



Avago Technologies Announces Pair of Miniature High Linearity Wireless Data Power Amplifiers for WiMAX and WiFi Applications

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Latest Power Amplifier Series Provide High Linear Pout and Enables Low Distortion Transmission

SAN JOSE, Calif. & SINGAPORE, Mar 09, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced two new high linear power amplifier (PA) modules that feature low power consumption and improves signal quality for WiMAX and WiFi applications that operate in the 2GHz range. This PA series features high linear Pout for good linearity and low distortion, high power added efficiency (PAE), as well as input and output pre-match for matching and application simplicity. Avago's MGA-43x28 PA module series, which are housed in a miniature 5 by 5 by 0.85 mm package, are ideal for use as a final stage PA in a wide range of high power WiMAX, WLAN and LTE applications which operate in the 2300 to 2700MHz spectrum.

The MGA-43x28 PA modules have the same package footprint, pin-out and external matching network to allow a common printed circuit board (PCB) design when used at different frequencies. Additionally, this series of PAs from Avago comes with an integrated bypass switch controlled attenuator which provides attenuation of ~24.0dB, along with a built-in power detector. In a typical operating environment of 5-volts and 1 Amp, the MGA-43228 delivers performance of 29.1dBm linear Pout at 2.5 percent error vector magnitude (EVM), 38.5dB gain and 16 percent PAE at 2400MHz. Under the same operating conditions, the MGA-43328 delivers a performance of 29.3dBm linear Pout at 2.5 percent EVM, 37.3dB gain and 16 percent PAE at 2600 MHz. These features enable the MGA-43x28 series PAs to provide superior signal quality for computer performance evaluation (CPE) while transmitting at a higher throughput to reduce power consumption.

Key Features

- Miniature size: 5 by 5 by 0.85 mm
- Advanced GaAs E-pHEMT technology
- 5V power supply (can be used at 3.3V for lower supply voltage applications)
- Built-in detector and shutdown switches
- MSL-2a and lead-free

Pricing and Availability

Avago's MGA-43228 and MGA-43328 PAs are priced at \$7.49 each in minimum quantities of 1,000. 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

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 SEC's 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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