ADC16V130 Eval Board 16-Bit, 130 MSPS AD Converter with LVDS Outputs Evaluation Board

(ACTIVE) ADC16V130EB

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Key Document

- ADC16V130 16-Bit, 130 MSPS AD Converter with LVDS Outputs Eval Bd User Guide (Rev. A) (PDF 1873 KB)
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Description

This Design Kit is designed to ease evaluation and design-in of Texas Instrument's ADC16V130 16-bit Analog-to-Digital Converter with LVDS outputs, which operates at speeds up 130 Msps.

The evaluation board can be used by connecting the board to the WaveVision 5.0 Data Capture Board (order number WAVEVSNBRD5.0), which is connected to a personal computer through a USB port and running WaveVision software, operating under Microsoft Windows. The software can perform an FFT on the captured data upon command and, in addition to a frequency domain plot, shows dynamic performance in the form of SNR, SINAD, THD, SFDR and ENOB.

Features

- Board comes fully assembled and tested
- Single (+5V) supply needed (not supplied)
- All ADC features can be exercised

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS
ADC16V130EB/NOPB: ADC16V130 Eval Board 16-Bit, 130 MSPS AD Converter with LVDS Outputs Evaluation Board	$699.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes

Contact a Distributor Texas Go

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
ADC16V130 16-Bit, 130 MSPS AD Converter with LVDS Outputs Eval Bd User Guide (Rev. A)		PDF	1873	26 Jul 2013	61	✓

Design Files (1)

Title	Abstract	Type	Size (KB)	Date	Views
ADC16V130EB Design Package		ZIP	4868	12 Sep 2012	15

Related Products

Software (1)

Name	Part Number	Software Type
Data Acquisition and Analysis Software	WAVEVISION5	Application Software & Frameworks

Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
WaveVision 5 Data Capture Board Version 5.1	WAVEVSN-BRD-5.1	Evaluation Modules & Boards

TI Devices (1)

Part Number	Name	Product Family
ADC16V130	16-Bit, 130 MSPS A/D Converter with LVDS Outputs	Analog to Digital Converter

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Georgia Tech MOOC: Control of Mobile Robots Learn how to make mobile robots move in effective, safe, predictable, and collaborative ways using modern control theory.	On-Line Training	On Demand

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