



Contact:
Don Parkman
Cypress Public Relations
(408) 943-4885
dsp@cypress.com

For Immediate Release

The U.S. GSA Selects Cypress Envirosystems' Wireless Pneumatic Thermostat for Participation in the Green Proving Ground Program

SAN JOSE, Calif., October 16, 2012 – Cypress Envirosystems today announced that the U.S. Government General Services Administration (GSA) has selected the Wireless Pneumatic Thermostat (WPT) for participation in its [Green Proving Ground \(GPG\) program](#). This program leverages the GSA's vast real estate portfolio as a "proving ground" for innovative building sustainability technologies, and plans to lead market transformation through the adoption of proven technologies. The WPT is one of 12 technologies that were selected from a pool of over 140 applicants for the 2012 program. The GSA will use the WPT to retrofit approximately 100,000 square feet of office space in the Ronald Reagan Building and International Trade Center in Washington, D.C., the second largest federal office building after the Pentagon.

According to Kevin Powell, Program Manager for GPG, "The GSA selected funded projects with the greatest potential to meet the GSA's sustainability goals," which includes 30 percent metered energy reduction by 2015 versus 2007 levels. The WPT met the GSA requirements because it is designed to be a cost-effective way to transition from pneumatic to digital thermostat controls, which reduces energy use by 18 to 30 percent. The GSA is the single largest property manager in the U.S. with over 354 million square feet of space in over 9,600 buildings – a substantial number of these buildings still use pneumatic thermostats and can be retrofitted using the WPT.

"We are honored that the WPT was selected by the GSA for inclusion in the Green Proving Ground," said Harry Sim, CEO of Cypress Envirosystems. Over the past four years, the WPT has been successfully deployed in hundreds of buildings across North America. We are confident that we will be able to make a significant contribution to the GSA's sustainability goals, and to realize significant savings for the government."



Inclusion in the GPG builds on a number of successful federal and local government projects that used Cypress EnviroSystems' technologies to reduce energy consumption. In 2011, NASA deployed the WPT to retrofit 14 buildings and over 1.4 million square feet at the Ames Research Center under a Utility Energy Service Contract with Pacific Gas & Electric. Cypress's technologies have also been successfully installed by VA Medical Centers, the Social Security Administration, and Capitol federal buildings in Washington, D.C. Also, the WPT was deployed as part of two California Energy Commission (CEC) programs funded under the 2009 American Recovery and Reinvestment Act. CEC case studies documented electricity savings of 27% and gas savings of 51%, and investment payback periods of less than 24 months.

The GSA GPG study will be designed and evaluated by independent researchers from Oak Ridge National Laboratory in coordination with the GSA and the Federal Energy Management Program (FEMP). The findings are expected to be published in the fourth quarter of 2013 and will be used to support the development of GSA performance specifications and inform decision making within GSA, other federal agencies, and the real estate industry.

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. Their product portfolio consists of the Wireless Pneumatic Thermostat (WPT), Wireless Steam Trap Monitor (WSTM), Wireless Gauge Reader (WGR), Wireless Transducer Reader (WTR), Wireless Freezer Monitor (WFM), and the equipment required for the wireless infrastructure. WPT solution retrofits existing pneumatic thermostats to deliver the benefits of direct digital control (DDC) at a significantly lower cost and without disruption to building occupants. The WSTM remotely monitors steam traps and alerts staff of failures to avoid energy loss and damage to assets. The WGR and WTR can extract data from any existing gauge, transducer or sensor to facilitate Monitoring-Based Commissioning (MBCx), efficient use of consumables, and alarming of systems that are out of tolerance. The WFM monitors low-temperature research freezers for predictive analytics and alarming failures so the



loss of their contents can be avoided. The entire portfolio is listed on GSA Schedule and is available for purchase through [GSA Advantage](#). 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 1, PSoC 3, and PSoC 5 programmable system-on-chip families and derivatives, 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, PCs and tablets. Cypress is also the world leader in SRAM memories. 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.

#

Cypress, the Cypress logo, and PSoC are registered trademarks of Cypress Semiconductors Corp. Cypress EnviroSystems and the Cypress EnviroSystems logo are trademarks of Cypress Systems Corporation. All other trademarks are property of their respective owners.

-END-