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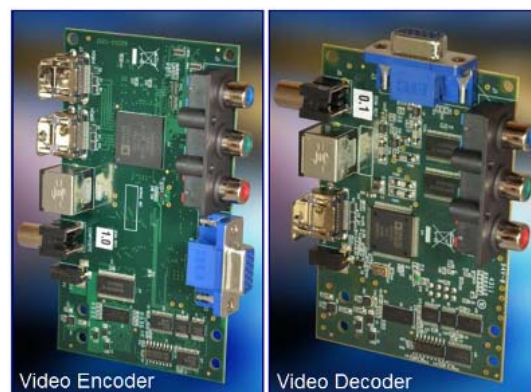
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VIDEO ENCODER & VIDEO DECODER EI3 EXTENDER BOARD

The Video Encoder and Video Decoder EI3 Extender Boards, both EZ-Extender® products, are low cost platforms facilitating the evaluation of video processing on an Analog Devices Embedded Processor via Analog Devices' EZ-Board development hardware and the CrossCore® Embedded Studio software development environment.

The encoder has two video output devices. The first is the Analog Devices [...More](#)


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FEATURES

ENCODER:

Multi-format video encoding.
225 MHz high performance HDMI transmitter with ARC.
Six 12-bit noise shaped video DACs.
Connections include HDMI, SVIDEO, Composite, Component, and VGA.
Formats up to 1080p.
Color depths up to 24-bits.
Soft configuration.

DECODER:

Dual HDMI 1.4 fast switching receiver.
12-bit, 170 MHz video and graphics digitizer.
3D comb filter decoder.
256 Mbit DDR SDRAM.
Power and Two Hot Plug Detect LEDs.
Connections include 2 HDMI, DB15 VGA, Composite, Component.
Formats up to 1080p.
Color depths up to 24-bits.
Soft configuration.

SYSTEM REQUIREMENTS

Windows XP Professional SP3 (32-bit only).
Windows Vista Business/Enterprise/Ultimate SP2 (32-bit only). It is recommended to install the software in a non-UAC-protected location.
Windows 7 Professional/Enterprise/Ultimate (32 and 64-bit). It is recommended to install the software in a non-UAC-protected location.

DOCUMENTATION

SOFTWARE AND TOOLS

Minimum of 2 GHz single core processor, 3.3 GHz dual core is recommended.
Minimum of 1 GB memory (RAM), 4 GB is recommended.
Minimum of 2 GB hard disk (HDD) space is required.
CrossCore Embedded Studio for Analog Devices Processors.

SUPPORTING BOARDS

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[Video Decoder & Video Encoder EI3 Extender Board](#)
[WVGA/LCD EI3 Extender Board](#)
[Audio EI3 Extender Board](#)
[ADSP-BF609 Evaluation Hardware for the ADSP-BF60x Blackfin Family](#)


ENGINEERZONE SUPPORT COMMUNITY: LATEST HARDWARE TOOLS

- [Re: Error code: 0x80048047 when connecting to BF53 2012\)](#)
- [Re: Can ADZS-USB-ICE emulator work for ADSP-214 2012\)](#)
- [Re: ICE-100B pins for pcb design \(09 May 2012\)](#)
- [Re: Error while connecting BF537 Ez-Kit and HPUSB-](#)
- [Re: AD1980 - Type of microphone \(20 Apr 2012\)](#)

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Video Encoder & Video Decoder EI3 Extender Board

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Model	Description	Price	RoHS	View PCN/ PDN	Check Inventory/ Purchase/Sample
ADZS-DECODE-EX3 Status: Production	Video Decode extender for EI3 Interface				
ADZS-DECODEK-EX3 Status: Production	Video Decoder Keyed Extender for EI3				
ADZS-ENCODE-EX3 Status: Production	Video Encode extender for EI3 Interface				

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Pricing displayed is based on 1-piece. The USA list pricing shown is for budgetary use only, shown in United States dollars (FOB USA per unit), and is subject to change. International prices may vary due to local duties, taxes, fees and exchange rates.

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