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For Immediate Release

Cypress Envirosystems Named Finalist for Two Buildy Awards

Wireless Pneumatic Thermostat Recognized in Smart Devices Category;
Wireless Sensing Solutions Named in Industrial Connectivity Implementation Category

SAN JOSE, Calif., June 4, 2009 - Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NYSE:CY), today announced it has been named a finalist in two categories of the fifth annual Buildy Awards, part of Connectivity Week 2009 Conference and Expo. The company's Wireless Pneumatic Thermostat (WPT) is nominated in the Smart Devices category for an installation in buildings for the County of Santa Clara, California. The Wireless Gauge Reader (WGR) and Wireless Steam Trap Monitor (WSTM) are nominated in the Industrial Connectivity category for a system in Genentech's headquarters building.

Cypress Envirosystems' control and monitoring solutions 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 Buildy Awards will be presented at the Industry Awards Gala on June 10 at the Connectivity Week 2009 conference and exposition at the Santa Clara Convention Center. Connectivity Week is a national convention which draws leaders from many sectors of the energy industry. Cypress Envirosystems will demonstrate the WPT and WGR in booth 216, Hall A from June 9-11. Additionally, Cypress Envirosystems' CEO Harry Sim will be a panelist for the "Open Automated Demand Response (OpenADR) Collaborative Workshop" on June 8 and the "Evolving the Reach of our Reinvention" session on June 9. For more information visit: www.connectivityweek.com.

"We are honored to be named as a finalist for the Buildy Awards, which are aligned with Cypress Envirosystems' mission to develop innovative solutions that save energy and improve productivity in existing buildings," said Sim. "Our wireless control and sensing solutions are quickly gaining momentum thanks to their non-invasive installation and fast return-on-investment."

Since 2004, the Buildy Awards have been presented to leaders, visionaries and implementers of smart devices and smart systems in the context of commercial buildings, residential, energy management and other applications. For 2009, the Buildy Awards will acknowledge leaders in the Vertical Venues that define the scope of where energy is consumed and where Smart Grid, Smart Devices and Smart Services will play a vital role. Buildy Award winners will be determined based upon voting by attendees at Connectivity Week 2009.

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.

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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