Avago Technologies Announces New Series of High Isolation FBAR Duplexers for UMTS Handsets and Data Terminals

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New 2 by 2.5 mm Duplexer Series Provide Best-in-Class Performance for Mobile Applications that Operate in UMTS Bands 2, 4 and 8

SAN JOSE, Calif. & SINGAPORE, Mar 15, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced three new miniature high performance duplexers for use in UMTS Bands 2, 4, and 8 handsets and data terminals. Avago's ACMD-7410/7609/7606 duplexers are low insertion loss, high isolation and high rejection duplexers that are achieved using Avago's proprietary Film Bulk Acoustic Resonator (FBAR) technology. Avago's innovative Microcap bonded wafer technology allows these duplexers to be assembled in a molded chip-on-board module that is less than 0.95 mm high with a footprint of 2.0 by 2.5 mm.

These latest additions to Avago's family of miniature UMTS duplexers have been designed to enhance the sensitivity and dynamic range of handset receivers by providing high isolation of transmitted signals from the receiver input, and high rejection of transmit-generated noise in the receive band. Moreover, the superior power handling capability of the FBAR bulk-mode resonators designed into these duplexers support the high output power levels used in mobile communications applications while adding virtually no distortion.

Avago's ACMD-7410 is a multi-mode duplexer designed for use in UMTS Band 2 and CDMA PCS applications with the receive channel capable of being used for GSM1900 Rx co-banding. The ACMD-7609 is a multi-mode duplexer for use in UMTS Band 4 duplexer and CDMA AWS-1 applications. Completing the trio of new duplexers from Avago is the ACMD-7606, which is designed for use in UMTS Band 8 handsets and mobile data terminals.

Key Features

- Miniature size: Standard 2 by 2.5 mm PCB footprint
- High power rating: 31 dBm maximum Tx power
- Environmentally friendly: RoHS compliant, Halogen free and TBBPA free
- Operating temperature range: -20 to +85 degrees C

Duplexer Specifications

Band 2 - ACMD-7410 Rx Band performance: 1.4 dB typical insertion loss; 61 dB typical Rx noise blocking. Tx Band performance: 1.4 dB typical insertion loss; 66 dB typical Tx interferer blocking.

Band 4 - ACMD-7609 Rx Band performance: 1.3 dB typical insertion loss; 58 dB typical Rx noise blocking. Tx Band performance: 1.3 dB typical insertion loss; 60 dB typical Tx interferer blocking.

Band 8 - ACMD-7606 Rx Band performance: 2.2 dB typical insertion loss; 55 dB typical Rx noise blocking. Tx Band performance: 2.2 dB typical insertion loss; 60 dB typical Tx interferer blocking.

Pricing and Availability

All three of Avago's new UMTS duplexers are available now with pricing starting from $1.99 for the ACMD-7410 and $1.44 for the ACMD-7609/7606 in 10,000 unit volumes. More information about Avago Technologies' wireless products can be found at: www.avagotechwireless.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

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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, 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 website at http://www.sec.gov) discuss some of the important risk factors that may affect our business, results of operations, and financial condition.

NOTE TO EDITORS: Please direct reader inquiries to Avago Technologies at +1 800 235 0312, or e-mail us at support@avagotech.com.

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