Avago Technologies Announces Ultra-Thin Integrated Ambient Light and Proximity Sensor Module for Use in Mobile Phones

September 9, 2009

New Sensor Module Helps to Reduce Power Consumption and Enhances Screen Resolution in a Variety of Lighting Conditions

SAN JOSE, Calif. & SINGAPORE--(BUSINESS WIRE)--Sep. 9, 2009-- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a new ambient light and proximity sensor that has been integrated into an ultra-thin module for use in mobile phones. Avago's compact APDS-9800 integrated sensor module is designed to help conserve power and extend battery life in mobile phones and is easy to install. This new sensor module can also be used in other mobile electronic applications such as PDAs, handheld games and personal computers.

Built in a surface mountable package that is 1.45 mm thick by 4.95 mm in length by 3.0 mm wide, the APDS-9800 offers many technical features that are required by mobile phone manufacturers such as an extended detection range, and signal conditioning circuitry which offers superior performance in bright sunlight conditions. The APDS-9800 is composed of four chips: an ambient light sensor IC; proximity sensor and signal conditioning IC; LED emitter; and detector. The ambient light sensor, which has a spectral response that is close to that of the human eye, is used to control display backlighting brightness. The proximity sensor signal conditioning IC consists of an LED driver and receiver circuit with excellent ambient light cancellation capability. The built-in LED and detector allow the sensor to detect the proximity of an object to the device.

Avago's APDS-9800 includes a shutdown mode to conserve power consumption and extend battery life. Additionally, the pulse width, burst rate, duty cycle and frequency can be controlled to further minimize power consumption.

Key Features

- Small form factor: L 4.95 by W 3.0 by H 1.45 mm
- Spectral responsivity close to that of the human eye
- Built-in LED and detector for proximity detection
- Low sensitivity variation across various light sources
- Output linearity across a wide illumination range
- Operational under strong sunlight and artificial light environments
- Adjustable LED driving current, pulse and burst parameters
- Controllable gain and integration time through external resistor and capacitor
- LED stuck high protection to extend LED life
- Both analog and digital output available
- Shutdown mode with low current consumption
- Supply voltage range: 2.4 to 3.6V
- RoHS compliant

Pricing and Availability

Pricing for Avago's APDS-9800 optical proximity sensor starts at $2.10 in minimum quantities of 2,500. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners. More information is available at www.avagotech.com/sensors.

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.

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 Finance Pte. Ltd.'s Annual Report on Form 20-F filed with the SEC on December 17, 2008, recent Current Reports on Form 6-K, 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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