



## Market News

### **Infineon enables new high-performance FPGA development platform**

Munich, Germany – March 18, 2016 – Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) today announced that its Digital Point-of-Load (PoL) DC-DC regulators with full PMBus capabilities are featured in the Kintex® UltraScale™ development board. A key driver for the design flexibility of the board is the superior PMBus connectivity of the IR3806x family. Configurations can be stored in internal memory. In addition, PMBus commands allow run-time control, fault status and telemetry.

#### **Tremendous flexibility**

The on-chip programmable SupIRBuck™ regulator provides tremendous flexibility for FPGA-based design. Thus, it easily adapts to rapidly changing design requirements. The IR3806x SupIRBuck voltage regulator features integrated PWM controller and MOSFETs in a single package. It delivers 90 percent more efficiency for all rails including all losses and less than sub 10 mV peak-to-peak ripple from 3 to 35 A in a tiny footprint. The regulator allows system power management on a high level and is extremely robust.

Despite being compact, the IR3806x family delivers a fully integrated PoL regulator with advanced power management programmability, margining, sequencing, and telemetry across multiple rails via full PMBus 1.2 compatibility. The board includes all functions for an embedded processing system. This enables designers to easily design and verify applications.

The Xilinx Bit Error Test (BERT) demonstrates error losses through rigorous code testing. It uses worst case bit patterns across serial transceiver/receivers. The IR38060 delivers precise power performance: zero bit error test results show no contribution to jitter noise across the pattern.

Infineon will show the Xilinx Kintex UltraScale board in its booth #1917 at the APEC March 20-24, 2016 in Long Beach, California. Further information is available at: [www.infineon.com/Xilinx](http://www.infineon.com/Xilinx).

For the Trade Press: INFPMM201603.040e

**Media Relations:**  
**Worldwide Headquarters**  
**U.S.A.**  
**Asia**  
**Japan**  
**Investor Relations**

**Name:**  
**Fabian Schiffer**  
**Sian Cummings**  
**Chi Kang David Ong**  
**Yoko Sasaki**  
**EU/APAC/USA/CAN**

**Phone:**  
+49 89 234 25869  
+1 310 252 7148  
+65 6876 3070  
+81 3 5745 7340  
+49 89 234 26655

**Email:**  
fabian.schiffer@infineon.com  
sian.cummings@infineon.com  
david.ong@infineon.com  
yoko.sasaki@infineon.com  
investor.relations@infineon.com