DM642 Evaluation Module with TVP Video Decoders, 720 Mhz.

Documentation
Technical Reference Manual
Quick Start Guide
Sample Code
FAQ
EVMDM642 Support Page

Applications
Personal Video Recorder
Video Security
Broadcast Video
Video Compression

Replaces 702000, 702001

Warranty: 1 year from date of purchase on CPU card

Part #: 702002

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Hardware Features

- 720 MHz. TMS320DM642 Digital Media Processor
- TI TVP Decoders
- 32Mb SDRAM
- 4 Mb linear Flash
- 2 video decoders
- 1 video encoder
- On-Screen Display FPGA implementation
- Dual RS-232 UARTs and line drivers
- TLV320AIC23 Stereo Codec with line, microphone, and headphone interfaces
- 10/100 Ethernet PHY
- 32Kb I2C EEPROM
- 8 programmable LEDs
- 2 S-VHS/composite video inputs
- S-VHS/composite/VGA video outputs
- Expansion connectors for daughter card use
- Single voltage power supply (+5V)
- 14 and 60 pin JTAG connectors

Software Features

- Compatible with C6xxx Code Composer Studio from TI
- Compatible with all JTAG emulators from Spectrum Digital and TI
- Compatible with VANDEK Video Development Software from Prodys

What's Included

- DM642 EVM board
- 5V power supply
- CD-ROM with demo code, manual and schematics
- Parts kit fo HD operation
- Feet for standalone operation

Do You Need ?

- JTAG Emulator (XDS510 USB, 701900)
- Code Composer Studio
- VANDEK Video Development Software from Prodys

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