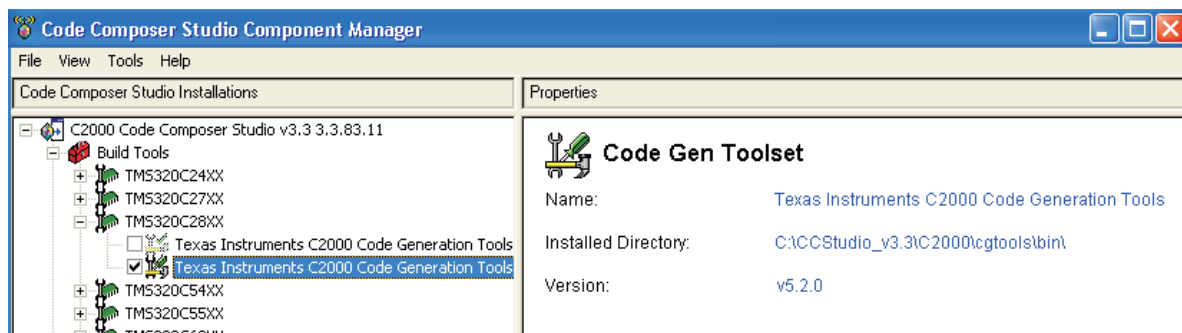
2. Install the 32KB limited version of CCS with CLA support in a different directory.
  - a. Run the setup program for the 32KB limited CCS
  - b. Choose a directory different than your full version of CCS
  - c. Install the software
3. Configure the 32KB limited CCS (version 3.3.83.11 or later) to use the downloaded compiler
  - a. Run component manager (Help -> About, click on component manager button)



- b. Expand build tools and 28x and select the 5.2.0 compiler (note the version number is the same for the limited and full versions so use care, check the path and select the recently downloaded version)



Default compiler for 32KB limited version with CLA support, installed into directory "CCStudio\_V3.3\_CLA".

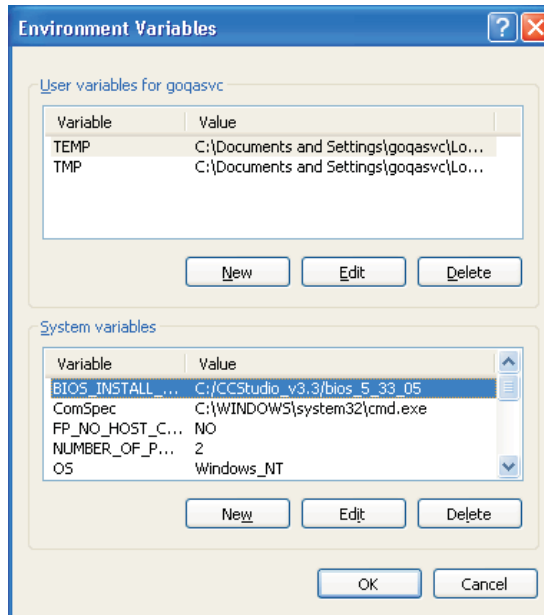


Compiler for full version selected in 32KB limited version, full version installed into directory "CCStudio\_v3.3".

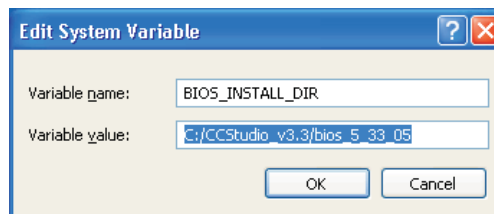
- c. Save
- d. Exit component manager
- e. Restart CCS

### Fixing a known DSP/BIOS issue in version 3.3.83.11 of the 32KB limited CCS

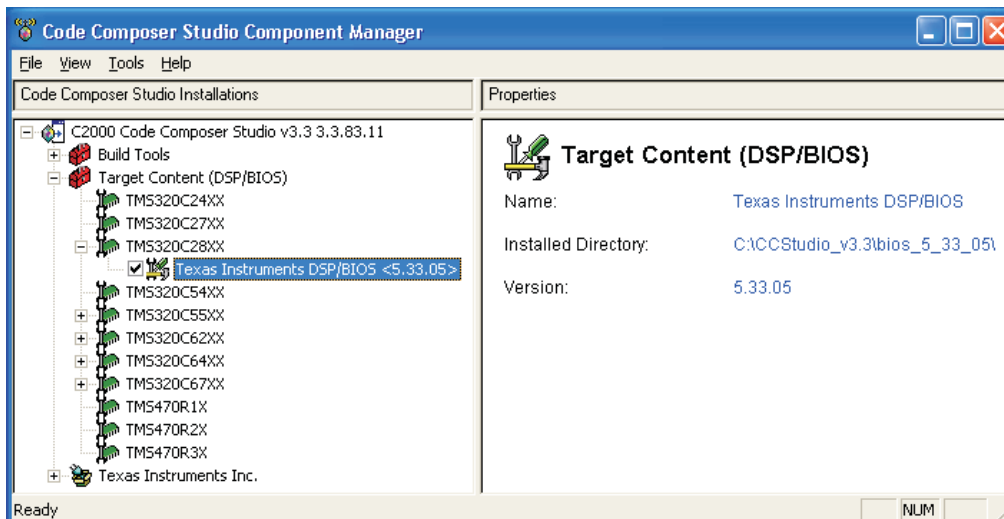
1. Change the environment variable:
  - a. Open Control Panel, open System, select the Advanced tab, click on the Environment Variables button



- b. Look through the System Variables and select BIOS\_INSTALL\_DIR, click on the Edit button
- c. Change the Variable Value to C:/CCStudio\_v3.3/bios\_5\_33\_05, click on OK, and repeat clicking OK until you exit the control panel System tool



- d. Reboot the workstation to refresh the environment variable
2. Set component manager to use the BIOS plug-in:
    - a. Launch CCS; Select Help, About
    - b. Click the Component Manager Button
    - c. Expand Target Content (DSP/BIOS). Expand TMS320C28XX
    - d. Texas Instruments DSP/BIOS <5.33.05> should be checked



- e. Save and Exit Component Manager

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