

For Immediate Release

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Mouser Electronics Stocking AnalogicTech's Step-up Converter Featuring High Output Current and Low Startup Voltage

AAT1217 Step-up Converter Shrinks Handheld Devices by Delivering 500mA Load Current in TSOT23 Package

Mansfield, Texas, USA –December 5, 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking the AAT1217 step-up converter from [Advanced Analogic Technologies, Inc. \(AnalogicTech\)](http://www.analogictech.com) (NASDAQ: AATI), a leading supplier of power management semiconductors for mobile consumer electronics.

"Mouser's engineering customers have come to expect us to rapidly stock and market the newest products from our world-class supplier lineup," said Mike Scott, Mouser's Vice President of Active Products. "AnalogicTech's new step-up converter allows our customers to drive substantial loads in their newest space-sensitive portable applications."

The [AAT1217](#) synchronous step-up converter offers designers extremely high output current in a compact package. Designed to support a wide range of handheld portable applications, the converter delivers up to 100mA output from a single-cell alkaline battery input, up to 400mA from a dual-cell alkaline battery input, and up to 500mA from a single-cell Lithium-Ion battery input, while supporting startup as low as 0.85V.

The device operates from a wide input voltage range of 0.5V to VOUT. Using a slope-compensated current mode pulse width modulation (PWM) control topology, the AAT1217 operates at a 1.2MHz constant switching frequency allowing the use of small surface mount inductors. An integrated synchronous rectifier eliminates the need for an external Schottky diode.

The step-up converter features embedded anti-ringing control circuitry minimizing EMI by removing the high frequency ringing that appears on the SW pin when inductor current goes to zero. The device also features over-current protection and a low shutdown current of <1.0µA.

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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 900,000 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 900,000 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.

About AnalogicTech

Advanced Analogic Technologies, Inc. (AnalogicTech) is a supplier of Total Power Management™ semiconductor solutions for mobile consumer electronic devices, such as wireless handsets, notebook and tablet computers, smartphones, digital cameras, wireless LAN, and personal media players. The company focuses its design and marketing efforts on the application-specific power management needs of consumer, communications, and computing applications in these rapidly evolving devices. AnalogicTech also develops and licenses device, process, package, and application-related technology. AnalogicTech is headquartered in Santa Clara, California and Macau, S.A.R., with offices in China (Beijing, Shanghai and Shenzhen), Hong Kong, Taiwan, Japan, South Korea, Sweden, France and United Kingdom, as well as a worldwide network of sales representatives and distributors. The company is listed on the NASDAQ exchange under the ticker symbol AATI. For more information, please visit the AnalogicTech website: www.analogictech.com.

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