

New Product Announcement

Take Charge with the Panasonic Qi-Compliant Wireless Charging ICs Available from Mouser

September 3, 2014 – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking the [Qi Compliant Wireless Charging ICs](#) from [Panasonic](http://www.panasonic.com). These ICs support all equipment conforming to [WPC 1.1 Qi standard](#) of the Wireless Power Consortium, including portable audio, DSC, DVC, cellphone, and Smartphone devices.

The [Panasonic Wireless Charging ICs](#), available from Mouser Electronics, feature low power consumption and low heat dissipation in compliance with the Qi charging standard. As an expansion to Panasonic's already popular Wireless Charging Control IC line, the new NN32251A Transmitter IC includes both a microcontroller and an analog controller in one package, reducing external components and saving board space. When used together, the NN32251A transmitter and AN32258A-PR receiver chips achieve an energy conversion efficiency of over 70% as a Qi compliant charger.

The [NN32251A Wireless Power Supply Transmitter](#) features a half-bridge (4-ch) or full bridge (2-ch) configurable gate driver. Other features of the NN32251A include accurate voltage and current monitor for inverters, Qi-defined output control by frequency or duty cycle, and a temperature detection circuit. This device is compliant with Qi version 1.1 of the System Description Wireless Power Transfer, Volume 1 for Low Power, defined by the Wireless Power Consortium, and is targeted toward WPC-compliant [wireless chargers](#).

Also fully compliant with Qi version 1.1 is the [AN32258A Wireless Charging IC](#). This receiver controller IC features synchronous full bridge rectifier control, a temperature detecting circuit, full charge detection with an adjustable current level, and switching control of an external power supply. Designers can use the AN32258A with any Qi-compliant wireless charger, and the device is ideally suited for a variety of [low-power](#) and [wireless charging applications](#), including WPC compliant receivers, cell phones, Smartphones, headsets, digital cameras, tablets, and portable media players.

To learn more, visit <http://www.mouser.com/new/panasonic/panasonic-an32258a-pr-ic/>.

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About Mouser Electronics

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 4 million products online from more than 500 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 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Panasonic

Panasonic Corporation and its subsidiaries (Panasonic Batteries, Panasonic Electronic Components & Panasonic Industrial Devices) are innovators in consumer electronics and technology products. Guided by a mission to contribute to the progress and development of society and the well-being of people worldwide, Panasonic is a strong proponent of responsible electronics recycling and of reducing the global carbon footprint. Panasonic Corporation was named to the 2008 Global 100's list of the Most Sustainable Corporations in the World.

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– 30 –

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