



Avago Technologies Introduces Industry's First Water-Resistant High-Brightness Surface Mount Tricolor LEDs for Indoor and Outdoor Full Color Signs

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Enhanced Compact Industry Standard PLCC-4/6 Package Provides High Contrast, a Wide Viewing Angle, Better Color Control and Reliability

SAN JOSE, Calif. & SINGAPORE, Jan 27, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:AVGO) today announced it has developed the industry's first compact high-brightness water-resistant tricolor surface mount light-emitting diodes (LEDs) for use in indoor and outdoor full color signs and displays. Avago's ASMT-YTBO Plastic Leaded Chip Carrier (PLCC)-6 Blackbody and ASMT-QTCO industry standard PLCC- 4 LEDs have been enhanced to make them water-resistant. As a result, a protection cover is not needed saving money for indoor and outdoor display designers. These compact tricolor LEDs are ideal for use in electronic video screens and advertising signs used in transit malls, airports, and stadium scoreboards. Avago is a leading supplier of analog interface components for communications, industrial and consumer applications.

Avago's enhanced ASMT-YTBO LEDs provide full color display application designers with better color control and contrast, a 115-degree viewing angle and are specially designed to meet indoor and outdoor LED screen requirements for better screen resolution (greater than 12mm pixel size), and high-brightness performance. They also have six leads to enable enhanced thermal management and individual color control of each chip to display a multitude of colors including white. With dimensions of 4.4 mm by 4.4 mm by 3.5 mm, these LEDs from Avago also incorporate silicone material to extend light output performance over time.

The compact ASMT-QTCO package incorporates a separate heat path for each LED dice to enable it to be driven at higher currents. As a result, these SMT LEDs can operate in a wide range of environmental conditions to provide customers with high reliability. Both tricolor LEDs are compatible with reflow soldering processes and have a moisture sensitivity level of 2a (MSL 2a) to make them ideal for use in SMT production environments.

Features

- Water resistant to comply with IPx6 per IEC 60529:2001
- Compact tricolor PLCC-4/6 packages for high contrast ratio and screen resolution
- 115-degree viewing angle
- Silicone encapsulation material enables high reliability and long operating life (over 50,000 hours)
- Compatible with reflow soldering processes
- Low thermal resistance
- Pb-Free and RoHS compliant
- Moisture sensitivity: JEDEC MSL 2a

U.S. Pricing and Availability

Avago's ASMT-YTBO and ASMT-QTCO LEDs are priced at \$0.60 and \$0.58 each, respectively 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 40 years to its Hewlett-Packard roots. Information about Avago is available on the Web at www.avagotech.com

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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 filed with the SEC on January 15, 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>) discusses some of the important risk factors that may affect our business, results of operations, and financial condition.

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