



Press Release

Infineon Unveils Portfolio of Energy-Efficient Enhancement Mode and Cascode configuration GaN-on-Silicon Platforms at APEC 2015

Munich, Germany, and Charlotte, USA – March 17, 2015 – Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) today announced the expansion of its Gallium Nitride (GaN)-on-Silicon technology and product portfolio. The company now offers both enhancement mode and cascode configuration GaN-based platforms optimized for high performance applications requiring superior levels of energy efficiency including Switch Mode Power Supplies (SMPS) used in server, telecom, mobile power and consumer goods such as Class D Audio systems. GaN technology significantly reduces the size and weight of power supplies which will open up new opportunities in end-products such as ultra-thin LED TVs.

“Infineon’s GaN-on-Silicon portfolio combined with the acquisition of International Rectifier’s GaN platform together with our partnership with Panasonic clearly positions Infineon as the technology leader in this promising GaN market,” stated Andreas Urschitz, President of the Power Management & Multimarket Division of Infineon Technologies AG. “In line with our ‘Product to System’ approach, our customers can now choose enhancement mode or cascode configuration technologies according to their application/system requirements. At the same time, Infineon is committed to developing Surface Mount Device (SMD) packages and ICs that will further leverage the superior performance of GaN in a compact footprint. As a real world example, using our GaN technology, a laptop charger found on the market today could be replaced by one that is up to four times smaller and lighter,” he added.

Infineon’s expanded offering will include dedicated driver and controller ICs which enable the topologies and higher frequencies that fully leverage the benefits of GaN. The offering is further enhanced by a broader patent portfolio, GaN-on-Silicon epitaxy process and 100V-600V technologies resulting from the acquisition of International Rectifier. Additionally, through a strategic partnership with Pana-

For the Trade Press: INFPMM201503.043e

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sonic Corporation, Infineon and Panasonic will jointly introduce devices utilizing Panasonic's normally-off (enhancement mode) GaN-on-Silicon transistor structure integrated into Infineon's Surface Mount Device (SMD) packages, providing a highly efficient, easy-to-use 600V GaN power device with the added benefit of dual sourcing.

As a result, Infineon now offers customers complete system know-how combined with the most comprehensive range of GaN technologies and products in the industry. Additionally, the company holds best-in-class manufacturing capabilities, volume capacity and second sourcing for normally-off GaN power devices in an Infineon SMD package.

GaN-on-Silicon-based technology delivers increased power density and higher energy efficiency in a smaller footprint compared to Silicon-based solutions, and is, therefore, well suited to a wide range of applications from consumer goods such as Television power supplies to Class D Audio amplifiers to SMPS used in server and telecom equipment. According to an IHS market research report, the GaN-on-Silicon market for power semiconductors is expected to grow at a compound annual growth rate (CAGR) of more than 50 percent, leading to an extension of volume from US\$15 million in 2014 to US\$800 million by 2023.

Availability

Infineon and Panasonic Corporation will showcase samples of a 600V 70mΩ device in a DSO package at APEC 2015 which will be held in Charlotte, North Carolina, March 15-19, 2015. Demonstrations of both enhancement mode and cascode configuration technologies will also be featured. Samples of enhancement mode and cascode devices will be available to customers under specific Non-Disclosure Agreements (NDA). Fully released mid-voltage cascode devices are available for complying Class D Audio customers.

About Infineon

Infineon Technologies AG is a world leader in semiconductors. Infineon offers products and system solutions addressing three central challenges to modern society: energy efficiency, mobility, and security. In the 2014 fiscal year (ending September 30), the company reported sales of Euro 4.3 billion with about 29,800 employees worldwide. In January 2015, Infineon acquired US-based International

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Rectifier Corporation, a leading provider of power management technology, with revenues of USD 1.1 billion (fiscal year 2014 ending June 29) and approximately 4,200 employees.

Infineon is listed on the Frankfurt Stock Exchange (ticker symbol: IFX) and in the USA on the over-the-counter market OTCQX International Premier (ticker symbol: IFNNY).

Further information is available at www.infineon.com

This press release is available online at www.infineon.com/press

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