

# SLE 77CLFX2000P

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

200 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.

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Product name	SLE 77CLFX2000P 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
NVM	200kBytes SOLID FLASH™ + 6kBytes 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	National eID, eHealth card/eSocial card, eDriver's License
Certifications	CC EAL5+ high / EMVCo

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