

## New Product Announcement

# Analog Devices AD9154 2.4Gps Quad DAC Eval Boards Available from Mouser Electronics

**March 24, 2015** – [Mouser Electronics](http://www.mouser.com), Inc. is now shipping the [AD9154 Quad Digital-to-Analog Converter \(DAC\) ADS7-V1EBZ Evaluation Boards](#) from [Analog Devices](#). The [AD9154](#) is a four-input 16-bit DAC with a high dynamic range and a fast sampling rate of 2.4 Giga-samples per second (Gps).

The [Analog Devices AD9154 DAC Evaluation Boards](#), available from Mouser Electronics, are used to evaluate the [Analog Devices AD9154 Quad 16-bit DAC](#). This high-speed, high dynamic range quad DAC supports input data rates up to 1Gps and permits multicarrier signal generation up to the desired Nyquist frequency. This [Analog Devices high speed data converter](#) specifically targets [wideband communications systems](#), automated test equipment, and [high speed instrumentation](#).

A high performance, low noise phase lock loop (PLL) is on-chip to reduce component count. This DAC is designed for [low power](#) applications and draws 2.1 Watts when converting at 1.5Gps. An advanced low spurious and distortion design provides high quality generation of wideband signals, from the baseband up to high frequencies.

This DAC is designed to easily connect with the Analog Devices' [ADRF670x analog quadrature modulators](#) (AQMs). Interfacing to these DACs is provided by an industry standard SPI interface. This interface allows configuration of many of the device options, including internal reset, configuring the internal FIFO, selecting power down modes, setting interrupts, configuring the internal reference clock, configuring the internal PLL, and reading the internal device temperature.

The AD9154 ADS7-V1EBZ Evaluation Board interfaces to an [Analog Devices high speed data capture board](#), also available from Mouser Electronics.

To learn more about the AD9154 ADS7-V1EBZ Evaluation Board, visit:

<http://www.mouser.com/new/Analog-Devices/adi-ad9154-eval/> .

To learn more about the AD9154 DAC, visit: <http://www.mouser.com/new/Analog-Devices/adi-ad9154/> .

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### **About Mouser Electronics**

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

### **About Analog Devices**

Innovation, performance, and excellence are the cultural pillars on which Analog Devices (ADI) has built one of the longest standing, highest growth companies within the technology sector. Acknowledged industry-wide as the world leader in data conversion and signal conditioning technology, Analog Devices serves over 60,000 customers, representing virtually all types of electronic equipment. Analog Devices is headquartered in Norwood, Massachusetts, with design and manufacturing facilities throughout the world. Analog Devices is included in the S&P 500 Index.

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