

DAC2932 Evaluation Module

(ACTIVE) DAC2932EVM



Description & Features



Technical Documents



Support & Community



Order Now

Key Document



- [DAC2932 12-Bit Dual Channel DAC EVM](#) (PDF 551 KB)

13 Jul 2005 167 views

[» View All Technical Documents \(2\)](#)

Description

This EVM helps users evaluate TI's DAC2932, a dual 12-bit, current-output digital-to-analog converter (DAC) designed to combine the features of high dynamic range and very low power consumption.

The DAC2932 converter supports update rates of up to 40MSPS. In addition, the DAC2932 features four 12-bit voltage output DACs, which can be used to perform system control functions.

Features

- Dual, 12-Bit, 40MSPS Current Output DACs
- Four 12-Bit Voltage Output DACs—for Transmit Control
- Single +3V Operation
- Very Low Power: 29mW
- High SFDR: 75dB at $f_{OUT} = 5\text{MHz}$
- Low-Current Standby or Full Power-Down Modes
- Internal Reference
- Optional External Reference
- Adjustable Full-Scale Range: 0.5mA to 2mA
- APPLICATIONS
 - Transmit Channels
 - I and Q
 - PC Card Modems: GPRS, CDMA
 - Wireless Network Cards (NICs)
 - Signal Synthesis (DDS)
 - Portable Medical Instrumentation
 - Arbitrary Waveform Generation (AWG)

What's Included

- SBAS279, Dual, 12-Bit, 40MSPS, Digital-to-Analog Converter (Rev. D)
- SLAU159, DAC2932 12-Bit Dual Channel DAC EVM

Order Now

[illegible]

Buy from TI

Contact a Distributor

California

Go

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

Technical Documents

Datasheet (1)

Title	Abstract	Type	Size (KB)	Date	Views
 Dual, 12-Bit, 40MSPS, Digital-to-Analog Converter (Rev. D)		PDF	1058	11 Jul 2005	

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
 DAC2932 12-Bit Dual Channel DAC EVM		PDF	551	13 Jul 2005	167	✓

Related Products

TI Devices (1)

Part Number	Name	Product Family
DAC2932	Ultra-Low Pwr 29mW, 12-Bit, Dual 40 MSPS D/A w/4 Additional Ctrl DAC for Transmit/Rec Path Control	Digital to Analog Converter

Support and Community

Wikis

[Visit the TI Wiki](#)

TI E2E™ community



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

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

Engage in the Community

- [Amplifiers](#)
- [Broadband RF/IF & Digital Radio](#)
- [Clocks & Timers](#)

- [Data Converters](#)
- [DLP® & MEMS](#)
- [Interface](#)

- [Logic](#)
- [Power Management](#)
- [Wireless Connectivity](#)

Training & events

Name	Type	Available During
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
SimpleLink™ Wi-Fi CC3100 and CC3200 Project 0 Series - 5 Part Series Learn about using Software Tools for SimpleLink™ Wi-Fi CC3100 Boosterpack and CC3200 Launchpad	On-Line Training	On Demand
TI-RTOS Update Learn about the latest TI-RTOS features and more in-depth understanding of this TI software tool.	On-Line Training	On Demand
Designing with Ultra Low Power Segmented Displays Learn about designing Ultra-low Power Segmented Displays and MSP430	On-Line Training	On Demand

[See more training & events](#) 

Customer Tags

No Tags are Available for this Part Number

Create a Tag

Other Support

- [TI E2E Community](#)
- [Contact Technical Support](#)

Your History

Products You Recently Viewed

There are no items in your history.