

SLE 77CLFX2400P(M)

SOLID FLASH™ 16-bit Security Controller
Optimized for Contactless and Dual-Interface
Payment Applications in 90 nm CMOS Technology

240 kBytes SOLID FLASH™
6 kBytes RAM

Short Product Overview

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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 77CLFX2400P(M) 1  SOLID FLASH™
Product description	Dual-interface and contactless security controller
Interfaces	ISO 7816, ISO 14443 A/B, ISO 18092 passive mode, Mifare compatible interface, prepared for Sub-ID1 dedicated products
Memory	240 kBytes SOLID FLASH™ + 6 kBytes RAM
CPU	16-bit
Symmetrical cryptography	DES, 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	contactless module, dual interface module
Typical applications	EMV DDA, EMV CDA, ePurse, Loyalty, Global Platform / Java
Certification level	CC EAL5+ High, EMVCo

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