

(ACTIVE) ADS6242EVM

[Description & Features](#)
[Technical Documents](#)
[Support & Training](#)
[Order Now](#)

 ViewADS6242EVM

The evaluation module also allows designers to use either a transformer coupled input into the ADC or an amplifier input based on the Texas Instruments' THS4509. While the ADC EVM comes with the THS4509, users can easily evaluate any of the footprint compatible ADC driving amplifiers such as the THS4508, THS4511, THS4520.

- Transformer coupled analog input path
- Transformer coupled clock input path
- Amplifier path based on the TMS4509
- Configurable serialized output modes
- Direct connection to High Speed ADC LVDS System (Deserializer)
- Separate analog and digital supply connections
- www.latticesemi.com/ads6000evminterface

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Ext Power Supply
ADS6242EVM: ADS6242 Evaluation Module	(USD) In Stock Typically Ships in 1 to 3 Business Days In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	No

Contact a Distributor - Select a location - Go

 TI's [Standard Terms and Conditions for Evaluation Modules](#) apply.

Application notes (2)

Title	Abstract	Type	Size (KB)	Date	Views
 CDCE72010 as a Clocking Solution for High-Speed Analog-to-Digital Converters	Read Abstract	PDF	424	08 Jun 2008	385
 Phase Noise Performance and Jitter Cleaning Ability of CDCE72010	Read Abstract	PDF	2261	02 Jun 2008	271

User guides (2)

Title	Abstract	Type	Size (KB)	Date	Views
 ADS62XX EVM User's Guide (Rev. B)	Read Abstract	PDF	2637	29 Jun 2009	79
 ADS6245EVM and Lattice ECP2/M Interface Demo User Guide		PDF	573	14 Jan 2008	193

Related Products

Software (2)

-  [TIGAR \(Texas Instruments Graphical Evaluation of ADC Response Tool\) \(Rev. B\)](#)
(ZIP, 3547KB) 315 views, 23 Apr 2013
-  [TIGAR Support Files](#)
(ZIP, 262219KB) 218 views, 20 Mar 2013

Design Kits & Evaluation Modules (5)

Name	Part Number	Tool Type
Data Capture / Pattern Generator: Data Converter EVMs With 8 LVDS Lanes up to 1.5Gbps	TSW1400EVM	Evaluation Modules & Boards
Data Capture: Data Converter EVMs With 8 LVDS Lanes up to 1.0Gbps	TSW1405EVM	Evaluation Modules & Boards
High Speed ADC to FMC (Xilinx) Header Adapter Card	FMC-ADC-ADAPTER	Evaluation Modules & Boards
High Speed ADC to HSMC (Altera) Header Adaptor Card	HSMC-ADC-BRIDGE	Evaluation Modules & Boards
HSDC-SEK-10 System Evaluation Kit	HSDC-SEK-10	Development Kits

[Show More](#)

TI Devices (2)

Part Number	Name	Product Family
ADS6242	Dual-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC)	Analog-to-Digital Converters (ADCs)
THS4509	Wideband Operational Amplifier	Operational Amplifiers (Op Amps)

Videos

Support & Training



As a member of [myTI](#) you can join the [TI E2E™ Community](#) where you can ask questions, share ideas and collaborate with fellow engineers and TI experts

Engage in the Community

[High Speed Data Converters Forum](#) >

Content is provided "AS IS" by the respective TI and Community contributors and does not constitute TI specifications. See [Terms of use](#).