

# SLE 66CX80PE

8/16-Bit Security Controller  
with enhanced instruction set for large memories  
in 0.22  $\mu\text{m}$  CMOS Technology

96-Kbytes ROM, 4 Kbytes RAM, 8-Kbytes EEPROM  
1100-Bit Advanced Crypto Engine  
certified RSA 2048-bit library available  
Dual Key Triple DES

## Short Product Overview

May 2011

<b>SLE 66CX80PE Short Product Overview</b>		Ref.: Chip_Card_Product_Overview_11/09
<b>Revision History: Current Version 05.11</b>		
Previous Releases: <b>05.10</b>		
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Product name	SLE 66CX80PE Secure $\mu$ Slim EEPROM
Product description	Security controller
Interfaces	ISO 7816
User-ROM	96kByte
Flash	–
EEPROM	8kByte
RAM	4kByte + 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
Certifications	CC EAL5+ high, EMVCo

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