

Welcome to the new edition of the Inteltek NEWSLETTER. It contains news, facts and information to help you to obtain the best out of our products and services.

Our new issue contains information on:

## Product Information August 2011

- **Atmel launches Ultra-low power, 8/16-bit AVR XMEGA Series with USB and High- precision Analog**
- **Fujitsu launches new SPI FRAMs in 0.18 $\mu$ m technology**
- **Micro Analog Systems announces their new Piezo Driver IC MAS6240**

Product series: ATxmega

### **Atmel launches Ultra-low power, 8/16-bit AVR XMEGA Series with USB and High-precision Analog**

Atmel announced additional unique features to the already-successful 8/16-bit AVR XMEGA microcontroller (MCU) family with the industry's lowest power consumption of 100nA with 5 $\mu$ S wake-up time. The new Atmel AVR<sup>®</sup> XMEGA<sup>®</sup> family includes full-speed USB, the fastest and highest-precision analog systems, a Direct Memory Access (DMA) controller and the innovative event system that maximize real-time performance and throughput while reducing CPU load. This new family lowers overall system cost through higher integration, capacitive touch support, and ultra-low power consumption. The AVR XMEGA microcontrollers are designed for applications in the industrial, consumer, metering and medical segments.

[More...](#)



Product series: MB85RSxxx

### **Fujitsu launches new SPI FRAMs in 0.18 $\mu$ m technology**

Fujitsu Semiconductor Europe is sampling customers with the new SPI FRAMs based on its 0.18 $\mu$ m technology. With this step, Fujitsu approaches the end of the migration process from 0.35 to 0.18 $\mu$ m technology achieving the industry-leading FRAM performance with E2PROM compatible package. FRAM (Ferroelectric Random Access Memory) combines the advantages of fast writing SRAM with non-volatile Flash into one device. The new SPI FRAM family MB85RSxxx incorporates 3 devices: MB85RS256A, MB85RS128A and MB85RS64A, which represent 3 density levels of 256Kbit, 128Kbit and 64Kbit respectively.

[More...](#)



Product series: Audio IC

**Micro Analog Systems announces their new Piezo Driver IC MAS6240**

MAS6240 is a piezo driver IC designed to create a multi-tone sound based on a charge pump technology. It is a high efficiency, easy to use and low cost IC perfect for battery driven equipment or other low voltage applications where a high sound pressure is needed. MAS6240 can drive outputs up to 18 VP-P from single 3 V supply voltage. An input voltage amplification factor can be selected as 1, 2 or 3. The output can be single mode or differential mode.

[More...](#)



---

For more information regarding samples, prices and lead times for the above products please send your inquiry to: [info@ineltek.com](mailto:info@ineltek.com)

For more detailed product information please contact an Ineltek office in your area or visit our homepage: [www.ineltek.com](http://www.ineltek.com)

Ineltek respects your time and privacy. If you are not interested to receive further newsletters from us, please unsubscribe [here](#).

To view previously released Newsletters please click [here](#).

To download this Newsletter in PDF format please click [here](#).

© 2011 Ineltek GmbH. All Rights Reserved.

---

Contact Information and Disclaimer

Ineltek GmbH  
Headquarter  
Hauptstr.45  
89522 Heidenheim, Germany  
[strassburg@ineltek.com](mailto:strassburg@ineltek.com)