



EVAL-USBI-TO-EZ-ADAPTOR

SigmaStudio USBi to EZ-Board Adapter

Overview

Documentation

Software

Related Hardware

Buy

 **Board Design Database**
Rev.0.1

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Features

- 5 x 2 0.1" header for the EVAL-ADUSB2Z Board.
- 14 x 2 0.1" socket connector for the ADSP-21469/ADSP-21479/ADSP-21489 EZ-Board.
- 2 x 2 0.1" socket connector for the ADSP-21369 EZ-Kit.
- 2 x 2 0.1" socket connector for the ADSP-21364 EZ-Kit

Product Details

The ADZS-USBI2EZB allows the EVAL-ADUSB2EBZ to connect to the ADSP-21364 EZ-Kit, ADSP-21369 EZ-Kit, ADSP-21469 EZ-Board, ADSP-21479 EZ-Board and ADSP-21489 EZ-Board SHARC® evaluation boards. It is used when developing SHARC audio applications using SigmaStudio for SHARC in conjunction with SigmaStudio™ Graphical Development Tool.

Note: The use of this adapter requires the purchase of an EVAL-ADUSB2EBZ and the installation of the software products listed above.

Documentation

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[2 Evaluation Documentation](#)

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[1 Board Design Database](#)

ADZS-USBI2EZB Bill of Materials (Rev. 0.1)

[PDF](#)

174.58 K

ADZS-USBI2EZB Schematic (Rev. 0.1)

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132.31 K

AN-1006: Using the EVAL-ADUSB2EBZ (Rev. A)

[PDF](#)

Software

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CrossCore Embedded Studio

CrossCore® Embedded Studio is a world-class integrated development environment (IDE) for the Analog Devices Blackfin®, SHARC® and ARM™ processor families.

SigmaStudio for SHARC

SigmaStudio™ for SHARC is a programming, development, and tuning software environment that allows an audio designer to graphically design and program audio applications utilizing an extensive set of pre-built audio algorithms.

SigmaStudio

The SigmaStudio™ graphical development tool is the programming, development, and tuning software for the SigmaDSP® audio processors.

Dolby Pro Logic IIx Decoder, SHARC

The Dolby Pro Logic IIx library for the SHARC processor is a proprietary algorithm from Dolby Laboratories intended for extending stereo or 5.1-channel audio to 6.1 or 7.1 channels.

Dirac Dimensions, SHARC

The Dirac Dimensions library for the SHARC processor implements an audio post-processing module specified by Dirac Research for the purpose of delivering premium automotive surround sound.

Related Hardware

EZ-Kits

EVAL-21364-EZLITE

The ADSP-21364 EZ-Kit Lite evaluation hardware provides a low-cost hardware solution for evaluating the ADSP-21362, ADSP-21363, ADSP-21364, ADSP-21365, and ADSP-21366 SHARC processor family.

EVAL-21369-EZLITE

The ADSP-21369 EZ-Kit Lite evaluation hardware provides a low-cost hardware solution for evaluating the ADSP-21367, ADSP-21368, and ADSP-21369 SHARC processor family.

EVAL-21469-EZLITE

The ADSP-21469 EZ-Kit Lite evaluation hardware provides a low-cost hardware solution for evaluating the ADSP-21467 and ADSP-21469 SHARC processor family.

[See All 5 EZ-Kits](#)

Buy 

Evaluation Boards

Pricing displayed is based on 1-piece.

Model	Description	Price	RoHS
ADZS-USBI2EZB Production	SigmaStudio USBi to EZ-Board Adapter		Yes

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50+

Years

Ahead of What's Possible

ADI enables our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure and connect. We collaborate with our customers to accelerate the pace of innovation and create breakthrough solutions that are ahead of what's possible.

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