



News Alert

Infineon Highlights Innovative 16-Bit MCU Family for Motorcycle and Entry-Level Car Engine Control Applications at SAE India

New Delhi, India – January 10, 2008 – At the 5th SAE India Mobility Conference on Emerging Automotive Technologies, Infineon Technologies AG (FSE/NYSE: IFX) is demonstrating innovative semiconductor solutions for body, convenience and power-train in automotive applications in booth #242526. Infineon highlights its XC2700 family of microcontrollers for powertrain applications that enable the design of a more cost-effective electronic engine control in motorcycles and entry-level cars to meet upcoming emission standards.

India is the world's strongest growing automotive market and second largest motorcycle market after China. India will introduce the Bharat Stage III/IV soon, tougher emission control standards for vehicles that are equivalent to the European EUR-3/4 norms – helping drive the need for more cost-effective electronic engine management systems.

Indian companies expect to manufacture 15 million two-wheelers a year by 2010, up from 6.7 million in 2005. According to industry experts, the Indian car market is the fourth largest in Asia with over 1.5 million light vehicles sold in 2006. In addition to enhanced requirements on the reduction of fuel consumption and emission, motorcycles in Asia must meet consumer prices of less than US-\$500 and entry-level cars must meet a starting price point below US-\$2000.

Offering 32-bit performance, the XC2700 family was specifically developed to reduce the system cost of the engine management system in motorcycles and entry-level cars, while providing the performance that is needed to meet the legislation on emissions.

“It's one of Infineon's objectives to develop more intelligent chips to help make vehicles more energy efficient,” said C. S. Chua, Automotive Marketing Director, Automotive, Industrial and Multimarket business group at Infineon Technologies Asia Pacific Pte. Ltd. “The XC2700 family helps improve fuel efficiency and reduce emissions in motorcycles and entry level cars by supporting fuel injection system with improved closed-

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loop control such as throttle, knock and valve controls. These tasks require advanced MCUs, which are powerful and flexible enough to handle all the functions in a modern vehicle,” Chua added.

With 64- to 176-pins, the XC2700 family provides a scalable package range from lower cost versions to higher performance devices. Designers can now increase the performance curve by providing engine control systems for motorcycles and entry-level cars and equip them with more efficiency and by significantly improving emissions performance with these products.

Availability and Pricing

The XC2700 product portfolio includes ten products varying in flash memory, frequency and package to help designers choose the best device for a more cost-effective application. Within the XC2700 product family, the hardware and software can be reused to provide excellent time-to-market, cost effectively.

The XC2766X and XC2786X microcontrollers of the XC2700 family are now available to dedicated automotive manufacturers and component suppliers.

Sample pricing varies according to product specification. For instance, the XC2766X with 66 MHz frequency, 768kBytes of flash memory, 16 channels, LQFP-100 package and an automotive temperature range of -40°C to +125°C is priced at approximately Euros 5.49 (US-\$ 7.41) per piece in quantities of 20,000. For the same quantities, the XC2786X with 24 channels in a LQFP-144 package and same key features is priced at about Euros 6.78 (US-\$ 9.15) per piece.

Infineon’s Technical Sessions at SAE India 2008

“Design Considerations for Linear Hall in Throttle Position Sensing Applications” (Ngee Hou Tan); January 10, 2008; 14:00 hrs to 14:25 hrs.

“Managing Automobiles’ Energy and Pollution – Electronics the Ultimate Solution” (Patrick Leteinturier); January 11, 2008; 14:25 hrs to 14:50 hrs.

Further information

For further information on the XC2700 family, please visit www.infineon.com/XC2700 and the company’s news release as of October 18, which can be found in the news archive at www.infineon.com/press

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Further information on Infineon's automotive product portfolio including sensors, power electronics and microcontrollers is available at: www.infineon.com/automotive.

About Infineon

Infineon Technologies AG, Neubiberg, Germany, offers semiconductor and system solutions addressing three central challenges to modern society: energy efficiency, communications, and security. In the 2007 fiscal year (ending September), the company reported sales of Euro 7.7 billion (including Qimonda sales of Euro 3.6 billion) with approximately 43,000 employees worldwide (including approximately 13,500 Qimonda employees). With a global presence, Infineon operates through its subsidiaries in the U.S. from Milpitas, CA, in the Asia-Pacific region from Singapore, and in Japan from Tokyo. Infineon is listed on the Frankfurt Stock Exchange and on the New York Stock Exchange (ticker symbol: IFX).

Further information is available at www.infineon.com.

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