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One RF Technology introduces ZigBee ready solutions with the launch of a new TinyOne module for intelligent networking in the 2.4 GHz ISM band.

One RF Technology, the partner of choice in the radio frequency market, upgrades its solutions range with a new ZigBee ready module, in the worldwide 2.4 GHz ISM license free band, for the markets of industrial control, residential control, building automation, commercial control, personal healthcare and consumer electronics.

Integrated on the well known 38 x 22 x 3.5 mm TinyOne SMD platform, this ZigBee ready module will support PAN coordinator, Full Function Device (FFD) and Reduced Function Device (RFD) operation within ZigBee compliant wireless star, cluster tree and mesh networks.

Operating on the 2.4 GHz license free ISM band, this transceiver features 16 channels, 0 dBm output power and a data rate of 250 Kbps with a -90 dBm sensitivity, allowing an optimal range of 75 m in open field. Gathering strong embedded intelligence as well as very low consumption abilities, the B2400ZB-tiny module offers reliable performance even in difficult conditions.

Suitable for pick & place process, this module requires neither further development nor processing for OEM integrators with no RF experience or resources. OEMs who were looking for wireless capacities for their products now found the perfect complete radio solution to reduce their time-to-market and development costs.

About the TinyOne family (www.one-rf.com)

TinyOne modules are low power compact radio solutions for wireless applications. Their high level of integration and their flexible firmware can replace wires in many data transmission systems, even for non RF specialists. These pre-certified modules, working in the license free ISM bands, can be easily integrated into your application, allowing a high reduction of development time and cost.

About the ZigBee Alliance (www.zigbee.org)

The ZigBee Alliance is an association of companies working together to enable reliable, cost effective, low-power, wirelessly networked, monitoring and control products based on an open global standard. The ZigBee Alliance is a rapidly growing, non-profit industry consortium of leading semiconductor manufacturers, technology providers, OEMs, and end-users worldwide.

About One RF Technology (www.one-rf.com)

Based in the high-tech city of Sophia Antipolis and represented in the whole Europe, One RF Technology is an innovative and growing company specialized in the development and manufacturing of smart and flexible radio solutions for worldwide license free application (433 MHz, 868 MHz, 915 MHz and 2.4 GHz) and in heavy customised solutions for specific markets.

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