

New Product Announcement

Analog Devices' AD7134 Precision Alias-Free ADC, Now at Mouser, Supports High-Performance Test and Measurement

September 16, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the new [AD7134](#) precision analog-to-digital converter (ADC) from [Analog Devices](http://www.analog.com), Inc. The high-performance, quad-channel ADC boasts an inherent anti-aliasing capability, rejecting signals by up to 102.5 dB and eliminating the need for a complicated external anti-aliasing filter. The ADC supports a wide range of applications, including electrical [test and measurement](#), three-phase power quality analysis, sonar, [audio](#) testing, and condition monitoring for predictive maintenance.

The [Analog Devices AD7134](#) ADC, available from Mouser Electronics, uses the continuous-time sigma-delta (CTSD) modulation scheme, removing the traditional switched capacitor circuitry sampling and leading to a relaxation of the ADC input driving requirement. The device uses four parallel independent converter channels, with each featuring a CTSD modulator, digital decimation, and filtering path. The ADC supports simultaneous sampling of four different signal sources, each with a maximum input bandwidth of 391.5 kHz, with excellent channel-to-channel phase and gain matching. Supporting output data rates up to 1.496 MSPS, the AD7134 delivers 24-bit performance with low latency, making it an ideal choice for high-precision, multi-channel control loops.

Mouser also offers the [EVAL-AD7134FMCZ](#) evaluation board, coming soon, which provides a demonstration platform for the AD7134 ADC. The board includes two pre-mounted AD7134 devices to enable multi-device simultaneous sampling. The EVAL-AD7134FMCZ evaluation board requires the [EVAL-SDP-CH1Z](#) high-speed controller board, which can then connect to a PC using a USB 2.0 high-speed port.

To learn more, visit <https://www.mouser.com/new/analog-devices/adi-ad7134-adc/>.

As a global authorized distributor, Mouser offers the world's widest selection of the newest semiconductors and electronic components — in stock and ready to ship. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each of its manufacturer partners. To help speed customers' designs, Mouser's website hosts an extensive library of technical resources, including a [Technical Resource Center](#), along with product data sheets, supplier-specific reference designs, application notes, technical design information, engineering tools and other helpful information.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an authorized semiconductor and electronic component distributor focused on New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations worldwide to provide best-in-class customer service in local language, currency and time zone. The distributor ships to over 630,000 customers in 223 countries/territories from its 1 million-square-foot, state-of-the-art distribution facilities in the Dallas, Texas, metro area. For more information, visit www.mouser.com.

About Analog Devices

Analog Devices is a leading global high-performance analog technology company dedicated to solving the toughest engineering challenges. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure, power, connect and interpret. Visit <http://www.analog.com>.

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– 30 –

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