



Avago Technologies Introduces White High-Brightness LED in Durable Surface Mount Package for Streamlined Assembly

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New PLCC-2 LEDs Deliver Superior Light Output for Reduced LED Count in Signage and Gaming Machine Backlighting, and Offer Tight Color Uniformity for Linear Lighting

SAN JOSE, Calif. & SINGAPORE, May 11, 2011 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:[AVGO](#)), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a white high-brightness LED in a robust surface-mount (SMT) package that simplifies manufacturing. The new [ASMT-UWB1](#) LEDs are available in a Plastic Leaded Chip Carrier (PLCC)-2 package encapsulated in a heat-resistant silicone resin, enabling them to operate in a wide range of environmental conditions with high reliability and long operating life.

The superior light output of the ASMT-UWB1 LEDs enables reduced component count to cut overall system costs. This high-brightness performance, along with a wide 120-degree viewing angle, makes the LEDs well-suited for illuminated advertising, backlighting of vending and gaming machines, as well as for office automation, electrical appliances and industrial equipment.

Designers are choosing surface-mount LEDs because of their ease of assembly, compact footprint, and manufacturing flexibility, which combine to reduce overall system development costs. The ASMT-UWB1 surface-mount LEDs are packed in EIA-compliant tape and reels for simplified pick and place assembly. Each reel is shipped from a single intensity and tight color bins following the ANSI C78.377-2008 color binning structure to provide better uniformity.

The LEDs also feature a low forward voltage value, with a maximum of 3.6V. This results in low power consumption for end-applications.

Additional ASMT-UWB1 Features

- Compatible with reflow soldering processes
- Lead-Free and RoHS compliant
- Moisture sensitivity: JEDEC MSL 3
- Electro-static discharge sensitivity: JEDEC HBM 1000V

U.S. Pricing and Availability

The ASMT-UWB1 LEDs are priced at \$0.21 each in minimum quantities of 2,000 pieces. Samples and production quantities are available now through the Avago direct sales channel and via 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 www.avagotech.com.

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