

For Immediate Release

Mouser to Globally Distribute Melexis Sensor ICs and Systems

November 11, 2015 – [Mouser Electronics](http://www.mouser.com), Inc. today announced a global distribution agreement with [Melexis](http://www.melexis.com), a leading developer of advanced semiconductors, sensor ICs, and sensor IC systems for [automotive](#), consumer, [industrial](#), and [medical](#) applications. The company's portfolio features many of their industry-leading solutions, including Hall effect sensors, pressure sensors, temperature sensors, [motor control](#) ICs, and IC programmers.

The [Melexis product line](#), now available from Mouser Electronics, features a broad and deep selection of sensors and ICs, including the new [MLX90393](#) Triaxis® micropower magnetometer. The MLX90393 magnetometer is a highly flexible 3mm × 3mm sensor designed for micropower (2.2V – 3.5V, 5µA) applications, with programmable duty cycles from 0.1 percent to 100 percent. The sensor can interchange measurement speed for both current consumption and noise on the digital output signal, making it the raw building block for any magnetic sensing application, including joystick with push detection, rotary/push knobs, and sliding switches.

Mouser is also now stocking the automotive-grade Melexis [MLX90614](#) non-contact infrared (IR) thermometer, capable of measuring -40 to +125 degrees Celsius for sensor temperatures and -70 to +380 degrees Celsius for object temperatures. The MLX90614 thermometer integrates a low-noise amplifier, 17-bit analog-to-digital converter (ADC), and powerful digital signal processing (DSP) unit to gain an accuracy of up to 0.5 degrees Celsius over a wide temperature range, and resolution of up to 0.01 degrees Celsius. The thermometer ships factory calibrated with a digital SMBus-compatible output for fast temperature readings.

In addition to these sensor ICs, Mouser is stocking a broad selection of optoelectronics, engineering tools, and semiconductors from Melexis, including the [MLX81106](#) LIN RGB slave controller for four LEDs, [MLX90621](#) far infrared array, and [MLX90129](#) 13.56MHz sensor transponder IC.

To learn more about Melexis and the entire Melexis product line available at Mouser, visit <http://www.mouser.com/melexis/>.

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 Melexis

Melexis is a leading developer and manufacturer of automotive electronics systems. For over a decade, customers in the automotive electronics market have inspired the company to create, manufacture and deliver advanced mixed-signal semiconductors, sensor ICs, and programmable sensor IC systems. Automobile brands worldwide rely on Melexis ICs to safely, efficiently and comfortably transport passengers and goods. Melexis' focus on quality and reliability has earned the company certification to the newest, most demanding, internationally recognized quality standard, ISO/TS 16949.

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