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For Immediate Release

ON Semiconductor NCL30160 Constant-Current Buck Regulator

January 23, 2012 - [Mouser Electronics, Inc.](http://www.mouser.com), regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking new product from ON Semiconductor.

ON Semiconductor's NCL30160 Constant-Current Buck Regulator is an NFET hysteretic step-down, constant-current driver for high power LEDs. Ideal for automotive, industrial and general lighting applications utilizing the minimal external components. This NCL30160 Constant-Current Buck Regulator takes the constant voltage delivered by ON Semiconductor's NCL30051-enabled power supply and steps down the voltage to provide a constant current across the LED string. ([View the NCL3051 PFC/Half-Bridge Combo Controller](#)) The NCL30160 Constant-Current Buck Regulator operates with an input voltage range from 6.3V to 40V. The hysteretic control of this ON Semiconductor NCL30160 Constant-Current Buck Regulator gives good power supply rejection and fast response during load transients and PWM dimming to LED arrays of varying number and type. Protection features include resistor-programmed constant LED current, broken/open LED protection, under-voltage and thermal shutdown.

To learn more, visit <http://www.mouser.com/onsemincl30160>.

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 19 global support locations and the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches more than 8 million products to locate over 2 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.

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About Mouser

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 2 million products online from more than 450 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 300,000 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 ON Semiconductor

ON Semiconductor is a premier supplier of high-performance, energy-efficient silicon solutions for green electronics. ON Semiconductor's broad portfolio of power and signal management, logic, discrete and custom devices helps customers efficiently solve their design challenges in automotive, communications, computing, consumer, industrial, LED lighting, medical, military/aerospace and power applications. For more information, visit <http://www.onsemi.com>.

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