



Avago Technologies Expands Portfolio of Small Cell RF Front-End Solutions

June 4, 2013

- *New RF Power Amplifiers Featuring Unmatched Linearity, Gain and Power-Added Efficiency*
- *New WiFi FBAR Filter Enabling Stringent Adjacent Multi-Band Operation*

SAN JOSE, Calif., and SINGAPORE, June 4, 2013 (GLOBE NEWSWIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for wireless, wireline, and industrial applications, today announced two new RF power amplifiers (PAs), the MGA-43728 and MGA-43828, and a new WiFi FBAR filter, the ACFF-1024, designed specifically for small cell base transceiver station (BTS) applications.

Expanding upon Avago's proven MGA-43x28 PA family, the MGA-43728 and MGA-43828 are respectively new UMTS/LTE Band 7 and Band 8 PAs featuring high linearity, gain and power-added efficiency (PAE) with integrated power detector and shutdown function. The ACFF-1024 is a new miniature band-pass filter optimized for use in the 2.4GHz ISM band. Designed with Avago's innovative FBAR technology, the ACFF-1024 enables concurrent operation of WiFi and Bluetooth applications that coexist with other wireless standards such as PCS and LTE Bands 7, 38, and 40 without performance degradation due to interference.

"Avago is committed to serving Small Cell customers with an expanded portfolio of highly differentiated products and cost-effective solutions," said Ron Ruebusch, vice president and general manager of Avago's Wireless Semiconductor Division. "Leveraging proven mobile handset technology, Avago shall continue to invest in developing new products catering to the growing Small Cell market segment."

New Product Highlights

- MGA-43728
 - Linear P_{out} of 27.3 dBm at 48 dBc ACLR (LTE, 10MHz/50RB)
 - Gain of 38.3 dB
 - PAE of 13.7%
- MGA-43828
 - Linear P_{out} of 27 dBm at 50 dBc ACLR (UMTS, 5MHz)
 - Gain of 33.0 dB
 - PAE of 15.0%
- ACFF-1024
 - WiFi and Bluetooth Coexistence with LTE Bands 7, 38, and 40
 - 57dB Min. Attenuation in LTE Band 7
 - 55dB Min. Attenuation in LTE Band 38
 - 50dB Min. Attenuation in LTE Band 40

Avago will be showcasing a comprehensive portfolio of RF front-end solutions including the new MGA-43728, MGA-43828 and ACFF-1024 in the Avago Booth 1453 at the IMS 2013 exhibition in Seattle, Washington, USA from June 4th to 6th.

Pricing and Availability

The MGA-43728 and MGA-43828 are priced at \$9.24 USD each in 1,000 unit quantity, and the ACFF-1024 is priced at \$2.13 USD each in 1,000 unit quantity. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners.

Further information on the new MGA-43728, MGA-43828 and ACFF-1024 is available online at

http://www.avagotech.com/pages/en/rf_microwave/amplifiers/linear_power/linear_power_amplifier/mga-43728/

http://www.avagotech.com/pages/en/rf_microwave/amplifiers/linear_power/linear_power_amplifier/mga-43828/

http://www.avagotech.com/pages/en/rf_microwave/fbar_filters/filters/acff-1024/

About Avago Technologies

Avago Technologies is a leading designer, developer and global supplier of a broad range of analog, mixed signal and optoelectronics components and subsystems with a focus in III-V compound semiconductor design and processing. Backed by an extensive portfolio of intellectual property including approximately 4,200 patents and pending applications, Avago products serve three primary target markets: wireless communications, wired infrastructure, and industrial and other. Avago has a global employee presence and heritage of technical innovation dating back 50 years to its Hewlett-Packard roots. For more information, visit Avago's website: www.avagotech.com.

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