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## New Product Announcement

# Panasonic PAN1322 All-in-One Bluetooth Module with Smartphone Compatibility from Mouser

**November 1, 2013** – [Mouser Electronics](http://www.mouser.com), Inc. today announced it is stocking the new Panasonic PAN1322 Place & Play Bluetooth® Module from [Panasonic Electronic Components](http://www.panasonic.com), an all-in-one Bluetooth module with smartphone compatibility.

The Panasonic Electronic Components PAN1322 Place & Play Bluetooth Module is smartphone compatible and supports Bluetooth 2.1 + EDR. Enhanced Data Rate (EDR) provides for data transfers as fast as 3Mbps/sec and the module can be programmed using standard modem commands using the AT command set. An onboard 2.4GHz transceiver and antenna frees engineers from having to do RF design. The module is based on a single chip Bluetooth solution that easily interfaces to most microcontrollers. While the BT 2.1 + EDR stack provides secure, reliable, high speed data connections, Secure Simple Pairing (SSP) allows for even faster connections and enforces data encryption for protection against man-in-the-middle (MITM) attacks.

The PAN1322 Series recognizes Apple's authentication coprocessor and supports Bluetooth Serial Port Profile (SPP) data communication with Apple iPhone® and iPad®. Connectivity is supported for Android, smart phones, and all Bluetooth enabled devices. The PAN1322 uses Panasonic's tiny footprint technology at just 15.6 x 8.7 x 2.8mm, and it is fully shielded to improve immunity from any interference.

The PAN1322 Series is fully compatible with the previous module, the PAN1321 Series. Easy hardware and firmware prototyping and testing are provided using the EVAL\_PAN1322 development kit and SPP Toolbox development environment, both available from Mouser Electronics. All Panasonic Bluetooth RF modules carry FCC, IC, CE Bluetooth certifications. To learn more, visit <http://www.mouser.com/new/panasonic/ec/panasonic-PAN1322-bluetooth-module/>.

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 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 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.

### **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 Electronic Components**

Panasonic Electronic Components is an industry leading manufacturer of high quality, standard, and custom electronic components and semiconductors. Choosing Panasonic Electronic Component's capacitors and other passive products means you receive the most reliable and advanced electronic components the industry has to offer.

### **Trademarks**

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