

# CONVEGO® Join

## Product Information



### JOIN 4.01 DI V14-80D-010

Internal Ref. Nr.	4.25
Status	In Production
Target Market	VISA
Product Line	Join 4.01
Authentication	DDA
Microprocessor	P5CD081 (NXP)
EEPROM	80 k

#### Platform Information

JavaCard Version	JavaCard 2.2.1
Global Platform Version	VCIR2.1.1
Global Platform Features	Delegated Management: no Security Domain DES: yes Security Domain RSA: yes Secure Channel Protocol: 02
Security Features	- RSA_CRT_KeyGen (2048 bit) - RSA_KeyGen_Plain (2048 bit) - RSA_Sign_CRT (2048 bit) - RSA_Sign_Plain (2048 bit) - SEED - SHA 1 - SHA256

#### Applications

##### APPLY LVAA-312

Usage: Loyalty  
 Specifications:  
 Perso Methods:  
 Auth. Method: –

##### VSDC 2.7.1

Usage: EMV  
 Specifications: VIS 1.4.0 & VCPS 2.0.2 (qVSDC) & MSD  
 Perso Methods:  
 Auth. Method: fDDA w/o SDA

#### Protocols & Packages



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Transmission Protocols	- T=0 - T=CL - T=CL (Type A) - Mifare Emulation (1kByte)
Packages	- PDM 1.1 - PDM 1.1-Pd

## **Antenna & Card Body Information**

C-Release	C52.000.02x
Antenna Drawing	E31.019.010.00.39/40
Production Sites (DI)	
Embossing Lines	1,3,4,5 lines

## **Type Approval Information**

TA Number	
Registration Number	LBG&D_1104
ICCN-Number	ICCN0128

## **Certifications**

CC-Evaluation	no
FIPS	no

VALID FROM: 11.10.2013