Samsung Selects ANADIGICS' WiFi and Cellular Solutions for Galaxy S 4

ANADIGICS, Inc.

ANADIGICS' High Performance 802.11ac WiFi Front-End IC and Cellular PAs are Powering the New Samsung Galaxy S 4 Smartphone

WARREN, NJ– ANADIGICS, Inc. [1] [Nasdaq: ANAD [2]] has announced that the Company's AWL9581 802.11ac front-end IC (FEIC), AWT6651 ProEficient power amplifier (PA), AWT6624 HELP4 PA, and AWC6323 HELP3E dual-band PA enable wireless connectivity in the Galaxy S 4 by Samsung Electronics. This feature-rich smartphone offers a 5-inch full HD Super AMOLED display, 1.9 GHz quad-core processor, 13 megapixel camera, and Android 4.2.2 Jelly Bean operating system. The new Samsung Galaxy S 4 also builds upon the success of its predecessor with both consumer and professional innovations, such as touch-less interactions and government-grade security.

"We are ecstatic to enable both WiFi and cellular connectivity in the new Samsung Galaxy S 4," said Ron Michels, chairman, president and CEO of ANADIGICS. "The selection of ANADIGICS' differentiated, battery-saving solutions for this flagship device not only exemplifies the tremendous performance advantages offered by our products, but also the strength of our relationship with Samsung. Our goal is to continue to support Samsung through each successive generation of mobile connectivity."

ANADIGICS' 802.11ac FEICs leverage the Company's exclusive InGaP-Plus technology and patented design architectures to combine a high performance power amplifier (PA), low-noise amplifier (LNA), and RF switch on a single die. This level of integration on a single die greatly improves manufacturability and reliability for our customers. It also reduces PCB space requirements and simplifies RF front-end design to speed time-to-market.

ANADIGICS' AWL9581 5 GHz FEIC utilizes InGaP-Plus to deliver the industry's lowest current consumption, significantly extending battery-life in mobile applications. The complete family of FEICs provides outstanding error vector magnitude (EVM) and noise figure performance, which enables ultra-high data throughput. The AWL9581 is featured in the Galaxy S 4 across multiple regions and carriers.

The Company's ProEficient, HELP4, and HELP3E power amplifiers also use InGaP-Plus and unique design architectures to provide greater efficiency in low power mode and extend talk-time. Additionally, ANADIGICS' ProEficient PAs offer exceptional performance in high power mode to minimize current consumption when using 3G and 4G data services and maximize overall battery-life. The AWT6651 is featured in the Galaxy S 4 for China Mobile, the AWT6624 is being used in the Galaxy S 4 for U+ in Korea, and the AWC6323 is being utilized in the Galaxy S

4 for China Unicom.

Source URL (retrieved on *12/18/2013 - 4:34pm*):
http://www.wirelessdesignmag.com/news/2013/05/samsung-selects-anadigics%E2%80%99-wifi-and-cellular-solutions-galaxy-s-4

Links:
[1] http://www.anadigics.com
[2] http://www.google.com/finance?q=Nasdaq%3A+ANAD&ei=KiCdUcCaDJGvqwHdMQ