ANALOG DEVICES
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EVAL-WVGALCD-EX3

The WVGA/LCD EI3 extender board is a low-cost, plug-on extender for EZ-Boards that support the Expansion Interface 3 (EI3) specification. This… Show More..

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Features

- 4.1” landscape WVGA (800x480) 24-bit TFT LCD.
- LCD has integrated touchscreen and backlight.
- Interfaces to embedded processor via PPI and SPI.
- Software configurable PPI interface (16, 18, or 24 bits).
- Analog Devices AD7879 low voltage touch screen controller.
- Analog Devices AD7147A-1 CapTouch programmable controller.
- Analog Devices ADX345 digital 3-axis accelerometer.
- EI3 interface to main processor board (EZ-Board).

Product Details

The WVGA/LCD EI3 Extender Board, an EZ-Extender® product, provides a platform for evaluating a landscape LCD, capacitive touch controller and digital accelerometer using Analog Devices’ embedded processor evaluation boards (EZ-Boards®). Software examples are provided to demonstrate the functionality of the

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devices on the Extender.

The WVGA/LCD EI3 Extender Board connects with any of the new line of embedded processor EZ-Boards that support the Expansion Interface 3 (EI3) specification. This new expansion interface gives the user more available signals on the expansion interface connectors and a reduction in size over the previous EI2 specification.

The WVGA/LCD-EI3 employs Software Configuration (SoftConfig) Technology that eliminates… Show More..

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.
- 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.

Documentation

2 See All 1 Evaluation Kit Manuals 1 Board Design Database

WVGA/LCD EI3 Extender Board Manual (Rev. 1.0)

PDF

1314 kB

WVGA/LCD EI3 Extender Board Design Database (Rev. 1.1)

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Software

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Blackfin Processors Software and Tools

WVGA/LCD EI3 Extender Board Support Package (Rev. 1.1.0)

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Blackfin Software Modules

CrossCore Embedded Studio

CrossCore Embedded Studio is a world-class integrated development environment (IDE) for the Blackfin and SHARC processor families.

Related Hardware

EZ-Kits

EVAL-BF609-EZBRD

The ADSP-BF609 EZ-Board evaluation hardware provides a low-cost hardware solution for evaluating the ADSP-BF60x Blackfin processor family.

Extender Boards

EVAL-AUDIO-EX3

The audio EI3 extender board is a low-cost, plug-o extender for EZ-Boards that support the Expansion Interface 3 (EI3) specification. This extender supports evaluation of SigmaDSP Stereo 24-Bit Audio Codec and MEMs digital microphones with a embedded processor from Analog Devices. For information about compatible EZ-Board prod

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see the processors family's Software and Tools page.

EVAL-CAM-EX3

The camera EI3 extender board is a low-cost, plug-on extender for EZ-Boards that support the Expansion Interface 3 (EI3) specification. This extender supports evaluation of 8, 10, and 12-bit Aptina Imaging CMOS image sensors and image processor/SOCs with an embedded processor from Analog Devices. For information about compatible EZ-Board products, see the processors family's Software and Tools page.

EVAL-ENCODE-DECODE-EX3

The video encoder and decoder EI3 extender boards are low-cost, plug-on extenders for EZ-Boards that support the Expansion Interface 3 (EI3 specification. These extenders support evaluation c video processing on an embedded processor from Analog Devices. For information about compatible EZ-Board products, see the processors family's Software and Tools page.

EVAL-ENCODE-DECODE-EX3

The video encoder and decoder EI3 extender boards are low-cost, plug-on extenders for EZ-Boards that support the Expansion Interface 3 (EI3 specification. These extenders support evaluation c video processing on an embedded processor from Analog Devices. For information about compatible EZ-Board products, see the processors family's Software and Tools page.

Discussions

EngineerZone Support Community : Latest Hardware Tools

Buy

Evaluation Boards

Pricing displayed is based on 1-piece.

Model	Description	Price	RoHS
ADZS-WVGALCD-EX3	WVGA/LCD extender for EI3 Interface	$249.00	

Model	Description	Price	RoHS

Select a country

Pricing displayed is based on 1-piece. The USA list pricing shown is for budgetary use only, shown in United State 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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