Module Allows Field Device Suppliers to Add WirelessShart to their Designs

RF Monolithics, Inc. has expanded its M2M portfolio of wireless communications products by adding a new WirelessHART-compliant RF module - the XDM2510H - to the company's industrial-grade RF module products.

Built on the Dust Networks'® IA-510(H) WirelessHART® system, the XDM2510H is compliant with the international IEC 62591 (WirelessHART) standard and enables industrial automation vendors to meet the rapidly growing demand for standards-based wireless sensor networking (WSN) solutions.

WirelessHART has emerged as the dominant standard for process automation allowing battery-powered sensors to be deployed in previously hard-to-reach locations while providing wire-like reliability.

The Dust Networks' IA 510(H) WirelessHART technology is widely recognized as a foundational building block of the WirelessHART standard. The RFM XDM2510H incorporates Dust Networks' technology and offers original equipment manufactures (OEMs) a quick path to market for field devices that are enabled with WirelessHART protocol.

The XDM2510H module provides a UART serial port for connection to sensors and an RF connector for antenna connection thereby removing the need for any RF engineering by OEMs, and with the XDM2510H module certifications in the USA, Canada and Europe (pending), no type acceptance testing is required of the OEMs' end products.

RFM's XG2510HE gateway product completes the network solution allowing connection either locally or anywhere across the Internet.

As with all the company's RF module products, RFM offers a developer kit (XDM2510HDK) to help design engineers fast-track their designs. The XDM2510HDK includes 4 XDM2510H modules, 4 XDM2510H development boards, 1 XG2510HE gateway, 1 Ethernet cable, 5 Serial cables, 9V Batteries and Wall-mount Power Supplies for each development board, Antennas and RF Cables, Software and Manuals CD, and Quick Start Guide. The XDM2510HDK developer kit will be available by the end of June 2010 from distributors Acal, Avnet, Digi-Key, Mouser Electronics, Nu Horizons, and Welotec (in Germany).

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