



## Comprehensive DSP Tool Solutions

[Home](#) » [Emulators](#) » [701905](#)

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

**Application**  
 Debug hardware  
 Debug software  
 Flash programming

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

### XDS510 USB PLUS JTAG Emulator with 14 pin Target Adapter Cable



**Part #:** 701905

XDS510 USB PLUS JTAG Emulator with 14 pin Target Adapter Cable

Hardware Features	Software Features	What's Included
<ul style="list-style-type: none"> <li>• USB bus powered, <b>no</b> power supply required</li> <li>• Supports USB 1.x and USB 2.0 (high speed)</li> <li>• Supports Texas Instruments Digital Signal Processors and Microcontrollers with <b>JTAG</b> interface:</li> <li>• <b>Compatible with:</b> <ul style="list-style-type: none"> <li>• C54xx • C55xx</li> <li>• C67xx • C672x</li> <li>• C62xx • C641x</li> <li>• C645x</li> </ul> </li> <li>• <b>Compatible with:</b> <ul style="list-style-type: none"> <li>• 1.8V to +5V processors</li> <li>• C674x • DM355</li> </ul> </li> <li>• One LED provides operational status</li> <li>• TMS470, Cortex™</li> <li>• Replaceable JTAG cables</li> <li>• OMAP™</li> <li>• Programmable TCK</li> </ul>	<ul style="list-style-type: none"> <li>• Compatible with the Full License of Code Composer Studio versions 3.x and v4 from Texas Instruments (<i>Not compatible with the DSK/eZdsp/EVM Tools versions of Code Composer Studio™</i>)</li> <li>• Supports Spectrum Digital's "SDFlash" Programming Utility</li> <li>• Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification</li> <li>• Supports CCS v4.x DSS Java Scripting</li> <li>• Compatible with Windows 2000, XP, Vista, Win7, and Linux Operating Systems</li> <li>• Programmable EMU0/1</li> </ul>	<ul style="list-style-type: none"> <li>• XDS510 USB PLUS JTAG Emulator</li> <li>• 14-pin Target Adapter Cable</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><b>You May Need</b></p> <ul style="list-style-type: none"> <li>• Code Composer Studio</li> <li>• 4 Channel JTAG Expander</li> <li>• DSP Target Board (EVM, eZdsp, DSK)</li> <li>• 14 to 20-pin CTI Low Voltage Adapter, #701212</li> </ul>

Frequency up to 32 MHz

- 14-pin Target Adapter Cable
- ARM Ltd. style adaptive clocking support
- RoHS Compliant

Pins support for boundary scan test support

- Compatible with Temento Diatem Boundary Scan Debugger
- Compatible with Universal Scan Boundary Scan Tools

- 20 pin CT1 Target Adapter Cable, #702570

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Spectrum Digital:](#)

[701905](#)