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For Immediate Release

Mouser Electronics and Superior Sensor Technology Sign Global Distribution Agreement

August 5, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, announces a global distribution agreement with [Superior Sensor Technology](http://www.superiorsensortech.com), a leader in application-specific pressure sensors. Through the agreement, Mouser will add Superior Sensor Technology's differential low-pressure sensors to its sensor line card.

The [Superior Sensor Technology](http://www.superiorsensortech.com) product line available from Mouser Electronics includes the HV Series family of high-performing, application-specific, low-pressure sensors and corresponding evaluation kits. Designed for industrial heating, ventilation, and air conditioning (HVAC) applications, the HV Series is available in three pin-compatible modules: [HV110](#), [HV120](#), and [HV210](#).

The HV Series sensors use proprietary Multi-Range™ technology to achieve the industry's broadest dynamic range while maintaining up to 10 times' performance improvement over other solutions. The pressure sensors are based on Superior Sensor Technology's NimbleSense™ architecture, an integrated platform combining advanced piezoresistive sensing elements, analog signal path, processing intelligence and proprietary integration techniques. The HV Series' piezoresistive MEMS technology enables higher performance, competing effectively against mass flow and capacitive technologies for applications that require zero stability and/or low-drift performance.

The HV Series sensors can be calibrated and performance optimized from a 25 Pa – 5000 Pa pressure range while maintaining 0.1-percent accuracy at each selected range, enabling HVAC manufacturers to replace up to seven sensors with a single HV Series sensor. The HV120, HV110, and HV210 sensors offer four, five, and seven FS pressure ranges, respectively.

Standard features of the HV Series include 16-bit output resolution for each selected range, 50/60 Hz notch filter, programmable bandwidth filters from 0.1 to 10 Hz, compensated temperature range of 0 to 50 degrees Celsius, and standard I2C and SPI digital interface support. The three HV Series sensors support varying HVAC pressure requirements for differential pressure transmitters, positive pressure modules, variable airflow valves, and airflow monitor systems.

To learn more, visit www.mouser.com/superior-sensor.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid 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 750 manufacturers. Mouser offers 26 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Superior Sensor Technology

Superior Sensor Technology was established with the objective to revolutionize the high performance, cost-driven pressure sensor market by developing integrative, high-performance cost-efficient solutions for industrial HVAC, medical and automotive applications. The company's technology is based on a proprietary platform called NimbleSense™, that significantly improves overall sensor performance while adding proprietary application-specific system features.

Trademarks

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