

# TMS320C2000 CCStudio™ Flash Plug-in v1.10 Release Notes

**These TMS320F2x Code Composer Studio (CCStudio) Flash Plug-in Requires Code Composer Studio ('C2000) v2.20 or higher. If you do not have that product installed you will not be able to install this update.**

These TMS320F2x Code Composer Studio (CCStudio) Flash Plug-in release notes contain valuable information which may not be included in other product documentation. This information will assist you in the use of CCStudio.

To keep up-to-date on specific items in this list or for newly published errata, visit [www.ti.com/edsperrata](http://www.ti.com/edsperrata). Use the unique identifier (SDSsq number) to find what you are looking for. If you wish to track the resolution or changes to the status of any item found on this page, simply add it to your profile using the myWorkspace feature on TI's website and you will automatically receive email notifications when changes occur.

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## General Information

Identifier	Headline	Component	Target
SDSsq33887	CCS On-Chip Flash plug-in for LF240xA does not work on Windows 98	C2xx On-chip Flash Programmer	C2400
The TMS320F240x/240xA Code Composer Studio On-Chip FLASH Plug-In does not work on a Windows 98 platform.			
SDSsq34047	Placement of initialized data sections (like .const)	C2xx On-chip Flash Programmer	C2400
Initialized data sections (like .const) need to be placed in flash program space in order to be initialized correctly. The F24xx flash programmer is not responsible for initializing data space. Refer to section 6.1.3 Allocating .const to Program Memory on page 6-5 of the TMS320C2x/C2xx/C5x Optimizing C Compiler User's Guide (SPRU024E) for details. This manual is located in ..\docs\pdf directory under your Code Composer installation directory. F24x Flash Plug-in.			
SDSsq34229	F24xx flash plugin crashes when overinstalling the newer flash plugin	C2xx On-chip Flash Programmer	All
Installing the F24x and F28x v1.10 Flash plug-in patch over an existing flash plug-in installation results in initial failures of the F24x Flash plug-in v1.10.  <b>Workaround:</b> If you have previously installed the TMS320C2000 Code Composer Studio FLASH Plug-In v1.00 patch, you must uninstall it prior to installing the v1.10 update.			

## Known Problems

Identifier	Headline	Component	Target
SDSsq34046	Breakpoints in user code will prevent flash programming	C2xx On-chip Flash Programmer	C2800
If you have breakpoints set in your code, you must disable all breakpoints before clicking the Execute Flash button. Failure to do so will result in a warning that your source line breakpoints could not be removed. The Flash API code will be loaded, but will not be executed because of this error.  You should run the target so that the Flash API code executes and performs the flash operation you have chosen. Be aware that if you have set a breakpoint in your program at an address that is in the same location that the Flash API is now			

loaded, the target will halt there while executing the Flash API code. You must run the target again so the Flash API code can complete the flash operation.

**Workaround:**

The workaround for this problem is to turn on the CCS option to clear all breakpoints when loading new programs. From the Option:Customize menu dialog, select the "Program Load Options" tab. Check the option "Clear All Breakpoints When Loading New Programs".

SDSsq34222	"Execution" displays confusing pop-up.	C2xx On-chip Flash Programmer	C2800
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After hitting the "Execute Operation" button, a message appears asking the user to locate the file "FlashAPIInterface.c".

**Workaround:**

The workaround for this problem is for the user to turn off the CCS option to look for source code when debugging as follows.

- Select the "Option:Customize" menu item.
- Under the Editor Properties tab, deselect the checkbox for the "Enable file browse while debugging" option.

SDSsq34227	Error msg appears twice when exiting CCS.	C2xx On-chip Flash Programmer	C2800
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Upon exiting Code Composer Studio, the user may receive two warnings about not being able to remove breakpoints.

**Workaround:**

The workaround for this problem is to not turn on the option to remove all breakpoints when loading a new program. To do so:

- Select the Options:Customize menu item.
- Click on the Program Load Options tab.
- Check the "Clear All Breakpoints When Loading New Programs" option.
- Click "OK" to dismiss the Customize dialog box.

SDSsq34279	Erase Only appears to lock device.	C2xx On-chip Flash Programmer	C2800
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If the device has a secure password, the Erase Only flash operation may cause the device to become locked. The problem happens very infrequently and is not reproducible at this time. The user can simply unlock the device when this occurs.

**Workaround:**

The workaround for this problem is to unlock the device.

SDSsq34783	"Program contains initialized RAM sections" warning message.	C2xx On-chip Flash Programmer	C2800
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"Program contains initialized RAM sections" warning message appears for DSP/BIOS applications due to DSP/BIOS sections that use fill in the linker command (specifically, the .trace\$buf, .LOG\_system\$buf, .stack, .trace, and .args sections). This is related to DSP/BIOS problem reports SDSsq18594 and SDSsq19297.

The user can inspect the .map file output by the linker to ensure that no other initialized sections have been linked to RAM (such a section would also cause the warning message). If no such sections are found, the warning can be safely ignored.