

New Product Announcement

Now at Mouser: Panasonic's PAN9026 Dual-Mode Wi-Fi and Bluetooth 5 Module Boasts High Data Rates and Low Power

August 1, 2018 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the [PAN9026A](#) Series dual-band Wi-Fi and *Bluetooth*® 5 radio module from [Panasonic](http://www.panasonic.com). The PAN9026 module combines 2.4/5 GHz IEEE 802.11 a/b/g/n support with Bluetooth BDR/EDR/LE functionality for flexible connectivity options in [smart energy](#), home gateways, and [Internet of Things](#) (IoT) applications.

The [Panasonic PAN9026](#) Wi-Fi and Bluetooth module, available from Mouser Electronics, features Dynamic Rapid Channel Switching (DRCS) for simultaneous operation in 2.4 GHz and 5 GHz. The independent operation of the two standards enables high data rates up to 150 Mbits per second to meet IEEE 802.11n specifications plus [low power](#) consumption of 400 mA (transmit) and 70 mA (receive).

With integrated [power management](#), a fast dual-core CPU, 802.11i security standard support, and high-speed data interfaces, the PAN9026 delivers the speed, reliability, and quality requirements of next-generation products. The module includes pre-stored transmit power calibration data and Wi-Fi and Bluetooth system parameters on the one-time-programmable memory to simplify certification processes. Also available to order from Mouser, the comprehensive [PAN9026 Evaluation Kit](#) and [PAN9026 SDIO adapter](#) enable engineers to rapidly prototype designs.

To learn more, visit www.mouser.com/panasonic-pan9026-wifi-bt-modules.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

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About Panasonic Industrial Devices Sales Company of America

Panasonic Industrial Devices Sales Company of America is the advanced industrial components and electronic devices sales division of Panasonic Corporation of North America, the principal North American subsidiary of Panasonic Corporation. The company provides cutting-edge components that power a diverse range of wireless and mechanical devices. Standard and custom components range from industrial automation devices to passive components, relays, connectors, sensors, wireless connectivity, semiconductors and more. Thriving as an innovator of consumer electronics, home appliances, communications, automotive and healthcare, Panasonic is continuously developing and improving cutting-edge, high quality, high technology components that power a diverse range of devices and products. The company is also pursuing advanced environmental initiatives to encourage the growth of environmental awareness and sustainability worldwide.

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