

# SLE 77CLF1001P(M)

SOLID FLASH™ 16-bit Security Controller in 90 nm CMOS Technology  
Optimized for Contactless Transport, Micropayment and Basic ID Applications

100 kBytes SOLID FLASH™  
4 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 77CLF1001P(M) 1  SOLID FLASH™
Product description	Contactless security controller
Interfaces	ISO 14443 A/B, ISO 18092 passive mode, Mifare compatible interface
Memory	100 kBytes SOLID FLASH™ + 4 kBytes RAM
CPU	16-bit
Symmetrical Cryptography	DES, 3DES, AES up to 256-bit
Asymmetrical Cryptography	–
Ambient temperature	-25 to + 85 °C
Delivery forms	Contactless module, bumped wafer, die
Typical applications	National eID, eHealth card/eSocial card, eDriver's License, eVehicle Registration Card/eCar Registration, Ticketing, Public Transport
Certification level	CC EAL5+ High, EMVCo

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