



Avago Technologies Expands Series of 3-Watt High Power, Common Footprint LED Emitters for Solid-State Lighting Applications

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FRANKFURT, Germany, Apr 14, 2010 (BUSINESS WIRE) --Light+Building 2010:

Avago Technologies (Nasdaq: [AVGO](#)), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced the expansion of its series of compact, energy efficient 3-Watt (3W) high power LEDs for solid-state lighting (SSL) applications. Avago's ASMT-Ax3x Power LED emitter has a footprint that is one of the most commonly used throughout the SSL industry. Typical applications include architectural lighting, retail display lighting and decorative lighting.

Avago's ASMT-Ax3x provides superior light output uniformity with a wide viewing angle of 140 degrees which is suitable for backlighting of advertising displays, channel letters and contour lighting. The ASMT-Ax3x delivers high flux output up to 113 lumens (lm) at 350 mA driving current and features a maximum allowable junction temperature of 135 degrees-C to provide lighting designers with more design flexibility. Moreover, this LED has a high Electrostatic Discharge (ESD) resistance of 16kV which makes this LED insensitive to ESD. As a result, special ESD protection equipment is not required to handle the part during installation. Additionally, this part is compatible to IR reflow soldering process.

The ASMT-Ax3x is encapsulated in a heat and UV resistant silicone compound and also features a low thermal resistance of 10 degree-C per Watt due to its superior heat dissipation capability. In addition, the electrically neutral heat pad allows arrays to be connected on a common heat sink - thus simplifying thermal design.

Features

- Available in cool white, neutral white, warm white, royal blue, blue, amber, red-orange and red colors
- Drop-in replacement for 3W Luxeon platform LEDs
- High flux output and energy efficient
- Low thermal resistance to provide improved device reliability and extend operating life
- Direct heat transfer from metal slug to mother board
- Silicone encapsulation
- Compatible with reflow soldering processes
- Non-ESD sensitive (threshold > 16kV)
- Moisture sensitivity: MSL 2a
- Pb-Free and RoHS compliant

U.S. Pricing and Availability

Avago's ASMT-Ax3x LEDs are priced at \$2.90 each in 1,000 piece quantities. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners. More information about Avago's LED products can be found at www.avagotechlighting.com or www.avagotech.com

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 40 years to its Hewlett-Packard roots. Information about Avago is available on the Web at www.avagotech.com

Follow Avago on Twitter at <http://twitter.com/Avagotech>.

Safe Harbor Statement

This announcement and supporting materials may contain forward-looking statements which address our expected future business and financial performance. These forward looking statements are based on current expectations, estimates, forecasts and projections of future Company or industry performance based on management's judgment, beliefs, current trends and market conditions, and involve risks and uncertainties that may cause actual results to differ materially from those contained in the forward-looking statements. Accordingly, we caution you not to place undue reliance on these statements. Avago Technologies Registration Statement on Form S-1, as amended, filed with the SEC on January 27, 2010 and other filings with the U.S. Securities and Exchange Commission ("SEC") (which you may obtain for free at the SEC's website at <http://www.sec.gov>) discuss some of the important risk factors that may affect our business, results of operations, and financial condition.

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