



Comprehensive DSP Tool Solutions

Sales: (281) 494-4500 x 113

Documentation[Technical Reference Manual](#)[Quick Start Guide](#)[FAQ](#)[DaVinci EVM Support Page](#)[Sample Code](#)**DM6446 (DaVinci™) Evaluation Module (EVM)****Warranty**

1 year from date of purchase

The DM6446 EVM board is also available in the complete Digital Video Evaluation Module Kit sold by Texas Instruments.

Part #: 702040**Rev Level:** B

DM6446 (DaVinci™) Evaluation Module (EVM)

Hardware Features

- Standalone board with a Texas Instruments DM6446 processor with an ARM processor operating up to 300 Mhz. and a C64xx DSP operating up to 600 Mhz.
- 1 video input port, supports composite or S video
- 4 video DAC outputs - component, RGB, composite
- 256 Mbytes of DDR2 DRAM
- UART, Media Card interface (SD card, xD card, SM card, MS card, MMC)
- 16 Mbytes of non-volatile

Software Features

- Compatible with Code Composer Studio
- Compatible with eXpressDSP Configuration Kit
- Compatible with TMS320DM644x SoC Analyzer
- Compatible with MontaVista's Linux Operating System
- Compatible with Green Hills MULTI

What's Included

- DM6446 Evaluation Module (EVM)
- Power Supply and Line Cord
- Technical Reference manual
- Uboot Mounted in Flash
- UART Cable
- Ethernet Cable

Do You Need ?

- XDS560R USB JTAG Emulator with 20 pin CTI header

Flash memory, 64 Mbytes
NAND Flash, 4 Mbytes
SRAM

- AIC33 stereo codec
- USB2 Interface
- 10/100 MBS Ethernet Interface
- IR Remote Interface, real time clock, via MSP430
- Configurable boot load options
- JTAG emulation interface
- 8 user LEDs
- Single voltage power supply (+5V)
- Expansion connectors for daughter card use
- ATA Interface, VLYNQ Interface
- SPDIF Interface, analog, and optical
- Compatible with Spectrum Digital XDS560R USB JTAG Emulator
- Compatible with Spectrum Digital XDS510 USB JTAG Emulator

- Code Composer Studio (Platinum)
- XDS510USB PLUS JTAG Emulator
- Low Voltage JTAG Emulator Adapter with Adaptive clocking (14 pin -20 pin CTI)

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