

SPECTRUM DIGITAL Development Tools



Spectrum Digital Inc. MCU / MPU / DSP

A RoHS Compliant

XDS510 USB Features:

- Supports Texas Instruments Digital Signal Processors and Microcontrollers with JTAG interface (F240x, F28xx, C54xx, C55xx, C6xxx, 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 (full speed)
- Advanced emulation controller provides high performance
- Compatible with +3.3V or +5V processors
- One LED provides operational status

B RoHS Compliant

XDS510 USB Plus 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 +5V processors
- One LED provides operational status
- Replaceable JTAG cables
- Programmable TCK Frequency up to 32 MHz

C RoHS Compliant

C2000 Series XDS510LC Features:

- Supports Texas Instruments C2000 Digital Signal Processors with JTAG interface (LF240xA, F281x, F280x, F2833x, F282xx)
- Operates off PC/laptop USB port
- 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 +3.3V or +5V processors
- One LED provides operational status

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).

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Fig.	Description	Price Each	
				1	5
760-701900	701900	A	JTAG XDS510 USB	989.00	939.55
760-701905	701905	B	JTAG XDS510 USB PLUS	1495.00	1420.25
760-701902	701902	C	C2000 Series XDS510LC	280.13	280.13

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 of 10 and up, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Description	Price Each	
			1	5
760-702040	702040	DM6446 (DaVinci™) Evaluation Module (EVM)	1249.00	1186.55
760-702065	702065	TMS320DM355 Digital Video Evaluation Module	579.38	-

A RoHS Compliant

OMAP5912 OSK Kit Includes:

- OMAP5912 OSK board
- MontaVista Linux
- RS-232 cable
- Ethernet cable
- AC Power cord(s)
- Power supply
- Quick Start Guide

B RoHS Compliant

eZdsp F2808 Studio Kit Includes:

- eZdsp F2808
- Power Supply
- USB cable
- CD-ROM with eZdsp code
- CD-ROM with sample code

C RoHS Compliant

eZdsp F2812 Studio Kit Includes:

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

D RoHS Compliant

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.

E RoHS Compliant

TMS320C6416T DSP Kit Includes:

- TMS320C6416DSK Board
- Code Composer Studio for C6416 DSK
- USB cable
- AC Power Cord(s)
- Power Supply
- Quick Start Guide
- Technical Reference
- Customer Support Guide

DEVELOPMENT KITS

The **OMAP5912 OMAP Starter Kit (OSK)** is an excellent tool to evaluate TI's OMAP dual core technology. This board contains a device which includes both an ARM7 and C55xx processor. It is compatible with TI code Composer Studio™ and MontaVista Linux.

The **eZdsp™ F2812** and **eZdsp™ F2808** allow the engineers to evaluate and develop software for members of the TMS320F28xx family power supplies, and industrial control, of Digital Signal Controllers. The **eZdsp™ F28335** allows users to examine and evaluate the TMS320F28335 Digital Signal Controller. These controllers are used in applications like motor control, programmable.

The **TMS320C6416T DSP Starter Kit (DSK)** operating at 1 Ghz gives the user an opportunity to evaluate TI's C64xx fixed point DSP technology. This DSK includes the DSK version Code Composer Studio™. for the C6xxx family.

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Spectrum Part No.	Fig.	Description	Price Each
760-701875	701875	A	OMAP5912 OSK	315.00
760-761132	761132	B	eZdsp F2808 Studio	527.63
760-761129	761129	C	eZdsp F2812 Studio	469.00
760-761135	761135	D	eZdsp F28335 Studio	579.38
760-701891	701891	E	TMS320C6416T DSP	579.38

