

## **FOR IMMEDIATE RELEASE**

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### **IXYS and Zilog Introduce New Digital Power Control Reference Designs That Feature IXYS® Power Semiconductors and Zilog® Microcontrollers**

Biel, Switzerland, April 29, 2010 – IXYS Corporation (NASDAQ: IXYS), a leader in power semiconductors and mixed signal ICs and MCUs for improved power management, energy efficiency and renewable energy, announced today the introduction of new reference designs that will be demonstrated in the PCIM Europe 2010 show in Nuremberg Germany in the IXYS Booth 12/401.

The Motor Control reference designs feature the Z8 Encore!® Z8FMC16100 MCU and a brushless DC motor. A motion sensing and control design features the Zilog ZMOTION™ with technology, based on a passive infrared sensor and the Z8 Encore! Z8FO82A microcontroller. For advanced LED lighting control, the Z8 Encore! XP Z8F1680 microcontroller based design that controls an IXYS LED driver LDS8720 driving 32 LEDs that is powered by the IXYS solar cells will also be demonstrated.

“We are delighted to bring to Europe the innovative spirit of Silicon Valley, with the integration of our power semiconductors and the Zilog world renowned MCUs. The demonstration will feature the use of the Apple iPad as an advanced control and demonstration platform by our Zilog team headed by Darin Billerbeck, CEO of Zilog,” commented Dr. Nathan Zommer, CEO of IXYS.

#### **About IXYS Corporation**

IXYS Corporation makes and markets technology-driven products to improve power conversion efficiency, generate solar and wind power and provide efficient motor control for industrial applications. IXYS offers a diversified product base that addresses worldwide needs for power control, electrical efficiency, renewable energy, telecommunications, medical devices, electronic displays and RF power.

Zilog is a trusted supplier of application-specific, embedded system-on-chip (SoC) solutions for the industrial and consumer markets. From its roots as an award-winning architect in the microprocessor and microcontroller industry, Zilog has evolved its expertise beyond core silicon to include SoCs, single board computers, application specific software stacks and development tools that allow embedded designers quick time to market in areas such as energy management, monitoring and metering, motor control and motion detection. Zilog is an IXYS company. For more information, visit our websites at <http://www.ixys.com>, and <http://www.Zilog.com> .

## **Safe Harbor Statement**

Any statements contained in this press release that are not statements of historical fact, including the performance, features and suitability of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its Form 10-Q for the quarter ended December 31, 2009. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.

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