Zilog Announces New ZNEO32! 32-bit Microcontroller Family

Leiden, Netherlands and Milpitas, CA. November 19, 2015 – Zilog®, an IXYS Company (NASDAQ: “IXYS”), focusing on application specific solutions with microcontrollers (MCUs), today introduced its ZNEO32! family of 32-bit Cortex M3 microcontrollers, thereby expanding its line of microcontroller products.

The new Cortex M3 microcontrollers are special-purpose MCUs for first class motor applications that offer cost effective, high performance 32-bit computing capabilities. This family of MCUs provides 3-phase PWM generator units which are suitable for inverter motor drive systems. Most of the MCUs within the ZNEO32! family offer two built-in channels for the generators to control two individual inverter motors simultaneously. They have up to three 12-bit high speed ADC units with 16-channel analog multiplexed inputs to gather information from the motor; additionally, some of these MCUs include both operational amplifiers and comparators.

The ZNEO32! family of products includes MCUs that are well suited for a variety of applications that require highly deterministic real-time applications, automotive systems, industrial control systems, wireless networking and sensors, and low power applications.

“Zilog has created special motor control technologies for advanced motor control needs that now complement this 32-bit series of Cortex M3 MCUs. As part of the World of IXYS of power and mixed signal ICs, we offer the complete line of products to support our worldwide customers, especially in the industrial, medical, power management, consumer, power management and IoT markets,” remarked Steve Darrough, Zilog’s VP of Marketing.

Key Features:

- High performance, low power Cortex-M3 Core, operating at up to 80 MHz
- Up to 384 KB flash memory options
- Up to 16 KB SRAM options
- Up to two 3-phase motor PWM with ADC triggering function
- Up to three 16-channel 1.5 Msps high-speed ADC with burst conversion function
- 20 MHz precision internal oscillator clock
- Six general purpose timers with quadrature encoder counter
- External communication ports: as many as 4 UARTs, 2 I2Cs, 2 SPIs
- Package options include LQFP-32, LQFP-48, LQFP-64, LQFP-80, LQFP-100
Zilog’s ZNEO32! family of products and development kits are currently in production and available to ship to customers that place orders through distributors. To learn more, visit www.zilog.com.

About Zilog an IXYS Company

Zilog 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.

Safe Harbor Statement

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, benefits, reliability, availability 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 Annual Report on Form 10-Q for the fiscal quarter ended September 30, 2015. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.