

RFMD Achieves 4G Performance Milestone

RF Micro Devices, Inc. today announced it has achieved a major performance milestone related to its PowerSmart power platforms. RFMD's PowerSmart power platforms are a new product category reshaping the future of multimode, multi-band cellular RF architectures.

During independent product testing, RFMD's PowerSmart power platforms achieved HSPA+ 4G data upload speeds while drawing approximately 15% less current than competitive solutions. Product qualification tests, which are routinely performed to evaluate each new cellular product's front end, transceiver and baseband, are currently being conducted in support of a highly anticipated product family spanning multiple form factors, to be launched by a leading cellular device manufacturer beginning in the March, 2011, quarter.

PowerSmart power platforms feature a revolutionary new RF Configurable Power Core™ that delivers multiband, multi-mode coverage of all cellular communications modulation schemes, including GSM/GPRS, EDGE, EDGE Evolution, CDMA, 3G (TD-SCDMA or WCDMA) and 4G (HSPA+, LTE or WiMAX). HSPA+ 4G devices are capable of maximum data upload speeds of 22 megabits per second (Mbps). Because the RF Configurable Power Core in PowerSmart is compliant with all current and known future 4G data standards (HSPA+, LTE QPSK, LTE 16QAM, and LTE 64QAM), RFMD anticipates subsequent smartphones featuring PowerSmart will support upload speeds significantly greater than 22 Mbps.

In addition to the RF Configurable Power Core, which performs all power amplification and power management functionality, RFMD's PowerSmart power platforms include all necessary switching and signal conditioning functionality in a compact reference design, providing smartphone manufacturers a single scalable source for the entire cellular front end.

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