SLE 77CFX2000P

(M7793)

SOLID FLASH™

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

200 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 77CFX2000P 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: Infineon Technologies AG in Munich, Germany, Chip Card & Security E-Mail: security.chipcard.ics@infineon.com

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For further information on technology, delivery terms and conditions and prices, please contact the nearest Infineon Technologies Office (**www.infineon.com**).

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Product name	SLE 77CFX2000P (M7793) SOLID FLASH™
Product description	Security Cryptocontroller
Interfaces	ISO 7816
User-ROM	--
Flash	200kB
EEPROM	--
RAM	6kB
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 -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

For further information on technology, delivery forms and conditions please contact your nearest Infineon Technologies sales representative (www.infineon.com).

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