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FOR IMMEDIATE RELEASE

DP1203 Series Radio-Only Transceiver Allows Effective Customization to Optimize RF

June 14, 2013 — The new DP1203 Series radio-only RF transceiver module is designed for the wireless transmission of digital data at data rates of up to 152.3kbps. Operating in the 433, 868 and 915MHz license-free ISM (Industrial Scientific and Medical) frequency bands, this module series is ideal for applications that require full-control of the radio channels and configuration, without having to go through the effort and expense of a discrete RF design.

The module has a maximum output power of +15dBm and a receiver sensitivity of –111dBm. This gives the module a typical line of sight range of 2 to 3 miles (3.2 to 4.8km) at the maximum output power with typical monopole whip antennas, depending on frequency. Regulations in the country of operation dictate the maximum legal output power, so the final system range may be less depending on the country of operation.

The DP1203 Series transceiver module contains all of the components necessary for the radio link, but is otherwise completely configurable. All of the transceiver configuration registers are available to optimize the RF link for the application with an external microprocessor through a 3-wire interface. This allows the designer the ability to optimize the module for their specific needs. This includes controlling the radio to maximize battery life and optimize communication protocol. It also includes the ability adjust the radio on the fly to improve the link quality through Received Signal Strength (RSSI) and Frequency Error Indicator (FEI) features. The DP1203 modules can be used in any environment where wireless remote connection is an advantage. They are perfect for complex wireless networks involving high speed data rate applications. Application examples include security systems, home and industrial automation, process, access and building controls and home appliance interconnections.

Another key feature to the DP1203 family of modules is simplicity: modules and antennas are the only RF components needed and tuning is not required. In addition, a simple 3-wire interface is used for configuration, limiting the number of connections and software overhead.

The DP1203 radio module is suitable for applications seeking to satisfy the European (ETSI EN300-220-1 and EN301 439-3) or the North American (FCC part 15.247 and 15.249) regulatory standards.

For more information about the DPS1203 Series, call Linx at +1 800 736 6677 (+1 541 471 6256 outside the United States) or visit www.linxtechnologies.com.

About Linx Technologies

Linx Technologies makes wireless simple by developing and manufacturing wireless products that are easy for engineers of all skill levels to use. The company's RF modules, remote controls, antennas and connectors make it easy for engineers to integrate wireless features without the hassle and expense of engineering RF functionality from scratch.

Wireless made simple®