

Power Amplifier Advances Handset Growth

In advance of the February 2012 Mobile World Congress trade show in Barcelona, Spain, the focus of GaAs device manufacturers -- including RFMD, Skyworks, TriQuint Semiconductor and ANADIGICS---was on new power amplifier products to satisfy the trend for more frequency bands and modes in mobile handsets.

According to a release, the Strategy Analytics GaAs and Compound Semiconductor Technologies Service (GaAs) viewpoint, "Compound Semiconductor Industry Review February 2012: Microelectronics," captures these product developments along with other product, technology, contract and financial announcements for semiconductor companies such as Hittite Microwave, Agilent, WIN Semiconductors, Mitsubishi, Cree, Analog Devices, Nujira, M/A-COM Technology and TowerJazz.

"Handsets continue to be the largest segment of the compound semiconductor market," noted Eric Higham, Director of the Strategy Analytics GaAs and Compound Semiconductor Technologies Service. "As handsets evolve with increasing functionality and frequency bands, designers are developing new power amplifiers and module platforms to meet the innovative front-end architectures."

Asif Anwar, Director, Strategy Analytics Strategic Technologies Practice added, "In order to meet the stringent handset RF performance requirements, we are now seeing the large GaAs device manufacturers develop more multi-mode and multi-band power amplifier solutions that may be used alone, or integrated into modules."

This monthly Strategy Analytics research summarizes financial, product, contract and employment developments from compound semiconductor device suppliers from February 2012. These announcements address a variety of commercial and military applications that use gallium arsenide (GaAs), gallium nitride (GaN), Silicon carbide (SiC), silicon germanium (SiGe) and complementary metal-oxide-semiconductor (CMOS) technologies.

Strategy Analytics, Inc. provides market intelligence focused on opportunities and disruptive forces in the areas of Automotive Electronics and Entertainment, Broadband Connected Home, Mobile & Wireless Intelligent Systems and Virtual Worlds.

More information:

www.strategyanalytics.com [1]

Posted by Janine E. Mooney, Editor

Power Amplifier Advances Handset Growth

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

May 10, 2012

Source URL (retrieved on 12/17/2014 - 9:18pm):

<http://www.wirelessdesignmag.com/news/2012/05/power-amplifier-advances-handset-growth>

Links:

[1] <http://www.strategyanalytics.com/>