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For Immediate Release

Cypress Envirosystems Wins Product of the Year Award
From EN-Genius Network

Editors Select Wireless Control and Monitoring Solutions as
"Most Cost-Effective Energy Conservation Product"

SAN JOSE, Calif., February 26, 2009 - Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NYSE:CY), today announced that its energy-saving wireless control and monitoring solutions have been named "Most Cost-Effective Energy Conservation Product of the Year" by EN-Genius Network, a leading electronics design publication.

"By addressing the demand side of the green energy equation, this new family of energy-saving technologies may have an even greater positive impact on the environment than the SunPower high-efficiency solar cells which were developed by another Cypress spin-off," wrote the EN-Genius editors in the award description.

Products cited in the annual competition "will make significant bottom line numbers for the companies involved because of their strong technical merit, design innovation and marketability," according to EN-Genius editors. EN-Genius Network's Products of the Year are selected by its editorial staff from hundreds of products reviewed during the year.

Cypress Envirosystems' new technologies enable older buildings and manufacturing sites to adopt the latest automation technologies at an affordable cost, and with minimal disruption to existing occupants, processes and staff. The products require minutes to install and typically provide payback within 12 months. The solutions reviewed by the EN-Genius Network include the Wireless Pneumatic Thermostat, the Wireless Steam Trap Monitor, the Wireless Gauge Reader and the Wireless Transducer Reader. For more information, visit www.CypressEnvirosystems.com.

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"We are honored to have our control and monitoring solutions recognized by the knowledgeable editors of EN-Genius Network," said Harry Sim, CEO of Cypress Envirosystems. "Cypress Envirosystems is committed to identifying new applications to bring the energy-savings and productivity improvement of emerging technologies to the enormous number of legacy buildings, plants and manufacturing sites."

About the Cypress Envirosystems Product Line
The patent pending Wireless Pneumatic Thermostat (WPT) retrofits existing pneumatic thermostats to deliver DDC-like functionality in minutes. Compared with a cost of $2,500 or more per zone for implementing DDC systems, the WPT costs less than 20% as much, and it may be installed in under 20 minutes with minimal disruption of occupants. It enables remote temperature sensing and control of setpoints, programmable zone control and night setback, automatic self-calibration, BACnet integration with existing automation systems, and enables use with utility Demand Response programs.

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 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 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 Transducer Reader (WTR) provides a fast and inexpensive solution to read and transmit data from existing standalone transducers with no need to run wires. Its programmable input circuitry can be configured to read most analog transducers in minutes. Packaged with clamp-on current meters and ultrasonic flow meters that do not disrupt processes, the WTR is an extremely cost effective and flexible method to obtain energy-use characterization and baseline data for audits.

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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 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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