

Contact:
Samer Bahou
Cypress Public Relations
(408) 544-1081
samer.bahou@cypress.com

Dave Berman
Adura Technologies
(650) 743-1512
davidlberman@gmail.com

For Immediate Release

**Cypress Envirosystems and Adura Technologies Partner to Bring
Smart Control of HVAC and Lighting Systems to Existing Commercial Buildings**

Compatible Solutions Deliver Energy Efficiency and Smart Grid Connectivity

SAN JOSE and SAN FRANCISCO, Calif., October 28, 2009 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NYSE:CY), and Adura Technologies™, which creates turn-key wireless lighting management systems for commercial facilities, today announced they have formed a strategic sales and technology partnership. As part of the partnership, both companies will sell a fully compatible solution that combines Cypress Envirosystems' Wireless Pneumatic Thermostat (WPT) and the Adura LightPoint System™ (ALPS™). The combined solutions can save between 30 and 50 percent of the overall energy use in a commercial building and enable facilities to connect to a Smart Grid.

HVAC and lighting are the top two energy users in most commercial buildings, typically representing 60 percent or more of the total energy use, and provide the biggest opportunities for energy savings. Cypress Envirosystems' WPT system brings “smart” communication to widely used pneumatic HVAC thermostats at a fraction of the cost and disruption of conventional retrofits, providing an automated method to cut air-conditioning or heating during peak periods. This relieves strain on the electrical grid and reduces demand during periods of high usage – a key goal of Smart Grid implementation.

Similarly, ALPS is a cost-effective system for monitoring and managing lighting in existing buildings that is easy to install and use. ALPS provides a solution that scales from the individual light fixture to a floor, building or even a campus and enables automatic connection to the Smart Grid. The result is designed to reduce both costs and carbon emissions.

-MORE-

“Our partnership with Adura means customers can rely on a single vendor to deliver an integrated solution to control both HVAC and lighting,” said Harry Sim, CEO of Cypress EnviroSystems. “The combined solution makes it easier than ever before to connect older commercial buildings to a Smart Grid.”

“Cypress EnviroSystems’ wireless pneumatic thermostat is a great pairing for our ALPS solution because the two can be installed simultaneously with minimal disruption to occupants”, said Zach Gentry, Adura chief strategy officer and co-founder. “The partnership helps advance Adura’s goal of extending the reach of its technology beyond lighting to other electrical devices throughout existing commercial buildings. With the current green technology incentives from the U.S. government and utilities, the solution provides an even faster return-on-investment.”

For more information on improving the energy efficiency of buildings contact Cypress EnviroSystems at info@cypressenvirosystems.com or Jim Sekinger, Adura vice president of business development, marketing@aduratech.com.

About the Wireless Pneumatic Thermostat

The patent pending WPT 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 less than 20% as much, 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.

Cypress EnviroSystems solutions employ Cypress Semiconductor Corp. products, including 2.4-GHz wireless radios and intelligent PSoC[®] programmable system-on-chip. Cypress is an industry leader in low-power, energy-efficient products.

About the ADURA LightPoint System™

The ADURA LightPoint System (ALPS™) provides a control platform that provides unprecedented management over commercial building lighting. The heart of the system is the

Wireless Light Controller that can control one or more ballasts or other lighting loads to provide the ultimate in granular control. No longer does an entire floor of lighting need to be wasting energy only because a few lights are needed. The control platform communicates with field devices such as switches, motion sensors, light sensors and the ALPS enterprise web software to provide flexible scheduling, daylight harvesting, occupancy control, and personal control and load shedding.

Beyond controlling lighting, the ALPS Enterprise database tracks and monitors energy use, carbon footprint, and peak load and shows you when and where you are using energy. It also can provide valuable predictive maintenance information including reporting on failed lamps and ballasts.

About Adura Technologies

Adura Technologies™ is a clean energy technology company, applying low-power wireless mesh networking to the lighting controls market. The company designs, manufactures and commissions lighting management solutions for its customers. Adura's mission is to provide cost-effective lighting solutions for the retrofit of commercial buildings so that building owners, tenants and facility managers can implement energy efficiency and load curtailment strategies that help reduce their operating costs and their carbon footprint. Adura is backed by a \$5 million Series A investment co-led by VantagePoint Venture Partners, a leading clean tech investor based in San Bruno, CA, and Claremont Creek Ventures, an early-stage venture capital firm based in Oakland, CA. For more information, visit www.aduratech.com.

About Cypress EnviroSystems Corporation

Cypress EnviroSystems is a subsidiary of Cypress Semiconductor (NYSE: 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. More information is available 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 NYSE under the ticker symbol CY. Visit Cypress online at www.cypress.com.

#

Cypress, the Cypress logo, Cypress EnviroSystems, the Cypress EnviroSystems logo, PSoC, PowerPSoC, CapSense and West Bridge are registered trademarks and TrueTouch is a trademark of Cypress Semiconductor Corp. All other trademarks are property of their owners.