

New Product Announcement

Now at Mouser: Analog Devices' Compact, High-Performance ADA4355 Photodetector Receiver μ Module

January 20, 2021 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the new [ADA4355](https://www.analog.com/en/products/ada4355.html) photodetector receiver μ Module[®] from [Analog Devices, Inc.](http://www.analog.com) Housed in an ultra-small package that saves board space by up to 75 percent, the ADA4355 includes all the required active and passive components to realize a complete data acquisition solution for a range of general-purpose applications, as well as specific use cases for [communications](#), [instrumentation](#), aerospace, and defense.

The [Analog Devices ADA4355](https://www.analog.com/en/products/ada4355.html) μ Module, available from Mouser Electronics, delivers instrument-level performance for measuring high-speed and low-level currents, from microamperes to picoamperes, that detect closely spaced events in reflectometry applications. The device includes a 14-bit analog-to-digital converter (ADC) with a conversion rate of 125 megasamples per second (MSPS) for a current-to-bits solution. The μ Module's analog filter provides reliable noise reduction and anti-alias filtering, offering a selectable LPF bandwidth of 1.0 MHz or 100 MHz.

The ADA4355 is supported by the [EVAL-ADA4355EBZ](https://www.analog.com/en/design-tools/eval-kits/ada4355ebz.html) evaluation board which, when combined with a user-supplied Xilinx KC705 FPGA evaluation kit, creates a full evaluation platform that provides the memory, processing power, and GPIOs to perform all control and data manipulation functions. Engineers can use the EVAL-ADA4355EBZ evaluation board for current-to-voltage conversion, mass spectroscopy, chemical analyzers, and time-of-flight applications.

To learn more about the Analog Devices ADA4355, visit <https://www.mouser.com/new/analog-devices/adi-ada4355-photodetector-receiver/>.

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 leading manufacturer partners. Serving the global electronic design engineer and buyer community, the global distributor's website, mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 1,100 manufacturer brands. 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 <https://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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