



LS RESEARCH
Wireless Product Development

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FOR IMMEDIATE RELEASE

LS Research introduces ProFLEX™, a 2.4GHz 802.15.4™ FCC-Certified Module

Cedarburg, Wis. — November 30, 2009 — LS Research has just released ProFLEX™, the latest addition to its ModFLEX™ portfolio. ProFLEX is a certified module based on Texas Instruments' CC2520 2.4GHz IEEE® 802.15.4™ and ZigBee® transceiver, MSP430 microcontroller, and CC2591 RF front end. LS Research's ModFLEX program gives customers the option of purchasing the certified module, licensing the design files or having LS Research custom-build a design. The program offers customers a path to cost reduction while still enabling them to release a reliable product quickly. ModFLEX is structured to support a diverse client base of various sizes and budgets.

ProFLEX offers a complete set of feature enabling developers to bring their products to market quickly. The module is built on a versatile platform to allow for the latest ZigBee Pro® stack and can transmit at up to 100mW RF output power for long-range applications. The module is FCC/IC/CE certified, which will allow for license-free operation in North America, Canada and Europe. The module software is based on the IEEE 802.15.4 and ZigBee software stack, conforming to industry standards and providing interoperability between products. Other popular ProFLEX features are built-in AES encryption for secure networks, 256k program flash, an integrated PIFA antenna, and an option for an external antenna.

"This expansion of our ModFLEX family of radios continues our 30-year history of providing customers a wide variety of products and services supporting their wireless needs," said Bill Steinike, president of LS Research.

ProFLEX shares a common design and footprint with other LS Research ModFLEX modules to give designers the flexibility of choosing a wireless platform. Other ModFLEX modules include 900MHz DSSS and FHSS modules, as well as WiFi modules. All LS Research ModFLEX modules work with LS Research gateway products, which will be released later this year. The gateways provide simple, low-cost connectivity for Ethernet and USB.

For more information about LS Research's ProFLEX module, contact the LSR sales team at sales@lsr.com or (262) 375-4400.

About LS Research, LLC

Based in Cedarburg, Wis., LS Research is the premier wireless product development company specializing in RF design, software development and FCC/CE certification services. LS Research is at the forefront of the latest wireless technologies, including Wibree, Zigbee, wireless USB, WiFi, Bluetooth and UWB. LS Research designs wireless products to help clients take their business to the next level through technical innovation and has a long history of helping both Fortune 500 companies and startups with new product development.

At the heart of LS Research's innovative talent is its core RF engineering group, with 30 years of proven wireless product development experience. LS Research offers system-level design and product services, including design feasibility, complete system design, hardware/software integration, prototyping and manufacturing across a wide range of product applications such as industrial, smart energy, medical, video, consumer and others. In addition, LSR is the only product development firm with turnkey design service and an on-site FCC/CE-approved test facility for all EMC testing needs, and it is part of Texas Instruments' Elite Design House Network.

ZigBee is a registered trademark of the ZigBee Alliance. IEEE 802.15.4 is a trademark of the IEEE.

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