SLE 66CX1280PE

8/16-Bit Security Controller
with enhanced instruction set for large memories
in 0.22 µm CMOS Technology

348-Kbytes ROM, 6 Kbytes RAM, 128-Kbytes EEPROM
1100-Bit Advanced Crypto Engine
certified RSA 2048-bit library available
Dual Key Triple DES

Short Product Overview

May 2011

Chip Card & Security

SLE 66CX1280PE Short Product Overview	Ref.: Chip_Card_Product_Overview_11/09
Revision History: Current Version 05.11	
Previous Releases: **05.10**	
Page	

Important: Further information is confidential and on request. Please contact:
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Product name	SLE 66CX1280PE Secure µSlim EEPROM
Product description	Security cryptocontroller
Interfaces	ISO 7816
User-ROM	240kByte
Flash	–
EEPROM	128kByte
RAM	6kByte + 700Byte crypto
CPU	8-bit/16-bit
Symmetrical Cryptography	3DES
Asymmetrical Cryptography	RSA up to 2048-bit, ECC up to 521-bit
Ambient temperature	-25 to +85°C
Delivery forms	Module M5.1, MFC5.x, DSO-8, VQFN-8, die
Typical applications	Payment, EMV DDA, ePurse, Loyalty, Access Contol, Health/ Social Security, Digital Signature, ID-Card, Pay-TV, GSM, UICC
Certifications	CC EAL5+ high, EMVCo

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