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For Immediate Release

**ARC Advisory Group Finds Cypress Envirosystems Offers
“Compelling Reasons” to Deploy Wireless Control and Sensing Solutions**

*Report Touts Productivity-Improving and Energy-Saving Products
For Quick Return-on-Investment in Challenging Economy*

SAN JOSE, Calif., May 7, 2009 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NYSE:CY), today announced that a new report from the ARC Advisory Group states that its wireless sense and control products “provide compelling value.” The report finds that Cypress Envirosystems’ Wireless Gauge Reader, Wireless Transducer Reader and Wireless Steam Trap Monitor “are ideal for end users looking to reduce energy costs.”

The report also highlights the value provided by Cypress Envirosystems’ Wireless Freezer Monitor, Wireless Battery Monitor and Wireless Pneumatic Thermostat for equipment and building asset management.

“Innovative companies such as Cypress Envirosystems have taken wireless technology and applied it to practical applications which can be implemented quickly to help save energy and improve equipment availability,” said Wil Chen, Research Director of Automation at ARC, in the report.

Additional information on the April 23, 2009 report is available at www.cypressenvirosystems.com/ARCreport or www.arcweb.com/Domains/Pages/Default.aspx.

“Cypress Envirosystems has clearly worked diligently to identify wireless solutions that address real world problems with a very high return,” added Chen in the report. “Ease of deployment combined with appropriate price points mean the solutions will find increasing opportunities as organizations scramble to survive during the economic slowdown.”

“This report from a respected organization such as ARC is excellent validation that our products

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are on target,” said Harry Sim, CEO of Cypress Envirosystems. “We have received further validation from numerous customers who have experienced fast payback with our products from energy savings, improved productivity and conservation of consumable resources.”

About the Cypress Envirosystems Product Line

The patent-pending Wireless Gauge Reader (WGR) clips-on to the front face of an existing gauge to capture and transmit the readings. It installs in minutes and does not require removing old gauges, breaking pressure seals, performing leak checks, running wires or interrupting the underlying process. It costs 70% less to install than a traditional transducer and enables automatic trending and alarming of process parameters to reduce energy use, lower maintenance labor and improve uptime.

The Wireless Steam Trap Monitor (WSTM) mounts non-invasively onto existing steam traps in minutes and uses a proven algorithm to detect steam trap failures, particularly expensive steam leaks. An estimated 15-20% of steam traps are malfunctioning at a given time, and each leaking trap wastes \$5,000 or more in energy costs per year. The WSTM augments manual audits to detect failures in a timely manner and avoid wasting resources.

The patent pending Wireless Pneumatic Thermostat (WPT) retrofits existing pneumatic thermostats to deliver DDC-like 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.

The Wireless Freezer Monitor (WFM) enables near real-time monitoring of critical freezers used to store and maintain valuable samples in most hospitals and pharmaceutical plants. The WFM uses non-invasive clamp-on current sensors and wireless communication to provide predictive maintenance for high and low stage compressor current, door position, and internal freezer temperature.

The patent-pending Wireless Battery Monitor (WBM) enables reliable monitoring of battery health for Uninterruptible Power Supply (UPS) systems. It can be mounted on existing batteries

in minutes, and provides internal resistance, temperature and voltage measurements - all critical parameters to ensure the UPS can perform when needed. The WBM replaces time-consuming and inaccurate manual testing of batteries employed by many plants and data centers.

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 ARC

Founded in 1986, ARC Advisory Group (www.arcweb.com) is the leading research and advisory firm for manufacturing, energy, and supply chain solutions. Coverage of technology from sensors and automation to production, design, and business systems makes ARC Advisory Group the go-to firm for manufacturers around the world.

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 PSoC[®] programmable system-on-chip, USB controllers, general-purpose programmable clocks and memories. Cypress also offers wired and wireless connectivity technologies ranging from its CyFi™ Low-Power RF solution, to West Bridge[®] and EZ-USB[®] FX2LP controllers that enhance connectivity and performance in multimedia handsets. Cypress serves numerous markets including consumer, computation, data communications, automotive, and industrial. Cypress trades on the NYSE under the ticker symbol CY. Visit Cypress online at www.cypress.com.

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