

SLE 77CLF601P(M)

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

60 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.

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 77CLF601P(M) 1  SOLID FLASH™
Product description	Contactless security controller
Interfaces	ISO 14443 A/B, ISO 18092 passive mode, Mifare compatible interface
Memory	60 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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