

SLE 97CNFX1M00PE

SLE 97 SOLID FLASH™ Family Product

32-bit SWP Security Cryptocontroller for SWP SIM card

Enhanced 32-bit ARM® SC300™ CPU

1 MByte SOLID FLASH™

32 kByte RAM

ISO 7816, SWP (Mifare compatible)

Short Product Overview

October 2014

SLE 97CNFX1M00PE Short Product Overview
Revision History: -
Previous Releases: -

Edition October 2014

Published by

Infineon Technologies AG

81726 Munich, Germany

© 2014 Infineon Technologies AG

All Rights Reserved.

Legal Disclaimer

The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics. With respect to any examples or hints given herein, any typical values stated herein and/or any information regarding the application of the device, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation, warranties of non-infringement of intellectual property rights of any third party.

Information

For further information on technology, delivery terms and conditions and prices, please contact the nearest Infineon Technologies Office (www.infineon.com).

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.

Warnings

Due to technical requirements, components may contain dangerous substances. For information on the types in question, please contact the nearest Infineon Technologies Office.

Infineon Technologies components may be used in life-support devices or systems only with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.

Product name	SLE 97CNFX1M00PE
Product description	32-bit SWP Security Cryptocontroller for SWP SIM card
Interfaces	ISO 7816 SWP (Mifare compatible)
User-ROM	–
NVM	1024.0 kByte
EEPROM	–
RAM	32 kByte
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, Wafer sawn
Typical applications	SWP SIM/UICC (NFC)
Certifications	CC EAL5+ High, EMVCo

For further information on technology, delivery forms and conditions please contact your nearest Infineon Technologies sales representative (www.infineon.com).

Infineon Technologies – innovative semiconductor solutions for energy efficiency, mobility and security.

