

**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

**DM642 Evaluation Module with TVP Video Decoders, 720 Mhz.**



DM642 Evaluation Module with TVP Video Decoders, 720 Mhz.

**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

**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

- 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

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