Cooperation: Technology developers and hardware specialists create application-oriented sensor network solutions

AMBER wireless GmbH and the Fraunhofer Institute for Integrated Circuits IIS will launch their cooperation in the area of wireless fully intermeshed sensor networks at embedded world 2014. Users and providers of sensor network solutions will be able to obtain system designs, support, and effective communication modules from a single supplier. This opens up new ways to network home and building technology, to automate process in transport and logistics, and to reduce costs in the health industry.

The core components of the "AMB8627-s-EV" evaluation kit are the s-net® technology from Fraunhofer IIS and the "AMB8627-s" compact radio modules from AMBER wireless.

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Sensor networks are today mooted as a solution in almost all areas of daily life where processes need to be optimized, efficiency improved, and costs saved. The realization of various solutions requires a perfect combination of consultation, hardware modules, radio protocols, and system integration. Heinz Brych, CEO of AMBER wireless, explains: "The cooperation between AMBER wireless and Fraunhofer IIS provides market-ready sensor network solutions as an ideal basis for various automation applications." Jürgen Hupp, head of department "communication networks" at Fraunhofer IIS, adds: "The energy-efficient s-net radio protocol for self-organized multi-hop sensor networks opens up new possibilities for building and home automation, for the growing market in process automation for the transport and logistics sector, and for the healthcare business. The close cooperation with AMBER wireless allows us to develop technological solutions that take our customers' varying requirements into consideration."

**High-quality, cost-efficient sensor networks**

Potential customers can get to know the "AMB8627-s-EV" evaluation kit at embedded world from February 25th to 27th, 2014, in Hall 4, Stand 668 (AMBER wireless) and Stand 140 (Fraunhofer IIS). There will be further chances to test our enhanced range of fully meshed sensor networks at HMI in Hanover in April as well as European Utility Week in Amsterdam and Electronica in Munich in November.

**AMBER wireless GmbH**, the specialist for wireless connectivity

AMBER wireless GmbH focuses on solutions for wireless sensor networks, building automation, medical/healthcare, logistics, automatic meter reading, and smart homes. It is an owner-run German electronics company with locations in Cologne (headquarters) and Trier that specializes in the development, manufacture, and sale of products that use wireless data transmission.