

## New Product Announcement

### Now at Mouser: Texas Instruments' TLV915x Op Amps Drive ADS7128 ADC for High-Speed Industrial Solutions

**October 20, 2020** – [Mouser Electronics](#), Inc., an authorized global distributor of [Texas Instruments](#) (TI) solutions, is now stocking TI's [TLV915x](#) operational amplifiers (op amps) and [ADS7128](#) 12-bit analog-to-digital converter (ADC). Offering exceptional precision and performance in small form factors, the op amps and ADC work together to support a range of [industrial](#) applications, including factory automation, [test and measurement](#) equipment, and data acquisition systems.

The [TI TLV915x](#) low-offset voltage, low-noise op amps, available from Mouser Electronics, combine outstanding DC precision with robust AC performance. The 16 V general-purpose devices feature low offset, low offset drift, rail-to-rail output, and 4.5 MHz bandwidth. The low-noise operational amplifiers boast a wide differential input-voltage range, high output current of  $\pm 75$  mA, and high slew rate of 20 V/ $\mu$ s, making them suitable for industrial use as well as high-side and low-side current sensing.

The TLV915x operational amplifiers are capable of driving the TI [ADS7128](#) 12-bit ADC, an eight-channel, multiplexed successive approximation register (SAR) type device. The ADC's eight channels can be independently configured as digital inputs, digital outputs, or analog inputs. Operating in either autonomous or single-shot conversion mode, the ADS7128 ADC communicates using an I<sup>2</sup>C-compatible interface. The device is an integrated zero-crossing-detect module, enabling transient rejection and hysteresis near configurable threshold crossings. The ADS7128 ADC supports applications, including mobile robot CPU boards, digital multimeters, and rack servers.

To learn more about the TLV915x op amps, visit <https://www.mouser.com/new/texas-instruments/ti-tlv915x-op-amps/>. For more on the ADS7128 ADC, visit <https://www.mouser.com/new/texas-instruments/ti-ads7128-adc/>.

Mouser is an authorized global distributor of Texas Instruments solutions. With over 50,000 TI products, including 4,500 development kits, Mouser offers the broadest portfolio of the newest Texas Instruments semiconductor solutions, adding new products every day.

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 [www.mouser.com](http://www.mouser.com).

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