



## XDS510 USB PLUS JTAG Emulator



### Documentation

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

### Application

Debug hardware  
 Debug software  
 Flash programming

**Warranty:** 1 year from date of purchase



Part #: 701905

XDS510 USB PLUS JTAG Emulator

### Hardware Features

- Supports Texas Instruments Digital Signal Processors and Microcontrollers with **JTAG** interface (C2000, C54xx, C55xx, C67xx, TMS470 ARM9, OMAP, DaVinci™)
- Operates off PC/laptop USB port, **no** internal adapter required
- USB bus powered, **no** power supply required
- Supports USB 1.x and USB 2.0 (high speed)
- Advanced emulation controller provides high performance
- Compatible with +1.8V to

### Software Features

- Compatible with Code Composer Studio Version 3.x and later from Texas Instruments
- Supports Spectrum Digital's "SDFlash" Programming Utility
- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Compatible with Windows 2000, XP
- Programmable EMU0/1 Pins support for boundary scan test support
- Compatible with Toment0

### What's Included

- XDS510 USB PLUS JTAG Emulator
- USB cable
- CD-ROM with drivers
- Setup instructions
- Warranty registration card
- Technical Reference Manual

### You May Need

- Code Composer Studio
- 4 Channel JTAG Expander
- DSP Target Board (EVM, eZdsp, DSK)

- +5V processors
- One LED provides operational status
- Replaceable JTAG cables
- Programmable TCK Frequency up to 32 MHz
- APM Ltd. style adaptive clocking support

Diatem Boundary Scan Debugger

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