

SLE 66CL80PE (M/S)

8/16-bit Security Dual Interface Controller in 22 nm CMOS Technology

Optimized for Contact-based and Contactless Applications

92 kBytes User-ROM

8 kBytes EEPROM

2304 Bytes RAM

Short Product Overview

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Revision History: Current Version 05.12	
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Product name	SLE 66CL80PE (M/S)
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	8kByte (+ 1kByte for M) EEPROM, 92kByte (88kByte) ROM, 2kByte XRAM, 256Byte IRAM RAM
CPU	8-Bit/16-bit
Symmetrical Cryptography	3DES
Asymmetrical Cryptography	–
Ambient temperature	- 25 to +70°C
Delivery forms	Contactless module, dual-interface module, bumped wafer, die
Typical applications	eDriver's License, eVehicle Registration Card/eCar Registration
Certification level	CC EAL5+ High

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