

# SPECTRUM DIGITAL Development Tools

MCU / MPU / DSP

Spectrum Digital Inc.

## JTAG EMULATORS

Spectrum Digital JTAG emulators provide the interface between the development software (Code Composer Studio or SDFlash) running on the host computer and the DSP. The JTAG emulators provide a choice of interfaces to the host processor (parallel port, USB, and PCI).

### XDS560v2 System Trace includes:

- XDS560v2 System Trace JTAG Emulator
- USB cable
- Ethernet Cable
- JTAG cable with 4 Target Adapters:
  - MIP160-T114
  - MIP160-CT120
  - MIP160-T160
  - MIP160-ARM20
- CD-ROM with drivers
- Power Supply (110-220 VAC, 50-60Hz) with 3 line cords
- Setup instructions
- Warranty registration card

### XDS510 USB Plus Includes:

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

### C2000 Series XDS510LC Includes:

- C2000 Series XDS510LC JTAG Emulator
- USB cable
- CD-ROM with drivers
- Warranty registration card

### XDS510 USB Includes:

- XDS510 USB JTAG Emulator
- USB cable
- CD-ROM with drivers
- Setup instructions
- Warranty registration card

### XDS510 USB PLUS includes:

- 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



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Description	Price Each	
			1	5
<a href="#">760-701900</a>	701900	JTAG XDS510 USB	989.00	939.55
<a href="#">760-701905</a>	701905	JTAG XDS510 USB PLUS	1495.00	1420.25
<a href="#">760-701902</a>	701902	C2000 Series XDS510LC	280.13	280.13
<a href="#">760-701907</a>	701907	XDS510 USB PLUS	1249.00	1249.00
<a href="#">760-702592</a>	702592	XDS560v2 System Trace	1495.00	1495.00

## EVALUATION MODULE (EVMs)

Evaluation Modules (EVMs) are circuit boards containing a DSP, peripherals, expansion connectors, and a JTAG interface. They allow the user to benchmark software, prototype applications, and debug algorithms. EVMs allow the user to move forward with their designs and do a proof of concept before designing their own custom hardware.

### DM6446 (DaVinci™) EVM Includes:

- DM6446 Evaluation Module (EVM)
- Power Supply and Line Cord
- Technical Reference manual
- Uboot Mounted in Flash
- UART Cable
- Ethernet Cable
- No DaVinci EVM support software is included in this Kit

### TMS320DM355 Digital Video EVM Includes:

- TMS320DM355 EVM
- +5V Power Supply with Line Cords
- RS-232 Cable
- Ethernet cable
- Universal IR Remote Control
- DVEVM Setup Guide
- Technical Reference
- DVEVM Getting Started Guide



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Description	Price Each	
			1	5
<a href="#">760-702040</a>	702040	DM6446 (DaVinci™) Evaluation Module (EVM)	1249.00	1186.55
<a href="#">760-702065</a>	702065	TMS320DM355 Digital Video Evaluation Module	579.38	-

## STARTER KITS

The Spectrum Digital eZdsp™ and DSK modules are stand alone modules that allow users examine and evaluate certain characteristics of Texas Instruments digital signal processors (DSP) to determine if this DSP meets their application requirements.

### eZdsp F2812 Studio Kit Includes:

- eZdsp™ F2812 with DSP
- Power Supply
- Parallel port cable
- CD-ROM with eZdsp™ code
- CD-ROM with sample code

### eZdsp F28335 Studio Kit Includes:

- eZdsp™ F28335 Board
- eZdsp™ F28335 Code Composer Studio DSK Tools
- USB Cable
- Quick Start Guide
- Technical Reference Manual
- +5V Power Supply with 3 line cords.

### DM6437 Digital Video includes:

- TMS320DM6437 EVM Board
- +5v Power Supply with Line Cords
- Technical Reference manual
- USB Cable
- Ethernet Cable
- Board Software
- Board Support Library

### OMAP-L137/TMS320C6747 includes:

- OMAP-L137/TMS320C6747 Starter Kit Board
- EVM board specific version of Code Composer Studio IDE™
- Demo version of MontaVista Pro 5.0
- Quick Start Guide
- USB Cable
- Ethernet Cable
- RS-232 Cable
- Stereo cable
- Power Supply and line cords (US, UK, Euro)

### eZdsp F2808 includes:

- eZdsp™ F2808
- Power Supply
- USB cable
- CD-ROM with eZdsp specific Code Composer for C2xxx, manual, and schematics.

### eZdsp™ F28335 includes:

- eZdsp™ F28335 Board (without socket)
- eZdsp™ F28335 Code Composer Studio DSK Tools.
- USB cable
- Quick Start Guide
- Technical Reference Manual
- +5V Power Supply with 3 line cords.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Description	Price Each	
			1	5
<a href="#">760-761129</a>	761129	eZdsp F2812 Studio	469.00	-
<a href="#">760-761135</a>	761135	eZdsp F28335 Studio	579.38	-
<a href="#">760-702075</a>	702075	DM6437 Digital Video	547.18	547.18
<a href="#">760-702210</a>	702210	OMAP-L137/TMS320C6747	440.93	440.93
<a href="#">760-761131</a>	761131	eZdsp F2808	264.56	264.56
<a href="#">760-761136</a>	761136	eZdsp™ F28335	345.31	345.31