

SLE 77CFX1560P

(M7793)



16-bit Flash Security Controller Optimized
for Midrange Payment Applications
in 90 nm CMOS Technology

156 KBytes SOLID FLASH™
6 KBytes RAM

Crypto@2304T Engine
with Register Lengths of up to 2304 Bits, Certified RSA and ECC Libraries
Symmetric Crypto Processor (SCP)
Triple-Key-Triple-DES and AES Acceleration

Short Product Overview

September 2011

Chip Card & Security



SLE 77CFX1560P Short Product Overview		Ref.: Chip_Card_Product_Overview_11/09
Revision History: Current Version 09.11		
Previous Releases: 05.11		
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Important: Further information is confidential and on request. Please contact:
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Product name	SLE 77CFX1560P (M7793) 
Product description	Security cryptocontroller
Interfaces	ISO 7816
User-ROM	–
Flash	156kByte
EEPROM	–
RAM	6kByte
CPU	16-bit
Symmetrical Cryptography	DES, 3DES, AES up to 256-bit
Asymmetrical Cryptography	RSA up to 4096-bit, ECC up to 521-bit
Ambient temperature	-25 to +85°C
Delivery forms	Module M4.8, FCOS MFC6.6, FCOS MFC6.8, bare die
Typical applications	Payment, EMV DDA, Loyalty
Certifications	EMVCo and CC EAL4+ high targeted

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