

**SCONE**  
C40

# EMV Payment module Contact interface

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- ✓ FAST
- ✓ RELIABLE
- ✓ FLEXIBLE



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# OVERVIEW SCONE C40

## AVAILABLE MEMORY

Applications and perso 8-40 Kb, 32 Kb for MIR application

## OFFLINE AUTHENTICATION

Data Authentication method DDA, CDA

## CRYPTOGRAPHIC FEATURES

DES/3DES, SHA-1/2, RSA up to 1920 bit, ECC up to 521 bit

## PROTOCOL

ISO/IEC 7816 T=0

## APPLICATIONS

NSPK - MIR 1.1	NSPK - MIR 1.1 Platform ID - 04000186
Mastercard - M/Chip 4 Select v1.1b	CLOA-ALIO141201-151224 (a), expires 25.11.2018
Mastercard - M/Chip Advance 1.2	CLOA-ALIO160701-161222 (a), expires 25.11.2019
VISA -VIS 1.5.4	LBALIO2500, expires 01.06.2018
Digital signature*	CryptoPro CSP compatible
DPFS	Data container (loyalty, medicine, transportation, etc.).
	Secure file system (PIN, DES/3DES)
iPay*	EMV-application for local payment systems

## APPLICATION MANAGEMENT

GlobalPlatform GP 2.2, Secure Channel Protocols SCP02 (i=15), GlobalPIN  
Multi-instance Yes

## CERTIFICATE

Common Criteria CC EAL 5+

## PERSONALIZATION

EMV CPS 1.1 Compatible

\*Optional applications for VISA, Mastercard or iPay products only

## PRODUCT FAMILY

SCONE

SCOne Product	C40	D20/D80
Interface	Contact	Dual interface inductive technology
Offline authentication method	DDA, CDA	DDA, CDA
Mifare emulation	-	Classic 1K or 4K
Available memory (Kbytes)	8 - 40	20 - 95
Cryptographic features	DES/3DES, SHA-1/2, RSA, ECC	DES/3DES, SHA-1/2, RSA, ECC
Financial applications	MIR 1.1, M/Chip 4 Select 1.1b, M/Chip Advance 1.2, VIS 1.5.4	MIR 1.1, M/Chip 4 Select 1.1b, PayPass 1.3.1, M/Chip Advance 1.1, VIS 1.5.4, PayWave (VCPS 2.1.2)
Digital signature	Supported	Supported
Common Criteria	CC EAL 5+	CC EAL 5+
MasterCard M/Chip 4 Select certification	Expires 25.11.2018	Expires 27.11.2017
MasterCard M/Chip Advance certification	Expires 25.11.2019	Expires 29.10.2018
VISA certification	Expires 01.06.2018	Expires 01.06.2018
NSPK certification	Yes	Yes