

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	Hardware Compatibility Features	What's Included !
<ul style="list-style-type: none"> ● Provides a hardware platform (DM642 EVM) and software algorithms to develop and demonstrate video applications * <p>(* This kit assumes the user has the C6000 Code Composer Studio and a JTAG emulator)</p>	<ul style="list-style-type: none"> ● Compatible with XDS510PP PLUS, XDS510 USB, SPI515, SPI525 JTAG emulators from Spectrum Digital ● Compatible with XDS560 JTAG emulator from Texas Instruments 	<ul style="list-style-type: none"> ● TMS320DM642 Evaluation Module (702000) with power supply ● VANDEK Evaluation CD-ROM <p style="text-align: center;">Do You Need ?</p>
<p style="text-align: center;">Hardware Features</p> <ul style="list-style-type: none"> ● Spectrum Digital DM642 Evaluation Module with CPU running at 600 Mhz. <p style="text-align: center;">Software Features</p> <ul style="list-style-type: none"> ● MPEG-4 Video Encoder/Decoder libraries 	<p style="text-align: center;">Software Compatibility Features</p> <ul style="list-style-type: none"> ● Compatible with C6000 Code Composer Studio from Texas Instruments ● Compatible with Win 98 ME, NT, 2000, XP 	<ul style="list-style-type: none"> ● 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)

(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

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