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Zilog ePIR™ Enhanced Motion Detection ZDOTS® Single Board Computer Bolsters Energy Management For Vending And Other Applications

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Latest Compact, High-Performance Zdots Single Board Computer Enables Quicker Time-to-Market for Motion Control Embedded Solutions

SAN JOSE, Calif., Oct. 28, 2008 – Vending machines and other major appliances featuring energy management capabilities are among the motion detection embedded applications that can be brought to market rapidly with Zilog's new ePIR™ (Enhanced Passive Infrared) Motion Detection Zdots® Single Board Computer (SBC) for home and industrial control solutions. Zilog, Inc., (Nasdaq: ZILG) is a leading supplier of embedded solutions for consumer and industrial applications, and an industry leader in remote control and universal infrared database solutions.

Aside from allowing energy management capabilities to easily be added to major appliances, the ePIR Motion Detection Zdots SBC can be easily integrated into a variety of motion detection embedded solutions including lighting and access controls, display systems and general purpose proximity sensing.

"Zilog is increasing the functionality of our control solutions with this new Zdots SBC focused on PIR motion detection," said Mike Orr, Zilog vice president and general manager, Microcontroller Business Unit. "Our fully integrated Zdots single board computers allow our customers to be more competitive by bringing their application-specific embedded solutions to market much faster and more cost effectively."

The ePIR Motion Detection Zdots SBC includes a PIR sensor and Fresnel lens and delivers a high performance digital solution at an analog price point. Using PIR sensor technology, it combines the unique features of the Z8 Encore! XP® MCU, including Zilog's unique sigma-delta technology, with powerful, new motion detection algorithms that provide a dramatic improvement in sensitivity, stability and reliability. This will result in performance improvement and feature enhancements for many applications. The technology is capable of attributes such as left and right motion direction detection that extends the next-generation capability set of products using this unique technology. Furthermore, the technology used in Zilog's ePIR Motion Detection Zdots SBC exceeds the current worldwide regulatory 2 gigahertz radiated immunity EMC standards.

Additionally, the ePIR Motion Detection Zdots SBC is an ideal time-to-market embedded solution for any motion detection device, adding energy management capability to various

applications including vending machines, display systems, appliances, lighting control, access control and general purpose proximity sensing. Key ePIR Motion Detection Zdots SBC features for customizing motion detection applications include: adjustable sensitivity, delay and ambient light thresholds, SLEEP mode for low-power applications, dynamic enhanced PIR sensor stabilization that minimizes power-on time and photocell input for ambient light detection. Finally, the Zilog ePIR Motion Detection Zdots SBC advanced software-based motion detection algorithms provide superior sensitivity and stability — all with the impressive small form factor of only 25.5 by 16.7 millimeters. Zilog's ePIR Motion Detection Zdots SBC is in production and now available to ship to customers that place orders through distributors. For more information, visit www.zilog.com.

About Zilog, Inc.

Zilog is a global supplier of application specific, embedded system-on-chip (SoC) solutions for secured transactions, consumer electronics and industrial application and an industry leader in remote control and universal IR database solutions. From its roots as an award-winning architect in the microprocessor and microcontroller industry, Zilog has evolved to become a leader in production-ready and custom-built SoC solution sets. Zilog is headquartered in San Jose, California, and employs approximately 500 people around the world, with sales offices in Asia, Europe, and North America. For more information about Zilog and its products, visit <http://www.zilog.com/>.

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