



## Avago Technologies Introduces High-Brightness Surface-Mount LEDs in Tiny PLCC-6 Packages at CEATEC Japan 2010

October 5, 2010

### New Tricolor LEDs with 3.4- by 2.8-mm Footprint Deliver Superior Resolution to Indoor and Outdoor Multi-Color Displays

TOKYO, Oct 05, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:[AVGO](#)), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a new family of high-brightness LEDs in ultra-small packages at the Combined Exhibition of Advanced Technologies (CEATEC) Japan 2010. The new ASMT-YTx2 tricolor surface-mount devices are available in 3.4- by 2.8- by 1.8-mm Plastic Leaded Chip Carrier (PLCC)-6 packages. The small footprint, high-brightness performance and robust contrast ratio of the devices all address demand for improved screen resolution in video screens and advertising signs used in transit malls, airports, stadium scoreboards and more, and also target gaming machines and decorative lighting.

Designers are choosing surface-mount LEDs because of their ease of assembly, compact footprint, and manufacturing flexibility, which reduce overall system development costs. The ASMT-YTx2 surface-mount devices are encapsulated in a heat-resistant silicone material, enabling them to operate in a wide range of environmental conditions with high reliability and long operating life. The LEDs have six leads that provide flexible color control for each chip to display a multitude of colors, including white. The devices are also water-resistant (compliance with IPx6), which reduces the cost and overall weight of signs by eliminating the need for protective covers.

"The market for indoor and outdoor displays presents a significant growth opportunity for LEDs over the coming years," said Francis Khor, director of marketing for the Optoelectronics Product Division at Avago. "Avago's ASMT-YTx2 LEDs are engineered to meet the display market's demand for reliable high-brightness, high-resolution performance, all at a competitive cost."

#### Avago Exhibits at CEATEC

More information on the new ASMT-YTx2 LEDs is available online or at CEATEC Japan in Avago's booth, number 6C-09, at Makuhari Messe in Tokyo from October 5 to 9. The booth has displays of street lights, flood lights, wall washers and LED tubes using Avago's proprietary LEDs, and features demonstrations of clocks using LED-based animation, a programmable miniature matrix display, and a various RGB smart display. Avago is also exhibiting its optocouplers, optical navigation devices and capacitive touch screen controllers.

#### Additional ASMT-YTx2 Features

- Compliance with IPx6 per IEC 60529:2001 (water-resistance)
- Wide 120-degree viewing angle
- Compatible with reflow soldering processes
- Lead-Free and RoHS compliant
- Moisture sensitivity: JEDEC MSL 2a

#### U.S. Pricing and Availability

The ASMT-YTB2, ASMT-YTC2 and ASMT-YTD2 LEDs are priced at \$0.69 each in minimum quantities of 1,000 pieces. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners.

#### About Avago Technologies

Avago Technologies is a leading supplier of analog interface components for communications, industrial and consumer applications. By leveraging its core competencies in III-V compound and silicon semiconductor design and processing, the company provides an extensive range of analog, mixed signal and optoelectronics components and subsystems to approximately 40,000 end customers. Backed by strong customer service support, the company's products serve four diverse end markets: wireless communications, wired infrastructure, industrial and automotive electronics, and consumer and computing peripherals. Avago has a global employee presence and heritage of technical innovation dating back nearly 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at <http://www.avagotech.com>.

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