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For Immediate Release

**Cypress Envirosystems' Wireless Pneumatic Thermostat Saves Energy
at the Los Angeles Area Chamber of Commerce**

*The US Green Building Council's LA Existing Buildings Committee and L.A. Area Chamber
To Host Public Tour of Facility to Raise Awareness of Innovative Retrofit Technologies*

SAN JOSE, Calif., October 5, 2010 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (Nasdaq: CY), announced that its Wireless Pneumatic Thermostat (WPT) system will be showcased today at the “Retrofit Tour” taking place at the L.A. Area Chamber headquarters building at 12:00 p.m.

The 63,000 sq-ft building, constructed in 1994 in downtown Los Angeles, had originally used inefficient pneumatic heating and air conditioning control systems which wasted energy and required substantial maintenance labor. Retrofitting the building with modern digital controls would typically incur a very high cost and involve significant disruption to occupants, including cutting open walls and ceilings, and running wires and replacing equipment. The Cypress Envirosystems retrofit solution costs much less, is considerably faster to install and allows work to continue normally during installation.

In January of 2010, the Chamber conducted an energy retrofit using the patent-pending Wireless Pneumatic Thermostat from Cypress Envirosystems, which cost less than 40% of conventional approaches, and incurred virtually no disruption to building occupants. The work was part of an overall project which included compressor and lighting retrofits, and which saved over 30% in energy costs, or about 110,000 kWh.

Due to the innovative and cost-effective nature of the project, the Existing Buildings Committee of the US Green Building Council Los Angeles Chapter (USGBC-LA) has organized today's tour

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of the facility for 100 attendees, including some of the top building managers, architects, and engineers in the L.A. area, to demonstrate best practices in existing building retrofits.

“The Wireless Pneumatic Thermostat helped us to upgrade our old pneumatic controls to modern digital controls in days rather than months,” said Richard Hernandez, Facility Manager of the L.A. Area Chamber. “We now save more energy, and our tenants are more comfortable.”

“Non-invasive retrofit technologies have an enormous potential to help reduce energy usage at existing buildings” said Daniele Aquino Horton, Board Member and Co-Chair of the Existing Buildings Committee of the USGBC LA Chapter. “They enable upgrades of buildings which would otherwise be cost-prohibitive.”

“We are proud that the L.A. Area Chamber selected the WPT for retrofitting its prestigious headquarters. We strongly support the USGBC’s efforts to raise awareness of cost-effective energy retrofit technologies” said Harry Sim, CEO of Cypress Envirosystems.

About the Cypress Envirosystems Wireless Pneumatic Thermostat

Cypress Envirosystems’ patent pending WPT solution retrofits existing pneumatic thermostats to deliver direct digital control (DDC) functionality in minutes. Compared with the cost to implement conventional DDC retrofit, the WPT costs 80% less, pays back in 18 months or shorter, and can 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 communication with utility Demand Response programs. Sensor data gathered by the WPT is used for retro and ongoing commissioning to save energy and reduce maintenance costs. The WPT was first introduced in 2008, and is now used in over 150 sites across North America including Fortune 500 office buildings, hospitals, universities, K-12 schools, and government buildings. Kaiser Permanente, Santa Clara County Government, Western Michigan University, and the LA Chamber of Commerce are among the many customers.

About Cypress Envirosystems, Inc.

Cypress Envirosystems is a subsidiary of Cypress Semiconductor (NASDAQ: 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 18

months or less. Visit Cypress EnviroSystems 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 flagship PSoC® programmable system-on-chip families and derivatives such as PowerPSoC® solutions for high-voltage and LED lighting applications, CapSense® touch sensing and TrueTouch™ solutions for touchscreens. Cypress is the world leader in USB controllers, including the high-performance West Bridge® solution that enhances connectivity and performance in multimedia handsets. Cypress is also a leader in high-performance memories and programmable timing devices. Cypress serves numerous markets including consumer, mobile handsets, computation, data communications, automotive, industrial and military. Cypress trades on the NASDAQ Global Select Market under the ticker symbol CY. Visit Cypress online at www.cypress.com.

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