

Atlantik Elektronik at the embedded world 2010 in Nuremberg**High performance for embedded solutions**

Planegg, February 18th, 2010

Atlantik Elektronik, marketer of innovative semiconductor products, presents itself from 2nd to 4th march 2010 in hall 12.0, booth 443, at the world largest exhibition of embedded technologies.

Atlantik Elektronik takes part with a large portfolio of semiconductor products and solutions in the divisions embedded microcontroller, wireless connectivity, infotainment and system solutions and informs the trade and professional visitors about the current development trends.

With **AKM's EM-3242** the newest component for contact less, non-expendable measurement of angle positions and rotations is introduced. The circuit integrates hall elements and signal processing in a very small micro-6-pin package. With a simple dual poled magnet a measurement of more than 360° with a resolution of 0,36° (10bit) is possible.

The latest generation of **Holtek's Touch Switch ICs** enables the connection of 1 to 8 touch keys with the smallest possible extern circuit complexity. This minimizes the size of the PCB-package and the price. Especially small white goods that need contactors with touch functionality benefit from this. The functioning of these controllers will be demonstrated live at Atlantik's booth.

PRESSEMITTEILUNG

Atlantik Elektronik GmbH presents the new **ConnectCore™ Wi-MX51** core module based on Freescale's new high-performance i.MX51 processor. It is specifically designed for low power, handheld applications.

In addition to many new innovative products for high integrated **power management solutions** from Advanced Analogic Tec (AATI) Atlantik Elektronik presents the latest Dual-Step-Down converter from AATI's portfolio, the AAT2522. This switching regulator is a synchronous dual-high-power-step-down converter with an input voltage range from 2.7V to 5.5V and an adjustable output voltage from 0.6V up to the input voltage V_{in} . Low space requirements and high efficiency make the AAT2522 a perfect choice for portable applications.

Atlantik showcases the brand new 32-bit microcontroller family "**NuMicro**", that is equipped with an **Arm Cortex-M0** kernel. The product family is distinguished with low power consumption at a high performance, and supports many different interfaces. The on board Flash memory (up to 128KB) supports SPI, IAP and ICP programming for fast and easy program updates during development or in the field. The main memory is up to 16KB. High-Speed UART, SPI, I2C, CAN-Bus and USB 2.0 interfaces are available. Atlantik Elektronik raffles ten "NuMicro" starter kits among all interested booth visitors.

Atlantik Elektronik GmbH presents the new **GPS-Module** based on **SiRFstarIV technology**. The A2100 GPS receiver module is built around the new GSD4e chip with sophisticated firmware. The special SiRFaware™ technology allows the module to be in a state of readiness at all times thereby enabling rapid navigation for long periods.

PRESSEMITTEILUNG

Atlantik Elektronik introduces the recent addition of Lantronix' XPort® Family, the Xport®Pro™. These embedded device servers are used in millions of devices worldwide. The provides XPort®Pro™ customers a powerful engine with deploying advanced applications at the network edge, all in an integrated, thumb-sized package.

As a solution provider Atlantik Elektronik is able to offer complete solutions based on aforementioned products and to advice costumers with the design and the development.

Please visit us from 2nd to 4th March at the embedded world 2010, Hall 12.0, at booth 443 and convince yourself of our announcements.

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About Atlantik Elektronik GmbH

Atlantik Elektronik is a company of the Atlantik Networxx Group. The company is marketer and design-in-specialist of innovative semiconductors and semiconductor solutions, specifically for High-End-Markets, and also provides engineering solutions and production capacities to customers. Atlantik is a trendscout for new developments and new technologies. The competences and the product portfolio of the company are in the field of Embedded Microcontroller, Wireless, Connectivity, Infotainment and System Solutions.

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