



Avago Technologies Introduces Miniature 3-Watt High Power LED with High Color Rendering Index for Use in Solid-State Lighting Applications

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Competitively Priced LED Features Small Footprint, Robust Package Design, High Flux Output, and Energy Efficiency

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Avago Technologies (Nasdaq:[AVGO](#)), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced one of the industry's smallest, most energy efficient 3-Watt (3W) high power LEDs with high color rendering index (CRI) for use in a wide range of solid-state lighting applications. With dimensions of 5 mm by 4 mm by 1.85 mm thick, Avago's compact 3W ASMT-Jx33 is packaged in a 6-leaded small outline package (SOP) and capable of being driven to up to 700 mA to provide high flux output performance. Additionally, this competitively priced compact LED emitter provides a wide viewing angle and features long life reliability.

The ASMT-Jx33 has a wide viewing angle of 140-degrees to meet the needs of designers who require good color uniformity. This LED provides a high typical CRI of 80 for cool white and 90 for warm white. Avago's 3W emitter is a high performance LED designed to handle high thermal and high drive currents. By delivering a high flux output of 70 lumens (lm) at 350 mA, this new 3W LED emitter is ideal for use in general lighting applications such as medical lighting, merchandise display lighting and museum lighting. Additionally, this LED features a maximum allowable junction temperature of 135 degrees-C thus providing lighting designers with more design flexibility. In addition, this part offers a high Electrostatic Discharge (ESD) resistance of 16 kV which makes this LED insensitive to ESD. As a result, special ESD protection equipment is not required to handle the part during installation. Moreover, this 3W LED is compatible with standard SMT reflow soldering processes which helps lower design cost.

Features

- Available in Cool White, Neutral White and Warm White colors
- Small footprint and low profile
- High CRI
- High flux output
- High maximum junction temperature
- Direct heat transfer from metal slug to mother board
- Silicone encapsulation
- Compatible with reflow soldering processes
- Long operating life
- Non-ESD sensitive (threshold > 16kV)
- Moisture sensitivity: MSL 1
- Pb-Free and RoHS compliant

U.S. Pricing and Availability

Avago's ASMT-Jx33 LEDs are priced at \$2.50 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 SECs 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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