



TinyOne Lite 433 MHz completes the low-power radio module family

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One RF Technology, experts in low-power wireless and front-runners of European ZigBee technology, has recently completed its successful TinyOne OEM RF module family, thereby allowing engineers the choice of 4 ISM frequencies and 4 different firmware options, including ZigBee networking.

PR9.NET February 21, 2008 - SOPHIA ANTIPOLIS, France — Based on the TinyOne module family footprint, the TinyOne Lite 433 MHz offers the customers a low-cost 433 MHz radio solution for industrial applications up to 500 metres. The lower frequency allows the customers to benefit from better propagation through walls even at low output power levels. The TinyOne Lite 433 MHz OEM RF module measures 38 x 21 x 3 mm and is a pre-certified SMD component. Moreover, in addition to the company's standard firmware, the module is available off-the-shelf with the company's unique low-power mesh networking firmware – M-One Stack.

The M-One Stack is designed especially for constructing low-power long-range wireless Mesh networks (Sensor networks, Irrigation, Home Control). Within this type of a network, all the devices can communicate with each other using a robust address deployment protocol and a flexible hierarchy. The network topology can be set either manually or using a fully automatic engine, with auto-association and auto-repair functionalities.

More information on the TinyOne Lite 433 MHz OEM RF module can be found at <http://www.one-rf.com/en/b433mc-tinylite40.html>.

Availability

The TinyOne Lite 433 MHz, as well as the other members of the TinyOne OEM RF module family, is currently available from One RF Technology and its distributors worldwide.

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About One RF Technology

One RF Technology is a high-tech company focused on designing and developing innovative and reliable radio solutions for data transmission systems. The Company offers its customers a wide range of OEM RF modules and radio modems that can be operated in the license free 433 MHz, 868 MHz, 915 MHz and 2.4 GHz ISM frequency bands. Moreover, the company offers a custom RF design service – from concept to manufacturing – to design radio solution on behalf of its customers. One RF Technology is a member of the ZigBee Alliance and it is currently focusing on developing ZigBee radio solutions. For more information, visit www.one-rf.com.

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