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For Immediate Release

**Yamatake Corporation to Distribute Cypress Envirosystems'
Innovative Automation Solutions in Japan**

*Productivity-Improving and Energy-Saving Products Well-Suited
For Large Japanese Market of Industrial Plants and Buildings*

SAN JOSE, Calif., May 12, 2009 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NYSE:CY), today announced it has signed a distribution agreement with Yamatake Corporation of the azbil Group. Under the agreement, Yamatake will distribute, sell, and service Cypress Envirosystems' portfolio of wireless sense and control products in Japan. Cypress Envirosystems' solutions covered by the agreement include the Wireless Gauge Reader, Wireless Steam Trap Monitor, Wireless Freezer Monitor, and Wireless Battery Monitor, all of which save energy and improve productivity in existing buildings and manufacturing plants.

“Cypress Envirosystems' wireless sense and control technologies are low-cost, easy-to-implement and non-invasive, all of which are important in today's market,” said Taro Sento, Director of Marketing for the Measurement and Instrumentation Business Unit at Yamatake. “In the current economy, many of our customers are limiting new spending while trying to obtain the maximum energy efficiency and productivity in their facilities.”

“With its long established manufacturing base and infrastructure, Japan represents a significant market opportunity for Cypress Envirosystems products,” said Harry Sim, CEO of Cypress Envirosystems. “Yamatake has excellent customer relationships, and its strong focus on saving energy and improving productivity is a perfect fit for us. Just as important, it has the local field expertise to provide engineering, installation and service coverage throughout all regions of Japan.”

About the Cypress Envirosystems Industrial Automation Product Line

The patent-pending Wireless Gauge Reader (WGR) clips-on to the front face of an existing gauge to capture and transmit the readings. It installs in minutes and does not require removing

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old gauges, breaking pressure seals, performing leak checks, running wires or interrupting the underlying process. It costs 70% less to install than a traditional transducer and enables automatic trending and alarming of process parameters to reduce energy use, lower maintenance labor and improve uptime.

The Wireless Steam Trap Monitor (WSTM) mounts non-invasively onto existing steam traps in minutes and uses a proven algorithm to detect steam trap failures, particularly expensive steam leaks. An estimated 15-20% of steam traps are malfunctioning at a given time, and each leaking trap wastes \$5,000 or more in energy costs per year. The WSTM augments manual audits to detect failures in a timely manner and avoid wasting resources.

The Wireless Freezer Monitor (WFM) enables near real-time monitoring of critical freezers used to store and maintain valuable samples in most hospitals and pharmaceutical plants. The WFM uses non-invasive clamp-on current sensors and wireless communication to provide predictive maintenance for high and low stage compressor current, door position, and internal freezer temperature.

The patent-pending Wireless Battery Monitor (WBM) enables reliable monitoring of battery health for Uninterruptible Power Supply (UPS) systems. It can be mounted on existing batteries in minutes, and provides internal resistance, temperature and voltage measurements - all critical parameters to ensure the UPS can perform when needed. The WBM replaces time-consuming and inaccurate manual testing of batteries employed by many plants and data centers.

Cypress Envirosystems solutions employ Cypress Semiconductor Corp. products, including 2.4-GHz wireless radios and intelligent PSoC[®] programmable system-on-chip. Cypress is an industry leader in low-power, energy-efficient products.

About Yamatake Corporation

Established in 1906, Yamatake Corporation is a leading manufacturer in the field of measurement and control with extensive experience in providing innovative control products, building automation and industrial automation. It has a comprehensive network of sales and service locations throughout Japan, and works closely with customers on consulting and development through to installation, training and maintenance, to offer optimum solutions and services.

Yamatake serves a diverse range of industries including Semiconductor, Automotive Manufacturing, Food Manufacturing, Plastics, Packaging Equipment, Medical/Pharmaceutical, and general industries. The Yamatake Group has operations in 15 countries, a total of 8,000 employees, and sales of US\$2.2 billion. The Group strives to realize safety, comfort and fulfillment in people's lives and contribute to the global environment through "human-centered automation." For more information, visit www.yamatake.com.

About Cypress Envirosystems Corporation

Cypress Envirosystems is a subsidiary of Cypress Semiconductor (NYSE: CY). Its mission is to save energy and improve productivity in older plants and buildings, using state-of-the-art non-invasive and wireless technologies to minimize disruption and cost, delivering payback of 12 months or less. More information is available at: www.CypressEnvirosystems.com.

About Cypress

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the PSoC® programmable system-on-chip, USB controllers, general-purpose programmable clocks and memories. Cypress also offers wired and wireless connectivity technologies ranging from its CyFi™ Low-Power RF solution, to West Bridge® and EZ-USB® FX2LP controllers that enhance connectivity and performance in multimedia handsets. Cypress serves numerous markets including consumer, computation, data communications, automotive, and industrial. Cypress trades on the NYSE under the ticker symbol CY. Visit Cypress online at www.cypress.com.

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