

For Immediate Release

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Mouser Electronics Stocking New TI Power Management Products

TI Solves Design Challenges with Linear Regulators, Buck Controllers and EPROMs

Mansfield, Texas, USA – August 27, 2007 – Mouser Electronics, Inc., 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 (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 Glenn Smith. "We want engineers to think of us first when they are considering new TI product for their new design projects."

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

The TPS799275 low-dropout (LDO) low-power linear regulator offers excellent AC performance with very low ground current. High power-supply rejection ration (PSRR), low noise, fast start-up, and excellent line and load transient response are provided, while consuming a very low 40µA ground current.

The TPS74901 LDO with soft-start allows the user to configure a solution that meets the sequencing requirements of FPGAs, DSPs, and other applications with special start-up conditions. This linear regulator provides user-programmable soft-start that minimizes stress on the input power source by reducing capacitive inrush current on startup.

The TPS40131 two-phase synchronous buck controller is optimized for low-output voltage, high-output current applications powered from a supply between 1V and 40V. This device features cycle-by-cycle current balance and will respond to quickly balance the load, reducing the chance that one phase

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will exceed its designed limit. Both channels are inherently well balanced within five percent, even during load transients.

The bq2024 1.5K-bit serial EPROM contains a factory-programmed, unique 48-bit identification number, 8-bit CRC generation, and the 8-bit family code (09h). A 64-bit status register controls write protection and page redirection; the SDQ™ interface requires only a single connection and ground return; and the small surface-mount package saves printed board space.

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 board-level components and associated development tools necessary for total project design.

Mouser is the only distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its daily updated website contains over 850,000 products available for easy online purchase 24 hours a day, provides more than 677,000 downloadable data sheets, and over 1.5 million cross-references.

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 850,000 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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