Photo Release -- Avago Technologies Debuts Miniature RFIC for SDARS Car Radio Systems at IMS 2015

May 19, 2015

Industry's First Highly Integrated LNA-Filter Module Enabling SDARS Coexistence With Cellular, WiFi, Bluetooth and GPS

SAN JOSE, Calif., and SINGAPORE, May 19, 2015 (GLOBE NEWSWIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for wireless, wireline, storage and industrial applications, today announced a miniature highly integrated LNA-filter RFIC module, the ALM-2203, targeting Satellite Digital Audio Radio Service (SDARS) car radio systems. The module is designed to enable SDARS signal to coexist with cellular, WiFi, Bluetooth and GPS signals commonly present in today's automobiles.

A photo accompanying this release is available at http://www.globenewswire.com/newsroom/prs/?pkgid=33019

IMS 2015
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There are an increasing number of RF antennas and radio systems in new cars enabling advanced safety features and media-rich infotainment. Furthermore, personal wireless devices such as smartphones and tablets have become an integral part of modern day in-car experience for drivers as well as passengers. The car can be an environment crowded with many different types of wireless signals that could cause an RF interference disrupting desired signal reception. As such, it is difficult for a small signal type such as SDARS to operate in the presence of nearby large signals like 4G/LTE and WiFi. The ALM-2203 is the first highly integrated LNA-filter module that addresses SDARS wireless coexistence challenges while meeting the miniature footprint requirement for modern shark-fin type antennas.

ALM-2203 Product Highlights

- SiriusXM® Approved LNA-Filter RFIC for SDARS Car Radio Systems
- Leverages Avago's Unique pHEMT LNA & FBAR Filter Technologies
- Superb OOB P1dB Enabling SDARS Coexistence with Cellular, WiFi, Bluetooth & GPS
- Compact & Fully Matched 5x5 mm^2 Package Suitable for Shark-Fin Type Antennas

Avago will be conducting a live demonstration of SDARS RF signal reception using the ALM-2203 in the Avago booth 1145 at the IMS 2015 exhibition in Phoenix, Arizona, USA from May 19th to 21st. Attendees shall see a robust coexistence of SDARS RF output signal in the presence of strong jamming signals from 1710 to 2600 MHz, demonstrating ALM-2203's superb OOB P1dB performance.

"As new cars are increasingly equipped with SDARS, the need for a miniature SDARS LNA-filter RFIC with good OOB P1dB performance is imperative for today's car multi-band, multi-standard wireless environment," said Ron Ruebusch, senior vice president and general manager of Avago's Wireless Semiconductor Division. "The introduction of the ALM-2203 further expands Avago's product footprint in the growing automotive wireless market."

Availability

Avago is currently ramping up production of its ALM-2203 to support a major automotive company. General availability is slated for early 2016. Small quantities of the ALM-2203 are available now for sampling to support design and evaluation. Please contact your local Avago Technologies sales representative for samples and pricing.

Further information on the ALM-2203 is available online at http://www.avagotech.com/pages/en/rf_microwave/amplifiers/low_noise_amplifiers/alm-2203/

About Avago Technologies

Avago Technologies is a leading designer, developer and global supplier of a broad range of analog, digital, mixed signal and optoelectronics components and subsystems with a focus in III-V compound and CMOS based semiconductor design and processing. Avago's extensive product portfolio serves four primary target markets: wireless communications, enterprise storage, wired infrastructure, and industrial and other.

For more information, visit Avago's website: www.avagotech.com.

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