

## For Immediate Release

### ON Semiconductor NCL30051 PFC/Half-Bridge Combo Controller

**February 01, 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 NCL30051 PFC/Half-Bridge Combo Controller is optimized for off-line LED lighting solutions. The NCL30051 PFC/Half-Bridge Combo Controller integrates all of the features needed to implement a highly efficient and small form factor LED Driver/Power Supply. This NCL30051 PFC/Half-Bridge Combo Controller is designed to provide a constant voltage to a step-down DC-DC converter/LED driver (ON Semiconductor's NCL30160). ([View the NCL30160 Constant-Current Buck Regulator](#)) ON Semiconductor's NCL30051 PFC/Half-Bridge Combo Controller contains a critical conduction mode (CrM) power factor correction (PFC) boost controller and a half-bridge resonant controller with a built-in 600 V driver. The half-bridge stage of the NCL30051 PFC/Half-Bridge Combo Controller operates at a fixed frequency, greatly simplifying the control implementations.

To learn more, visit <http://www.mouser.com/onsemincl30051>.

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](http://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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