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FOR IMMEDIATE RELEASE

Cypress Envirosystems Introduces
Deadband-Enabled Wireless Pneumatic Thermostat

Deadband Functionality Boosts Energy Savings by up to 15%
For Legacy Buildings with Pneumatic HVAC Controls

SAN JOSE, Calif., September 13, 2010 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (Nasdaq:CY), today announced it has introduced a "Deadband" version of its award-winning Wireless Pneumatic Thermostat (WPT). This product enables older buildings with pneumatic thermostats to have programmable independent heating and cooling setpoints, which increases energy savings. More information and a photo of the Deadband WPT are available at www.cypressenvirosystems.com/products-wpt-db.php.

Legacy pneumatic controls are used in about 70% of the commercial office buildings in the US. These are manually controlled, and virtually all of them have a single temperature setpoint.

"The Deadband WPT now offers two separate setpoints – one for heating and one for cooling. For example a heating setpoint can be set at 68 degrees Fahrenheit (68 F), and a cooling setpoint at 75 F. In this case, heating would turn on when the room temperature is below 68 F, and air conditioning would turn on when the room temperature is above 75 F. Between these two setpoints however, there would be no heating or cooling, which means much lower energy use," said Marcus Kramer, VP of Engineering for Cypress Envirosystems.

Many modern digitally controlled buildings have programmable deadband capability, but until now, pneumatically controlled buildings could not take advantage of this energy-saving feature. "The Deadband version includes all of the features of our extremely popular standard WPT, but can save even more energy. Just like the standard WPT, it can be installed in minutes, and has

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an investment payback of less than 18 months" 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

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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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