

**Documentation**  
[Technical Reference Manual](#)

[DM6437EVM Support Page](#)

**Application**  
 Digital Video Applications

**Warranty**  
 1 year from date of purchase

**Part #:** 702075

**Rev Level:** B

## ***DM6437 Digital Video Development Platform (DVDP)***



DM6437 Digital Video Development Platform (DVDP)

### **Hardware Features**

- Texas Instruments TMS320DM6437 DSP operating up to 600 Mhz.
- 1 TVP5146M2 Video Decoder
- 4 video DAC outputs
- 128 Mbytes of DDR2 DRAM
- UART and CAN I/O interfaces
- 16 Mbytes of Flash memory, 64 Mbytes NAND Flash, 2 Mbytes SDRAM
- AIC33 stereo codec
- I2C interface with onboard

### **Software Features**

- Compatible with Code Composer Studio 3.3
- Compatible with Spectrum Digital JTAG emulators

#### **Software Included in kit**

- Board specific version of Code Composer Studio
- Codec Engine
- Codec evaluation including: H.264, MPEG-4, G.711
- Network Developer's Kit (NDK) Evaluation (Real-time

### **What's Included**

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

#### **Do You Need ?**

- XDS510USB PLUS JTAG Emulator, part #701905

- eeprom and expanders
- 10/100 Ethernet Interface
  - Embedded JTAG Emulation
  - Expansion connectors for Daughter Card use
  - VLYNQ Interface
  - Single voltage power supply (+5V)
  - Expansion connectors for daughter card use
  - ATA Interface, VLYNQ Interface
  - SPDIF Interface, analog, and optical

- TCP/IP stack)
- PC-based demo video application and sample Audio/Video files
  - SoC Analyzer for system-level tuning and optimization
  - Operating Systems (OS) - DSP/BIOS and Virtuallogix Linux
  - Video, Imaging, Audio, and Speech Codecs
  - Virtual Logic's VLX Demo Version Binary

- Full License of Code Composer Studio

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