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For Immediate Release

**Cypress EnviroSystems Invited to Demonstrate Wireless Pneumatic Thermostat
At Sempra Energy-San Diego Gas & Electric Energy Showcase**

*Company One of 75 Selected to Present Energy-Saving Solutions;
One of 31 to Present at Recent Senate Energy Showcase*

SAN JOSE, Calif., May 10, 2010 — Cypress EnviroSystems, a subsidiary of Cypress Semiconductor Corp. (Nasdaq: CY), announced today that it is one of 75 companies invited to present advanced energy-efficient technology at the Sempra Energy-San Diego Gas & Electric Energy Showcase. Cypress EnviroSystems will demonstrate its innovative Wireless Pneumatic Thermostat (WPT) at the event on May 18 at the San Diego Convention Center. The WPT retrofits pneumatic HVAC systems to provide the benefits of modern Direct Digital Control (DDC) systems, but at a fraction of the cost and with virtually no disruption to building occupants. Interested parties can register for the event at www.sdge.com/business/energyshowcase.

Cypress EnviroSystems also announced that the Architect of the Capitol, the group responsible for the United States Senate, Library of Congress, and Capitol buildings, selected the company to present at the Senate's Environmental and Energy Showcase. One of only 31 companies invited to the Earth Day (April 22) event, Cypress EnviroSystems presented on the vast opportunities for energy savings achievable in existing buildings with the WPT.

Most commercial buildings 10 years or older have pneumatic thermostats that require manual adjustment, meaning that someone has to manually lower and raise the thermostat to adjust the temperature. Retrofits using conventional DDC technology are extremely costly and often infeasible due to exposure to asbestos and other disruptions to tenants, whereas the Wireless Pneumatic Thermostat can be installed in under 20 minutes without opening up walls or ceilings. More information is available at www.cypressenvirosystems.com/products-wpt.php.

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“We are pleased to present at these two prestigious events,” said Harry Sim, CEO of Cypress EnviroSystems. “If you consider that approximately 70 percent of existing commercial buildings across the nation use inefficient pneumatic technology, you quickly realize the opportunity for energy and maintenance savings that the smart control of our WPT offers. With demand response incentives, businesses and government agencies can achieve fast payback in less than a year – delivering the winning combination of conserving energy and saving money.”

Cypress EnviroSystems will also demonstrate its full line of control and monitoring solutions at the Energy Showcase, including its Wireless Gauge Reader, Wireless Steam Trap Monitor, Wireless Transducer Reader, Wireless Battery Monitor and Wireless Freezer Monitor. For more information, visit www.cypressenvirosystems.com/products.php.

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 a cost of \$2,500 or more per zone for implementing DDC systems, the WPT costs 80% less, 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. It uses the Open-ADR communications standard developed by Lawrence Berkeley National Laboratories.

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 12 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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