

Video Development Kit with DM642 Evaluation Module and VANDEK



Documentation
VANDEK Specification

Application
Video surveillance
Broadcasting
Streaming
Storage
Multimedia
Head-end video
Consumer electronics
Video conferencing



Part #: 702016
Rev Level: A

Video Development Kit with DM642 Evaluation Module and VANDEK

System Features

- Provides a hardware platform (DM642 EVM) and software algorithms to develop and demonstrate video applications *

(* This kit assumes the user has the C6000 Code Composer Studio and a JTAG emulator)

Hardware Features

- Spectrum Digital DM642 Evaluation Module with CPU running at 600 Mhz.

Software Features

- MPEG-4 Video Encoder/Decoder libraries (Texas Instruments eXpress DSP compliant)
- MPEG-2 Video Encoder/Decoder libraries (Texas Instruments eXpress DSP compliant)
- G.722 Audio Codec Libraries
- TRECK's robust TCP/IPv4 Protocol Stack Library

Hardware Compatibility Features

- Compatible with XDS510PP PLUS, XDS510 USB, SPI515, SPI525 JTAG emulators from Spectrum Digital
- Compatible with XDS560 JTAG emulator from Texas Instruments

Software Compatibility Features

- Compatible with C6000 Code Composer Studio from Texas Instruments
- Compatible with Win 98 ME, NT, 2000, XP

What's Included !

- TMS320DM642 Evaluation Module (702000) with power supply
- VANDEK Evaluation CD-ROM

Do You Need ?

- Code Composer Studio for C6xxx
- XDS510 USB JTAG Emulator (701900)
- XDS510PP PLUS JTAG Emulator (701014)
- SPI525 PCI JTAG Emulator (701700)
- SPI515 Variable Voltage JTAG Emulator (701515)