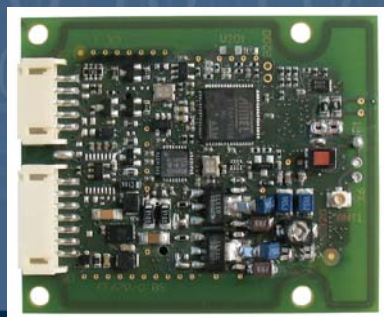


Multi-tag Reader Module with 4 SAM Sockets ID CPR44.02-4S (13.56 MHz)



FEATURES

- Sockets for 4 Security Access Modules (SAM)
- Multi-tag Reader for ISO Tags 14443-A & -B
- Supports NFC Applications (ISO18092)
- RS232-TTL and USB interface
- Operation with integrated or external antenna
- Supports VDV Core Application





RFID Reader Module ID CPR44.02-4S

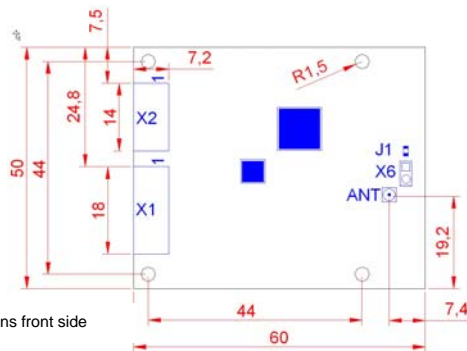
SHORT DESCRIPTION

Order description:

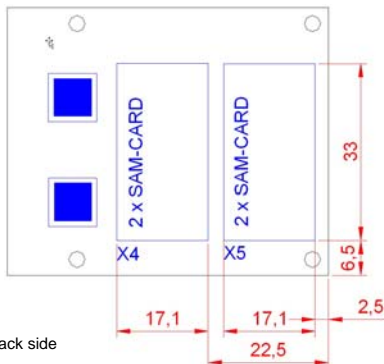
Reader Module with 4 SAM sockets ID CPR44.02-4SCUSB

The Reader Module ID CPR44.02-4SCUSB is designed for contactless data exchange with passive ISO14443-A and – B compliant transponders as well as for communication with NFC devices (ISO 18092). It supports mifare® classic Security.

The small dimensions and both alternatively usable interfaces (RS232-TTL and USB) allow an easy installation into terminals, housings and other devices.



Dimensions front side



Dimensions back side

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
Stand of information: November 2009.

TECHNICAL DATA

Dimensions (W x H x D)	50x60x13.8 mm (1.96x2.36x0.54inch)
Weight	19 g +/- 3 g
Operating frequency	13.56 MHz
RF transmitting power	400 mW +/- 2 dB
Supply voltage	5 V DC +/- 5%
Current consumption	typ. 300 mA
Supported transponders	ISO 14443-A ₁ ISO 14443-B ₂ NFC ₃
Antenna	integrated, 48 x 58 mm An external antenna can be connected by using an U.FL plug
Host interfaces	RS232-TTL (4.800 up to 230.400 Baud) USB Full-Speed (12 Mbit/s)
Digital outputs	3
Contact interfaces	4x SAM socket for ID000 format - T=0 and T=1 protocol - For 1,8V, 3V and 5V Smart Cards
MTBF	500.000 h
Temperature range	
Operation	-25 °C up to 70 °C
Storage	-40 °C up to 85 °C
Relative air humidity	0 up to 95 % (non-condensing)
USB driver	OBID® USB driver for Windows® 2000 SP4, Windows® Server 2003, Windows® Server 2008, Windows® XP SP2, Vista® Windows® CE for several platforms on request
Operation mode	Polling Mode
EEPROM	1 x 10 ⁶ write cycles
FLASH	Firmware Update possible while application is running
<p><small>1 e.g. mifare® classic (mini,1k,4k), mifare® UltraLight, mifare® DESfire, Smart MX, my-d® proximity, SLE44R35S, SLE55R..., etc.; Jewel™</small></p> <p><small>2 e.g. SLE66CL, ST19XR34, SRI4K, SRIX4K, SRI512, SR176, RF360 etc.</small></p> <p><small>3 NFC Type 1, 2 and 4 in Read/Write and NFC Card Emulation Mode</small></p>	
STANDARD CONFORMITY	
Radio license	
Europe	EN 300 330
EMC	EN 301 489
Safety	
Low voltage	EN 60950
Human Exposure	EN 50364
Environment	RoHS – 2002/95/EC WEEE – 2002/96/EC