

# SLE 97CNFX8000P(E)

SOLID FLASH™ 32-bit Security Controller  
Ideal for SWP-NFC Applications

800 kByte SOLID FLASH™  
32 kBytes RAM  
SWP Interface (Mifare compatible interface)

## Short Product Overview

Feb. 2013

**Edition 2013-02**

**Published by**  
**Infineon Technologies AG**  
**81726 Munich, Germany**

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SOLID FLASH™: Infineon trademark which stands for security controller using dedicated Flash/EEPROM technologies. The term "Mifare" in this document is only used as an indicator of product compatibility to the corresponding established technology. This applies to the entire document wherever the term is used.

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Product name	SLE 97CNFX8000P(E) 1  SOLID FLASH™  NFC Optimized
Product description	Security cryptocontroller designed for NFC SWP applications
Interfaces	ISO 7816, SWP (Mifare compatible interface)
Memory	800 kBytes SOLID FLASH™ + 32 kBytes RAM + 844 Bytes crypto
CPU	32-bit
Symmetrical cryptography	3DES, AES up to 256-bit
Asymmetrical cryptography	RSA up to 4096-bit, ECC up to 521-bit
Ambient temperature	-25 to + 85 °C
Delivery forms	FCOS™ module, Wirebond module, SMD, Die
Typical applications	SWP SIM/UICC (NFC), SWP Micro SD, Mobile Payment
Certification level	CC EAL5+ High, EMVCo

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