



## Comprehensive DSP Tool Solutions

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### Documentation

[Installation Guide](#)  
[Drivers and Support](#)

### Application

Debug hardware  
 Debug software  
 Flash programming

**Warranty:** 1 year from date of purchase on Emulator, for Code Composer Studio™ refer to TI Website

**Part #:** 701967

**Rev Level:** A

## XDS510 USB Galvanic JTAG Emulator with Code Composer Studio™ Platinum version 3.3



XDS510 USB Galvanic JTAG Emulator with Code Composer Studio™ Platinum version 3.3

System Features	System Features	What's Included
<ul style="list-style-type: none"> <li>Supports Texas Instruments Digital Signal Processors and Microcontrollers with <b>JTAG</b> interface:               <ul style="list-style-type: none"> <li>F24xx • F28xx</li> <li>C54xx • C55xx</li> <li>C67xx • C672x</li> <li>C62xx • C641x</li> <li>C642x • C645x</li> <li>C64x+ • DM64x</li> <li>C674x • DM355</li> <li>DaVinci™ TMS570</li> <li>TMS470 Cortex™</li> <li>OMAP™</li> </ul> </li> </ul> <p style="text-align: center;"><b>Software Features</b></p> <ul style="list-style-type: none"> <li>Code Composer Studio™ Platinum version 3.3 from Texas Instruments.</li> </ul>	<ul style="list-style-type: none"> <li>Operates off PC/laptop USB port, <b>no</b> internal adapter required</li> <li>USB bus powered, <b>no</b> power supply required</li> <li>Supports USB 1.x and USB 2.0 (full speed)</li> <li>Advanced emulation controller provides high performance</li> <li>Compatible with +3.3V or +5V processors</li> <li>One LED provides operational status</li> <li>Voltage isolation provided by IL715, IL717, HCPL-260L (UL1577 rated for 2500Vrms for 1 minute and IEC 61010-1, Pollution Degree II, Material Group III, Max Working Voltage 300 Vrms Common Mode)</li> </ul>	<ul style="list-style-type: none"> <li>Code Composer Studio™ Platinum version 3.3</li> <li>XDS510 USB Galvanic JTAG Emulator</li> <li>USB cable</li> <li>CD-ROM with drivers</li> <li>Setup instructions</li> <li>Warranty registration card</li> <li>Technical reference manual</li> </ul> <p style="text-align: center;"><b>You May Need</b></p> <ul style="list-style-type: none"> <li>4 Channel JTAG Expander</li> <li>DSP Target Board (EVM, eZdsp, DSK)</li> </ul>

- Supports Code Composer Studio™ FlashBurn utility.
- Compatible with Spectrum Digital “SDFlash” Programming utility
- Compatible with ‘C’ Language “XMLGUI” interface
- Compatible with Windows 2000, XP, and Vista(32/64 bit)

Transient Immunity 30Kv/us  
@ Vcm=300V)

- Voltage isolation on PWB with 6mm minimum clearances and creepage distances