SLI 97CNFX1M00PE

Short Product Overview

Features

- 32-bit CPU
- 1 MByte SOLID FLASH™ Memory
- 32 kByte RAM
- ISO 7816, SWP
- 3DES, AES up to 256-bit
- RSA up to 4096-bit, ECC up to 521-bit
- -40 to +105°C
- MFF2
- CC EAL5+ high
- AEC-Q100 qualified

Applications

- Automotive M2M

Description

In a connected car, the SIM is the link between the automotive and the telecommunication worlds. The SIM, thereby, has to both meet the high quality standards of the automotive industry and fulfil the high security requirements of the Mobile Network Operators. Infineon answers to these challenging requirements with the SLI 97 product family, which is tailored to the automotive industry by supporting an extended temperature range, extended quality targets and AEC-Q100 qualification. The SLI 97 provides a set of hardware crypto-coprocessors supporting all relevant crypto schemes and is targeted for Common Criteria EAL 5+ High certification, making it a perfect solution for secure car connectivity.

Product name	**SLI 97CNFX1M00PE** Solid Flash™
Product description	Security controller optimized for automotive M2M applications
Interfaces	ISO 7816, SWP
Memory	1 MByte SOLID FLASH™ 32 kByte RAM
CPU	32-bit
Symmetrical cryptography	3DES, AES up to 256-bit
Asymmetrical cryptography	RSA up to 4096-bit, ECC up to 521-bit
Ambient temperature	-40 to + 105 °C
Delivery forms	MFF2
Typical applications	Automotive M2M
Certification level	CC EAL5+ High

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