



Avago Technologies Announces New Ultra Low Noise Amplifier for Cellular Infrastructure Applications

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Easy-to-Use GaAs MMIC Amplifier Provides 'Best in Class' Performance

SAN JOSE, Calif. & SINGAPORE, Feb 09, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced the latest edition to its family of ultra low noise, high gain, high linearity Gallium Arsenide (GaAs) active bias amplifiers for use in cellular infrastructure applications. Avago's MGA-633P8, which is an easy-to-use GaAs monolithic microwave IC (MMIC) low noise amplifier (LNA), provides 'Best in Class' performance and has a compact footprint. Additionally, it has a common printed circuit board layout, which is ideal for front-end applications used in cellular base stations. The MGA-633P8 is designed to be used as a first stage LNA for cellular base station transceiver radio cards, tower mounted amplifiers, combiners, repeaters and remote/digital radio heads.

The MGA-633P8 uses Avago's proprietary GaAs Enhancement-mode pHEMT process to achieve such a high gain with a very low noise figure. Housed in a compact 2.0 mm by 2.0 mm by 0.75 mm 8-pin Quad-Flat-Non-Lead (QFN) package, the MGA-633P8 is designed to enable cellular applications that operate within the 450 to 2000MHz frequency range to achieve superior performance levels. As a result, designers will be able to use this active bias LNA to develop next-generation cellular applications that are more compact with more features and functions to satisfy the growing needs of designers. With its compact low-profile footprint coupled with its low noise, high gain and high linearity features the MGA-633P8 is an ideal choice for use in line terminal equipment, GSM, CDMA, WCDMA, CDMA2000 and TD-SCDMA cellular infrastructure applications.

Features

- Ultra-low noise figure: 0.37 dB
- High linearity performance
- 18 dB gain
- Input return loss: 15dB
- 37 dBm output IP3
- 22 dBm output power at 1dB gain compression.
- Tape-and-reel packaging option available
- Pb-Free and RoHS compliant

Pricing and Availability

Avago's MGA-633P8 LNA is priced at \$2.31 each in 10,000 piece quantities. 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 Annual Report on Form 10-K filed with the SEC on December 15, 2009 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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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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Avago Technologies

Alain Dangerfield, +1-408-435-6385

alain.dangerfield@avagotech.com