

SLM 76CF5120P

SOLID FLASH™ 16-bit Security Controller
Optimized for Industrial M2M Applications in
0.13 μm CMOS Technology

504 kBytes SOLID FLASH™
12 kBytes RAM

Short Product Overview

Mar. 2013



Edition 2013-03

**Published by
Infineon Technologies AG
81726 Munich, Germany**

**© 2013 Infineon Technologies AG
All Rights Reserved.**

Legal Disclaimer

The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics. With respect to any examples or hints given herein, any typical values stated herein and/or any information regarding the application of the device, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation, warranties of non-infringement of intellectual property rights of any third party.

Information


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

SOLID FLASH™: Infineon trademark which stands for security controller using dedicated Flash/EEPROM technologies. The term "Mifare" in this document is only used as an indicator of product compatibility to the corresponding established technology. This applies to the entire document wherever the term is used.

Warnings

Due to technical requirements, components may contain dangerous substances. For information on the types in question, please contact the nearest Infineon Technologies Office.

Infineon Technologies components may be used in life-support devices or systems only with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.

Product name	SLM 76CF5120P 1  SOLID FLASH™
Product description	Security controller with extended specification for M2M applications
Interfaces	ISO 7816
Memory	504 kBytes SOLID FLASH™ + 12 kBytes RAM
CPU	16-bit
Symmetrical cryptography	3DES, AES up to 256-bit
Asymmetrical cryptography	–
Ambient temperature	-40 to + 105 °C
Delivery forms	VQFN-8, P-M2M5.1, die
Typical applications	Industrial M2M, Consumer M2M
Certification level	–

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

¹ SOLID FLASH™: Infineon trademark which stands for security controller using dedicated Flash/EEPROM technologies.

Infineon Technologies – innovative semiconductor solutions for energy efficiency, mobility and security.

