Skyworks Unveils Front-End Solutions with Best-in-Class Power Added Efficiency

Posted Ron M. Seidel, Editorial Intern February 29, 2012

New SkyHi™ Power Amplifiers Achieve Performance Breakthrough in Support of Data Intensive Mobile Platforms

Skyworks Solutions, an innovator of high reliability analog and mixed signal semiconductors enabling a broad range of end markets, today introduced several new 3G and 4G high-efficiency front-end solutions, collectively known as SkyHi™, for smartphones, tablets and wireless data modules. Skyworks' SkyHi™ solutions deliver industry-leading power-added efficiency performance for today's data intensive mobile platforms, extending battery life, reducing the radio footprint, and simplifying calibration for manufacturers.

"Today's applications and devices require improved efficiency at high power," said Thomas J. Richter, senior marketing director of front-end solutions at Skyworks. "Skyworks' new family of SkyHi™ amplifiers and front-end modules deliver close to 50 percent power-added efficiency, and offer a path to even higher efficiency when utilized in an envelope tracking system."

According to Ericsson, a world-leading provider of telecommunications equipment and services, mobile broadband connections, which provide the means to connect to the Internet and download data or other content, are exploding. They estimate that there were more than 500 million mobile broadband subscribers globally in 2010 with subscriptions expected to grow to more than 2.5 billion subscribers in 2014, representing a compounded annual growth rate of 44 percent.

For more information, please visit www.skyworksinc.com [1].

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