

Welcome to the new edition of the Ineltek 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

## Product Information January 2012

- **Atmel AVR XMEGA & AVR Studio 5 Training**
- **Redpine Signals Announces Industry's First Full-Featured and Self-Contained Low-Power 802.11n Wi-Fi Module**
- **Atmel Broadens Portfolio of Lowest Power, Highest Performance 32-bit AVR UC3 Microcontroller Solutions**

Customer Workshop: Atmel AVR

### Atmel AVR XMEGA & AVR Studio 5 Training

Lernen Sie, wie Sie die Eigenschaften des Atmel® AVR Studio® 5 direkt für die Softwareentwicklung ihrer eigenen Applikation nutzen können.

Erfahren Sie mehr über die ASF (AVR® Software Framework) Treiber und Funktionen (GPIO, PWM, USART drivers, Delay & Clock Control services) für die Atmel AVR XMEGA® und die Atmel AVR UC3 Plattform anhand von ausgewählten Hands-on Trainings.

Wenn Sie zudem weiterführende Informationen und Trainings zum Thema USB hören bzw. eigenständig umsetzen möchten, sind Sie bei diesem Workshop genau richtig.

#### Termine:

**27.03.2012** Heidenheim a. d. Brenz  
**28.03.2012** Köln  
**29.03.2012** Hannover

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Product series: RS-WC-Series

### Redpine Signals Announces Industry's First Full-Featured and Self-Contained Low-Power 802.11n Wi-Fi Module

Redpine Signals, Inc., a leading developer of ultra low power and high-performance multi-standard wireless chipsets and systems, today announced the release of the industry's first self-contained low-power Wi-Fi module for M2M markets. Redpine's WiSeConnect™ secure is the first to implement advanced features Wi-Fi module supports advanced feature set – Wi-Fi Direct™, Enterprise security, SEP 2.0, Embedded AP and multiple host interfaces to





accelerate Wi-Fi deployment for the Internet-of-things market.

**Highlights:**

- Easy to Integrate – Self-contained with all hardware and software required for Wi-Fi and regulatory compliance built into the module.
- Full-Featured – Opens up new applications for self-contained Wi-Fi modules in enterprise, M2M, medical, industrial and high-end consumer markets.
- Small footprint and Low power – Enables integration of small battery operated systems e.g., wearable medical devices.

[More...](#)

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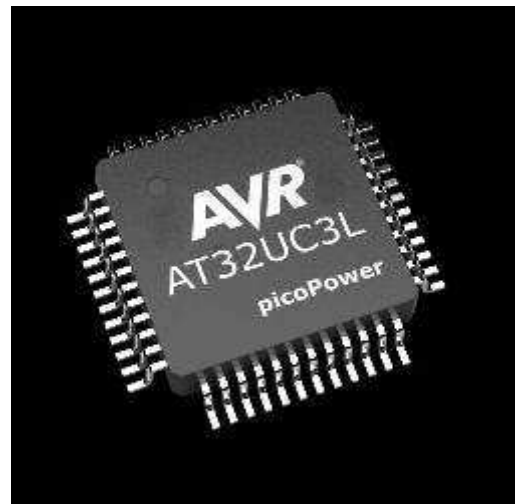
Product series: AT32UC3

**Atmel Broadens Portfolio of Lowest Power, Highest Performance 32-bit AVR UC3 Microcontroller Solutions**

Atmel® Corporation a leader in microcontroller and touch solutions, today announced the release of 13 new devices in 3 different product series in its 32-bit AVR® UC3 product portfolio. The award-winning AVR UC3 microcontrollers (MCUs) feature high performance, digital signal processing (DSP) instructions, USB connectivity, secure encryption and capacitive touch support. In addition to new devices in the existing UC3 L and UC3 A Series, a new UC3 D Series of MCUs is now available. Atmel's AVR UC3 product portfolio now includes:

- AVR UC3L: expands the award-winning ultra-low power 32-bit MCU, including new memory options and adding USB functionality.
- AVR UC3D: a brand new product series which targets entry-level 32-bit applications and includes hardware for capacitive touch support.
- AVR UC3A4: a high-performance, high-throughput UC3 device series with high-speed USB and 128kB of SRAM. The devices also offer an optional 256-bit AES encryption decryption/encryption module.

[More...](#)



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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)



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