

SunPower Corporation Announces Higher Efficiency Solar Panels

New Panels Further Extend Competitive Advantage vs. Conventional Products

BARCELONA, Spain, June 6, 2005 - SunPower Corp., a Silicon Valley-based subsidiary of Cypress Semiconductor Corp. (NYSE: CY), today announced a new line of higher efficiency solar electric panels at the 20th European Photovoltaic Solar Energy Conference & Exhibition. The new panels offer customers even higher power density than SunPower's current industry-leading solar panels. Several performance-enhancing features have been incorporated into the new product line, including larger-area solar cells that improve power generation within the existing panel dimensions.

The new product line includes three new solar panels rated at 100-, 215-, and 220 watts and named the SPR-100, SPR-215, and SPR-220, respectively. With panel efficiencies of up to 18.3 percent, the new products produce up to 50 percent more power in a given roof area compared to conventional solar panels, and also reduce per-kW installation costs. The new SPR-215 panel incorporates the company's uniquely attractive, all-black design that enhances the appearance of roof-mounted solar systems. The new panel line will be available starting in late 2005 in North America through SunPower's dealer network, and in Europe through the company's exclusive channel partner, SunTechnics.

"SunPower solar panels already offered our customers significantly higher performance than conventional solar panels," said Tom Werner, SunPower's CEO. "We are proud to announce this new product line with even higher power ratings. Our customers tell us that panel efficiency is a critical factor in maximizing power production from their limited roof area and reducing their system cost. These new ultra-high efficiency solar panels give our customers more power and the same uniquely attractive appearance."

SunPower's solar panels have no moving parts, creating pollution-free electricity with no noise and virtually no maintenance. In addition, due to SunPower's patented all-back contact solar cell design, its high-tech, high-performance solar panels perform better than most other solar panels during both cloudy and hot weather.

For more information about SunPower's solar panels visit the SunPower website at:
<http://www.sunpowercorp.com/html/Products/Solar/modules.html>.

About SunPower

SunPower--a Silicon Valley-based majority-owned subsidiary of Cypress Semiconductor Corp. (NYSE: CY)--designs and manufactures high-performance silicon solar cells and panels based on an back contact design. SunPower's solar cells and panels generate about 50 percent more power per square foot than conventional solar technologies and have a uniquely attractive, all-black appearance. For more information on SunPower or solar technology, please visit the SunPower website at <http://www.sunpowercorp.com>.

About Cypress

Cypress solutions are at the heart of any system that is built to perform: consumer, computation, data communications, automotive, industrial, and solar power. Leveraging a strong commitment to customer service and performance-based process and manufacturing expertise, Cypress's product portfolio includes a broad selection of wired and wireless USB devices, CMOS image sensors, timing solutions, network search engines, specialty memories, high-bandwidth synchronous and micropower memory products, optical solutions, and reconfigurable mixed-signal arrays. Cypress stock is traded on the New York Stock Exchange under the ticker symbol CY. More information about the company is available online at www.cypress.com.

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