Avago Technologies Enables Thinner Digital Cameras with New Small-Footprint Auto-Focus Auxiliary Flash LEDs

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Devices Provide Small Package Size and High-Performance Auto-Focus in the Dark

SAN JOSE, Calif. & SINGAPORE--(BUSINESS WIRE)--Jan. 18, 2012-- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced two series of compact LEDs that reduce space requirements for designing auto-focus auxiliary flash functionality into digital cameras. The new ASMT-FJ70 and ASMT-FG70 devices are available in one of the market's thinnest, smallest-footprint packages for LEDs with the brightness needed for auto-focus functionality in dark settings.

The ASMT-Fx70 LEDs are available in a tiny, environmentally-friendly 3.6 (L) by 3.2 (W) by 3.4 (H) mm surface-mount package that helps meet market demand for thinner digital cameras. The LEDs use a clear, non-diffused lens to provide high luminous intensity within a narrow radiation pattern, providing smooth, consistent optical performance for precise auto-focus functionality. The ASMT-FJ70 devices are orange and the ASMT-FG70 devices are the industry's first green auxiliary flash LEDs in this size range.

"Digital cameras continue to shrink in size while growing in functionality and capacity, and our new auxiliary flash LEDs address this challenge by allowing designers to pack in greater functionality per square inch of the camera," said Francis Khor, director of marketing for the optoelectronics products at Avago. "The Avago ASMT-Fx70 LEDs provide the best of both worlds, as they offer a small design footprint without sacrificing auto-flash performance."

The ASMT-FJ70 devices use Aluminum Indium Gallium Phosphate (AlInGaP) material technology and feature a 12 degree viewing angle, while the ASMT-FG70 devices use Indium Gallium Nitride (InGaN) material technology and provide a 14 degree viewing angle. Both technologies have very high luminous efficiency, producing high light output over a wide range of drive currents. The narrow viewing angles deliver the long distance illumination and narrow beam pattern required for auto-focus auxiliary flash functionality.

Additional ASMT-FJ70 and ASMT-FG70 Features

- Lead (Pb)-free and RoHS 6 compliant package
- Shipped in tape and reel to facilitate pick and place manufacturing
- Operating temperature range of -40° to +85° C

U.S. Pricing and Availability

The orange ASMT-FJ70 LEDs are priced at $0.45 each in minimum quantities of 10,000 pieces, and the green ASMT-FG70 LEDs are priced at $0.60 each in minimum quantities of 10,000 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 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at www.avagotech.com.

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