

ADC14V155 Evaluation Board for Input Frequencies Greater than 150 MHz

(ACTIVE) ADC14V155HFEB



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Key Document

[ADC14V155: 14-Bit, 155 MSPS ADC with LVDS Outputs User Guide](#) (PDF 1733 KB)
 21 Feb 2012 904views
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Description

This Design Kit is designed to ease evaluation and design-in of Texas Instrument's ADC14V155 14-bit Analog-to-Digital Converter with LVDS outputs, which operates at speeds up to 155 Msps.

The evaluation board can be used in either of two modes. In the Manual mode, suitable test equipment can be used with the board to evaluate the ADC14V155 performance. In the Computer mode, evaluation is simplified by connecting the board to the WaveVision 5.0 Data Capture Board (order number WAVEVSNBR5.0), 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
- › All ADC features can be exercised

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Part Number	Buy from Texas Instruments	Buy from Authorized Distributor	Status	Lead-Free	RoHS
ADC14V155HFEBNOPB: ADC14V155 Evaluation Board for Input Frequencies Greater than 150 MHz	\$499.00(US\$) In Stock Ships in 24 to 48 hours Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
ADC14V155: 14-Bit, 155 MSPS ADC with LVDS Outputs User Guide		PDF	1733	21 Feb 2012	904	✓

More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views
ADC14V155HFEB_LFEB Design Package		ZIP	2262	12 Sep 2012	428

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
ADC14V155	14-Bit, 155 MSPS, 1.1 GHz Bandwidth A/D Converter with LVDS Outputs	Analog to Digital Converter

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