

## XDS100 Installation Instructions

### Installation for Code Composer Studio v4

Code Composer Studio v4 Support (XDS100v1 and XDS100v2 hardware)			
Processor Family	XDS100 Hardware Version	Code Composer Studio Release/Version	Notes
TMS320C28xx	v1, v2	Code Composer Studio v4 + Code Composer Studio 4.0.2 Update + SW Patch (see installation step #2 below)	
TMS320C54xx	v1, v2	- as above -	
TMS320C55xx	v1, v2	- as above -	
TMS320C674x	v1, v2	- as above -	
TMS320C64x+	v1, v2	- as above -	
ARM9	v2	- as above -	
ARM Cortex A8	v2	- as above -	
ARM Cortex R4	v2	- as above -	

A. Install Code Composer Studio and XDS100 Software **before** connecting XDS100 USB hardware.

1. Install the Code Composer Studio version, service release 4.0.2 (from Update manager) and/or XDS100 SW as detailed in the table above **prior** to connecting the XDS100 SW.
2. Install XDS100v2 patch from Update Manager as following:
  1. Launch CCSv4
  2. Select "Help ---> Software Updates ---> Find and Install"
  3. Choose "Search for new features to install"
  4. Select "New Remote Site"
    - ◊ Use Name such as "xds100v2 patch"
    - ◊ Enter URL as [http://software-dl.ti.com/dsps/dsps\\_public\\_sw/sdo\\_ccstudio/CCSv4/Updates/XDS100V2/site.xml](http://software-dl.ti.com/dsps/dsps_public_sw/sdo_ccstudio/CCSv4/Updates/XDS100V2/site.xml)
  5. Follow steps
  6. Click "Ok". CCS will say that the XDS100v2 SW feature is not digitally signed. Click OK to continue.
  7. Re-start CCSv4

B. Connect the XDS100 hardware

1. Make sure the XDS100 Software is installed FIRST per the table above **before** plugging in the XDS100 HW to the PC.
2. Connect USB cable from the PC to the XDS100 hardware. Connect the JTAG to the target board (be careful to plug it in correctly: pin 1 should go to pin 1. Red strip usually indicates the side of pin 1)
3. You will notice small popups to inform user that USB hardware is recognized and installed correctly. No input are required.

C. Setup Code Composer Studio v4

1. Start Code Composer Studio and create a new target configuration. See [Quick Tips#Target\\_Setup.C2.A0](#)
2. Select XDS100 as connection type (either XDS100 v1 or XDS100 v2)
3. Select device.

### Installation for Code Composer Studio v3.3 (XDS100v1 Hardware Only)

Code Composer Studio v3.3 Support (XDS100v1 HW only)			
Processor Family	XDS100 Hardware Version	Code Composer Studio Release/Version	Notes
TMS320C28xx	v1	CCS v3.3 Platinum Edition (TI part #: TMDSCCSALL-1)	Included with <a href="#">CCS Service Release 12</a> and newer.
TMS320C28xx	v1	<a href="#">CCS v3.3 for C2000 Full Version (version #3.3.78.2) (TI part #: TMDSCCS2000-1)</a>	XDS100 SW required. Download <a href="#">here</a> .
TMS320C28xx	v1	CCS v3.3 for C2000 DSK Version (version #3.3.81.28, 3.3.83.16 or newer)	XDS100 SW included in CCS Installation. No additional SW required.