Access Management
Infineon's Product Portfolio

Portfolio

With more than 25 years of experience, Infineon offers a broad portfolio of contactless security memories and contact-based, contactless and dual interface security controllers that cover the range of access control & access management applications. The portfolio varies from the optimized my-d™ product families, some with Mifare compatibility for cost-efficient and basic security physical access control applications up to security controllers with Common Criteria certification for high secure multi-application access management solutions requiring symmetric or asymmetric cryptography.

Featuring cost conscious security applications, my-d™ proximity and CIPURSE™ products are the ideal choice for contactless cards for stored-value loyalty schemes and micro-payment systems.

Infineon's unique offering of microcontrollers are fully compliant with standard High Frequency (HF) interfaces, ISO/IEC 14443 Type A&B, ISO/IEC 15693 and offer Mifare compatibility on the same silicon allowing interoperability with many existing 13.56MHz "prox card" infrastructure worldwide.

Infrastructure Support

To support fast integration into existing infrastructures Infineon offers the security algorithm for implementation in the readers plus recommends SAM (Secure Access Module) as a plug and play module. Infineon EasySAM features a set of security algorithms including my-d™, Mifare compatible, CIPURSE™ along with an integrated key management based on a certified security controller.

NFC Convergence

Access control solutions are requiring more security not only due to the growing overlap between physical and logical access, but also to the need for NFC convergence. Infineon is an innovation leader in NFC, and its products offer support each of the different implementation paths to bring hardware based security directly into mobile devices. For more information please visit also our webpage www.infineon.com/NFC

Evaluation Kits

To accelerate and facilitate the development process, Infineon offers a wide set of fully documented evaluation kits.
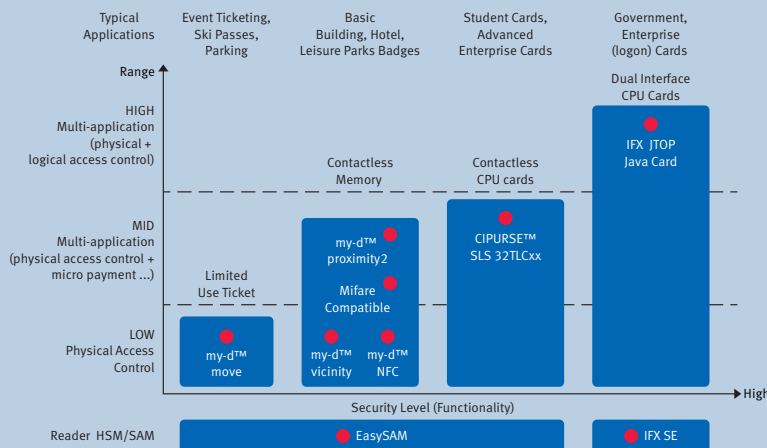
Key Applications

Ticketing & Tickets
- Concert & sport events
- Leisure & theme parks
- Skiing
- Parking
- City services and Events

Badges & Cards
- Loyalty
- Corporate Access Control
- Building Access control
- Airports
- Rental
- Libraries
- Micro payment (ePurse)
- Students cards
- Government cards
- Military cards
- Digital signature

Readers SAM/HSM
- All Access Management Readers

For more information on the Infineon's Access control management portfolio, please see us at:

www.infineon.com/AccessManagement

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Product Ordering Information

Ordering Code	Product	Tools/Doc	Type	Package	Total/User Memory
SP000911428	my-d™ move	Eval1&2	SLE 66R01P_NB	NB, 120µm, sawn	152/128Bytes
SP000875130	my-d™ vicinity plain	Eval1&4	SRF 55V02P_NB	NB, 150µm, sawn	320/224Bytes
SP000927928			SRF 55V02P_MCC2	P-MCC-2-2-1	
SP000245649	my-d™ vicinity plain HC		SRF 55V02PHC_NB	NB, 150µm, sawn	320/224Bytes
SP000657790	my-d™ vicinity secure HC		SRF 55V02SHC_NB	NB, 150µm, sawn	320/224Bytes
SP000606192	my-d™ vicinity plain		SRF 55V10P	NB, 150µm, sawn	1280/992Bbytes
SP000614132	my-d™ vicinity secure		SRF 55V10S	NB, 150µm, sawn	1280/992Bbytes
SP000931882	my-d™ proximity 2	Eval1&5	SLE 66R04S_NB	NiAu bumped	770/576Bytes
SP000470560			SLE 66R04S_MCC2	P-MCC2-2-1	
On request			SLE 66R04S_MCC8	P-MCC8-2-3	
SP000470564			SLE 66R16S_NB	NiAu bumped	2560/2008Bytes
SP000410360			SLE 66R16S_MCC2	P-MCC2-2-1	
SP000671906			SLE 66R16S_MCC8	P-MCC8-2-3	
SP000470568			SLE 66R32S_NB	NiAu bumped	5120/4056Bytes
SP000470574			SLE 66R32S_MCC2	P-MCC2-2-1	
On request			SLE 66R32S_MCC8	P-MCC8-2-3	
SP000892126	SLE 66R35 Mifare compatible 4Byte non unique ID	Eval1&6	SLE 66R35I_NB	NB, 150µm, sawn	1024Bytes
SP000892114			SLE 66R35I_MCC2	P-MCC-2-2-1	
SP000910622			SLE 66R35I_MCC8	P-MCC8-2-6	
SP000907714	SLE 66R35 Mifare compatible 4Byte reused ID		SLE 66R35R_NB	NB, 150µm, sawn	1024Bytes
SP000907630			SLE 66R35R_MCC2	P-MCC-2-2-1	
SP000907732			SLE 66R35R_MCC8	P-MCC8-2-6	
SP000981152	SLE 66R35 Mifare compatible 7Byte UID		SLE 66R35E7_MCC8	MCC8-2-6	1024Bytes
SP000982672			SLE 66R35E7_NB	NiAu bumped, 120µ, sawn	
SP000954520	CIPURSE™ Controller	Eval1&3	CIPURSE™ SLS 32TLCxx_MCC8	P-MCC8-2-6	128KB
SP000547284	EasySAM	Eval7&8	SLF 9620_ID1	ID-1/000 card (mini SIM format)	
SP000949930			SLF 9620_M5.1	T-M5.1-8-1	
SP000949926			SLF 9620_VQFN8	P-VQFN-8-1	
On request	Javacard (card)	Eval1&9	JCLX80JTOP20IDMV3	On request	75KB
SP001025232	HSM secure element	Eval10&11	SLE 97400SE	USON-10	400KB
SP000940774			SLE 97144SD	VQFN-32	144KB

Development Kit Ordering Information

Ordering Code	Tool ID	Evaluation Kit and Samples	Description	Additional Product Documentation
SP000796972	Eval1	Evaluation Kit Contactless	Supporting ISO/IEC 14443 & ISO/IEC 15693 based Infineon products (SLE 66CL(X), SLE 7xCL, CL memories & RFID incl. EasySAM) and includes DUALi DE-620R CL/CB reader plus SW	–
SP000735764	Eval2	my-d™ move	Sample Tickets	Product Brief, SPI, Databook
SP000942974	Eval3	CIPURSE™ Evaluation Kit	Eval Kit supporting CIPURSE™ functionality and includes sample cards &DUALi DE-620R CL/CB reader plus SW	Tool Brief
SP000412206	Eval4	my-d™ vicinity	Sample Inlays	Product Brief, SPI, Databook
SP000660394	Eval5	my-d™M proximity 2	Sample Cards	Product Brief, SPI, Databook
SP000416260	Eval6	Mifare compatible	Sample Cards	Product Brief, SPI, Databook
SP000921418	Eval7	EasySAM evaluation package	Includes the key management software package and scripts, card reader.	–
SP000547284	Eval8	EasySAM	Sample Cards	Product Brief, SPI, Databook
SP000898074	Eval9	Javacard (sample card)	Dual Interface, Javacard 2.2.1, Global Platform 2.1.1, Up to 75KB user memory, Mifare compatible	Docs and Tools available for Download
SP000932228	Eval10	HSM secure element	Applet development toolkit (Javacard dev environment, card reader, 3 sample cards)	JCS-Development Toolkit
On request	Eval11		Samples in various form factors	–

SPI: Short Product Information

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INFORMATION
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