

For Immediate Release

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Mouser Electronics Now Stocking New TI Power Management Products

New Products Include Power Modules, Linear Regulators, PFC Controllers, and Protection ICs

Mansfield, Texas, USA – October 23, 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it has expanded its portfolio of new power management products from [Texas Instruments Incorporated](http://www.ti.com) (TI).

Mouser and TI work hand-in-hand to ensure the availability of TI's newest products through the distributor's practice of same-day shipping with no minimum order requirement.

"Mouser intends to establish itself as the go-to channel for new TI products," according to Mouser President and CEO Glenn Smith. "We want engineers to think of us first when they are considering new TI products for their new design projects."

Several new TI power management devices, including linear regulators, power modules, PFC controllers, and protection ICs, are now in stock and available for immediate purchase through Mouser Electronics.

The [PTH08T250W](#) extends the popular T2 family with the addition of a high-performance, 50A rated, non-isolated power module. The wide output, adjustable power module features TurboTrans™ technology providing increased transient response, reduced output capacitance by up to 8X, and reduced Vo disturbance following transient load up to 40%.

The [TPS728185315](#) is the industry's first low-dropout (LDO) linear regulator with dynamic voltage scaling, which reduces leakage current in processors, resulting in longer battery run times. The device provides a high power-supply rejection ration (PSRR) over a wide frequency range of up to 1MHz, fast 160µs start-up time, as well as excellent line and load transient responses.

The [UCC28060](#) Natural Interleaving™ dual-phase PFC controller offers many degrees of flexibility to tailor power factor correction designs, enabling a reduction in the physical size of the PFC

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circuit, improved efficiency, and lower total system costs. The controller features high power density, phase management capability, and robust protection features.

The [BQ20z75](#) SBS-compliant gas gauge and protection IC measures and maintains an accurate record of available charge in Li-ion or Li-polymer batteries and is designed for battery-pack or in-system installation. Together with the integrated analog front-end (AFE) short-circuit and overload protection, the IC maximizes functionality and safety, as well as minimizing external component count, cost, and size in small battery circuits.

The [BQ24316](#) is a highly integrated circuit designed to provide protection to Li-ion batteries from charging circuit failures. The IC continuously monitors the input voltage, the input current, and the battery voltage and provides the maximum amount of safety in the smallest solution size.

Mouser's broad-based product line, unsurpassed customer service, and streamlined warehouse operations make the distributor the design engineer's one-stop shop for all the components and associated development tools necessary for total project design.

Mouser Electronics is the only major distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than 880,000 products for easy online purchase, provides over 1.5 million cross-references, as well as more than 677,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features over 880,000 products online from more than 335 manufacturers. Mouser's 1,900+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit www.mouser.com.

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