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For Immediate Release

**Cypress Envirosystems' Wireless Pneumatic Thermostat
Selected as a BuildingGreen Top-10 Product for 2012**

SAN JOSE, Calif., October 14, 2011 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (Nasdaq:CY), today announced that its Wireless Pneumatic Thermostat (WPT) has been selected as one of BuildingGreen's Top-10 products of the year by the editors of *Environmental Building News* and *GreenSpec®*. This tenth annual award recognizes the most innovative and exciting green building products added to the *GreenSpec® Directory* during the past year or covered in *Environmental Building News*.

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 a 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 building automation systems, and communication with utility Auto-Demand Response programs. Sensor data gathered by the WPT is used for retro and ongoing commissioning to save energy and reduce maintenance costs. It is estimated that over 70% of buildings in North America still have pneumatic thermostats and can benefit from the WPT system. The WPT is now used in over 300 sites across North America including Fortune 500 office buildings, hospitals, universities, K-12 schools, and government buildings. NASA, Kaiser Permanente, Santa Clara County Government, Western Michigan University, and the LA Chamber of Commerce are among the many customers.

BuildingGreen's Top-10 product selections, as in previous years, are drawn primarily from new additions to the company's *GreenSpec Product Directory*. Over 170 products have been added



to the *GreenSpec* database during the past year, which now contains more than 2,200 product listings, representing several times as many actual products.. “New products are being introduced all the time, making it a challenge for our staff to keep up,” said BuildingGreen founder and *GreenSpec* executive editor Alex Wilson. “Our selections of the Top-10 Green Building Products represent a wide range of product types in many different application areas. Many of our Top-10 products this year have multiple environmental attributes.”

A big driver in the development of green products continues to be the U.S. Green Building Council’s LEED® (Leadership in Energy and Environmental Design) Rating System, which awards points for the use of certain product types or for the energy or water savings that certain green products can achieve. “Designers of LEED buildings are looking for green products, and manufacturers are responding,” said Wilson. In the online version of *GreenSpec*, users can find products organized by LEED credits.

GreenSpec is the leading national directory of green building products. Products are selected based on criteria developed over the past 19 years. Manufacturers do not pay to be listed in *GreenSpec*, and neither *GreenSpec* nor *Environmental Building News* carry advertising; both are supported by users of the information. “Our policy of not accepting money from product manufacturers allows us to be objective in our review of products,” said Wilson. The *GreenSpec* product database is also available online as part of the *BuildingGreen Suite*.

“The credibility and expertise brought to the building market by *Environmental Building News* and *GreenSpec* make them invaluable resources,” said Harry Sim, CEO of Cypress EnviroSystems. Sim continued, “We are very excited to have the Wireless Pneumatic Thermostat selected to be in BuildingGreen’s Top-10.”

Other BuildingGreen resources include *Environmental Building News*, the oldest and most widely respected newsletter in the green building field, and *LEEDuser.com*, a resource for teams pursuing certification through the LEED Rating System. BuildingGreen celebrates its 25th year in business this year. For information on BuildingGreen resources, visit www.BuildingGreen.com or call 800-861-0954.



About Cypress EnviroSystems, Inc.

Cypress EnviroSystems is a subsidiary of Cypress Semiconductor (Nasdaq: CY). Its mission is to save energy and improve productivity in existing 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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