



Market News

Infineon scores in Multiphase Power Systems with Integrated Power Stage for servers and other demanding systems

Munich, Germany and Long Beach, USA – March 22, 2016 – Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) today introduced its integrated power stage family. With power efficiency rating reaching 96 percent, the new power stage devices can be combined with Infineon’s latest generation digital PWM power management controllers. This provides a full multiphase voltage regulation (VR) system solution for server, storage, client and communications systems.

Simple, small and smart

The integrated power stage reduces power loss and simplifies design of VR solutions for multicore processors, ASICs and FPGA’s where efficient power management is critical. Maximum current rating of 70 A in a small 5 mm x 6 mm PQFN SMD package supports phase reduction in multiphase systems. The integrated power stage family also offers smart self-protection with both over current and over-voltage protection, very accurate temperature and current information to the customer’s system.

“Infineon has greatly expanded its portfolio of power management technologies recently,” said Richard Kuncic, Vice President and General Manager of Infineon’s Business Line DCDC. “The integrated power stage combines further increases in energy efficiency with power density for enterprise power applications.”

Product Information

Infineon’s new integrated power stage family comes in 50 A through 70 A current ratings, and offers different efficiency levels to match design requirements. More information is available at www.infineon.com/integrated-powerstages.

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