



News Alert

Infineon Introduces New Security Microcontroller Family for SIM Cards

Neubiberg, Germany – November 15, 2007 – Infineon Technologies (FSE/NYSE: IFX), the world's leading supplier of chip card integrated circuits (ICs), today introduced its new product family of security microcontrollers specifically designed for use in SIM (Secure Identification Module) cards. Offering overall memory capacities of 256 to 512 kilobytes (KB), the new SLE 76 family targets the fast-growing high-volume segment of mid-range to high-end SIM cards. The SLE 76 family further advances download execution speeds and improves multi-application capabilities for SIM cards.

The SLE 76 family today includes six members with more memory configurations under development. The microcontrollers cover memory requirements for SIM cards ranging from capacities of 64KB to 256KB of EEPROM available as flash and ROM with RAM sizes varying between 6KB and 12KB.

Flash products are configurable in code and data sections with a 4KB granularity and include a powerful bootloader to securely download 512KB of flash content in less than 10 seconds.

The full 16-bit architecture allows for the linear addressing of 16MB of virtual memory and independently handles performance optimization by automatic power limitation and highest NVM reliability.

In addition to performance and ease-of-use, the SLE 76 features high flexibility for current and future applications. The hardware architecture is designed for quick integration of new interfaces, memory technologies and other peripherals. This flexible architecture enables card manufacturers to re-use their existing operating system and deploy cards with additional features.

In order to ease transition from existing applications based on Infineon's SLE 50PE and SLE 66PE 16-bit security microcontroller families, the development tools and instruction

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set are only different in new features of the SLE 76 family. Training is also available on request.

All SLE 76 devices are available in several package variations including wirebond, flip-chip and SMD.

Further information is available at www.infineon.com/security

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