SPECTRUM DIGITAL INCORPORATED

Comprehensive DSP Tool Solutions

XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable and 20 pin to 14 pin Adapter

Documentation
Installation Guide
Drivers and Support

Application
Debug hardware
Debug software
Flash programming

Warranty: 1 year from date of purchase

Part #: 701907

XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable and 20 pin to 14 pin Adapter

Hardware Features

- USB bus powered, **no power supply required**
- Supports USB 1.x and USB 2.0 (high speed)
- Supports Texas Instruments Digital Signal Processors and Microcontrollers with **JTAG** interface:

  - F24xx
  - F28xx
  - C54xx
  - C55xx
  - C67xx
  - C672x
  - C62xx
  - C641x
  - C642x
  - C645x
  - C64x+
  - DM64x
  - C674x
  - DM355
  - DaVinci™
  - TMS570
  - TMS470
  - Cortex™
  - OMAP™

- Advanced emulation controller provides high performance
- Compatible with +1.8V to +5V processors
- One LED provides operational status
- Replaceable JTAG cables
- Programmable TCK Frequency up to 32 MHz
- 20-pin Target Adapter Cable
- ARM Ltd. style adaptive clocking support
- RoHS Compliant

Software Features

- Compatible with the Full License of Code Composer Studio™ versions 3.x and v4 from Texas Instruments (*Not compatible with the DSK/eZdsp/EVM Tools versions of Code Composer Studio™*)
- Supports Spectrum Digital's "SDFlash" Programming Utility
- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Supports CCS v4.x DSS Java Scripting
- Compatible with Windows 2000, XP, and Vista(32/64 bit)
- Programmable EMU0/1 Pins support for boundary scan test support
- Compatible with Temento Diatem Boundary Scan Debugger
- Compatible with Universal Scan Boundary Scan Tools

What's Included

- XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable
- 20 pin CTI to 14 pin Adapter
- USB cable
- CD-ROM with drivers
- Setup instructions
- Warranty registration card
- Technical Reference Manual

You May Need

- Code Composer Studio
- DSP Target Board (EVM, eZdsp, DSK)

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