Ember ZigBee Technology Featured In New Family Of Front End Modules

RF Micro Devices, Inc. (Nasdaq GS: RFMD), a global leader in the design and manufacture of high-performance radio frequency components and compound semiconductor technologies, announced today it is teaming with Ember Corporation to introduce ZigBee front end modules (FEMs) for smart grid applications that give utilities and consumers more control over how they monitor and save energy. ZigBee is a global wireless networking standard for monitoring and control in a variety of applications such as energy management, safety and security, lighting and appliances.

RFMD's new ZigBee FEM product family, unveiled today, enables customers to bring new ZigBee products to market faster, while dramatically reducing the number of components required and the size, cost, and power consumption of smart grid FEMs.

While RFMD's newest ZigBee FEMs can be used with any ZigBee application, the product family initially targets smart grid and smart energy applications such as smart meters, demand response, and home area network (HAN) devices. Beyond smart energy, RFMD's ZigBee FEM family is also designed for industrial applications and any other wireless sensing and control applications that demand low power consumption, high performance and proven reliability.

RFMD's ZigBee FEM family includes the RF6525, RF6515, and RF6535, which are optimized to operate with the Ember EM300 Series system-on-chip (SoCs) – EM351 and EM357 – as well as Ember's EM250 SoC and EM260 network co-processor.

Bob Van Buskirk, president of RFMD's Multi-Market Products Group (MPG), said, “RFMD and Ember are leveraging each other's expertise to deliver high-performance, highly integrated ZigBee solutions that reduce design cycle times, lower costs, and accelerate time-to-market. Large-scale smart energy projects are forecast to grow rapidly, with particular demand anticipated in low-power wireless IC technologies like ZigBee.”

“RFMD anticipates our collaboration with Ember will directly benefit our smart energy customers while supporting continued growth in the burgeoning smart energy marketplace. These diversification efforts, and RFMD's other diversified growth initiatives currently underway, highlight the embedded value in our strategic mission to extend and leverage our leadership in RF components and compound semiconductors into multiple industries.”

“By teaming with RFMD we are further simplifying ZigBee development for OEMs and bolstering our partner ecosystem to include a global leader in high performance RF components. Fine tuned to work with the Ember platform, RFMD's ZigBee FEMs

deliver impressive size reduction and outstanding performance, thereby enabling faster, easier development of smart energy products worldwide," said Bob LeFort, Ember CEO.

Ember's ZigBee networking systems – chips, ZigBee protocol software and tools – simplify the complexity of integrating embedded software, networking and RF for developing low power, wireless products in smart energy, connected home and other remote monitoring and control applications. Since its inception, Ember has been an industry leader, future-proofing customers and partners like RFMD with the most advanced features.

The EM300 Series is Ember's next-generation ZigBee chip family, and the world's first ARM Cortex-M3 based ZigBee SoC, packing the industry's highest wireless networking performance and application code space into the lowest power-consuming chip set. The EM250 and EM260 ZigBee are the most deployed family of ZigBee semiconductors delivering excellent RF performance, sensitivity and transmit power for long range, and 802.11 immunity.

For additional information please visit http://www.rfmd.com/ember/zigbeerf.aspx [1].

About Ember

Ember Corporation (www.ember.com) develops wireless mesh networking technology – chips, software, tools - for Smart Energy, connected homes, as well as many other monitoring and control applications enabling greener living and work environments. The Boston based company is a promoter of the ZigBee Alliance with an IC design center in Cambridge, England, office in Hong Kong and sales channels worldwide.

About RFMD

RF Micro Devices, Inc. (Nasdaq:RFMD) is a global leader in the design and manufacture of high-performance radio frequency components and compound semiconductor technologies. RFMD's products enable worldwide mobility, provide enhanced connectivity and support advanced functionality in the cellular handset, wireless infrastructure, wireless local area network (WLAN), CATV/broadband and aerospace and defense markets. RFMD is recognized for its diverse portfolio of semiconductor technologies and RF systems expertise and is a preferred supplier to the world's leading mobile device, customer premises and communications equipment providers.

Headquartered in Greensboro, N.C., RFMD is an ISO 9001- and ISO 14001-certified manufacturer with worldwide engineering, design, sales and service facilities. RFMD is traded on the NASDAQ Global Select Market under the symbol RFMD. For more information, please visit RFMD's web site at www.rfmd.com [2].

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