

SLE 66CX366PE

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

196-Kbytes ROM, 6 Kbytes RAM, 36-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



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| SLE 66CX366PE Short Product Overview | | Ref.: Chip_Card_Product_Overview_11/09 |
| Revision History: Current Version 05.11 | | |
| Previous Releases: 05.10 | | |
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Important: Further information is confidential and on request. Please contact:
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|------------------------------|--|
| Product name | SLE 66CX366PE Secure μ Slim EEPROM |
| Product description | Security cryptocontroller |
| Interfaces | ISO 7816 |
| User-ROM | 196kByte |
| Flash | – |
| EEPROM | 36kByte |
| 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 |
| Certifications | CC EAL5+ high, EMVCo |

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