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For Immediate Release

Mouser Electronics Signs Global Distribution Deal with Micronas

September 28, 2015 – [Mouser Electronics](http://www.mouser.com), Inc. today announced it has signed a global distribution agreement with [Micronas](http://www.micronas.com), a supplier of intelligent, sensor-based system solutions for [automotive](#) and [industrial](#) applications.

The [Micronas product line](#), now available from Mouser Electronics, includes a broad range of Hall-effect sensors based on Micronas' CMOS technology.

The [HAL 37xy](#) family of programmable Hall-effect sensors, based on Micronas' advanced 3D HAL[®] topology, provides system solutions for linear movement and rotary position measurements and non-contact potentiometer functions in automotive and industrial applications. Due to their excellent performance and reduced angular error, the HAL 37xy sensors are ideal for clutch position detection in gearboxes or exhaust gas recirculation systems and turbo charger actuators in ride-height applications.

The [HAL 5xy](#) family consists of multipurpose, CMOS-based Hall switches that provide end-position detection, RPM measurements in flow meters, and brushless DC (BLDC) [motor control](#). HAL 5xy switches are available in bipolar, unipolar, and latching behaviors.

The [HAL 1820](#) offers a cost-effective yet adaptable and robust linear Hall sensor with electrical characteristics stored in an internal EEPROM. The sensor is programmable by modulating the supply voltage, saving board space by omitting the need for a connection pin. Additionally, the HAL 1820 is ideal for angle and linear measurements when combined with a rotating or moving magnet.

This new distribution agreement provides Mouser's customers with Micronas' highly integrated control systems and provides Micronas with Mouser's world-class processes for new product introductions and extensive customer reach.

To learn more about Micronas products available from Mouser Electronics, visit <http://www.mouser.com/micronas/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 21 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

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 500,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Micronas

Micronas, a preferred partner for sensing and control, serves all major automotive electronics customers worldwide, many of them in long-term partnerships for lasting success. Micronas offers a variety of Hall-effect sensors for automotive and industrial applications.

Trademarks

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