

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

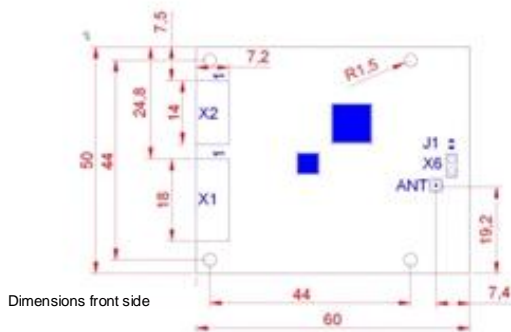
SHORT DESCRIPTION

Order description:

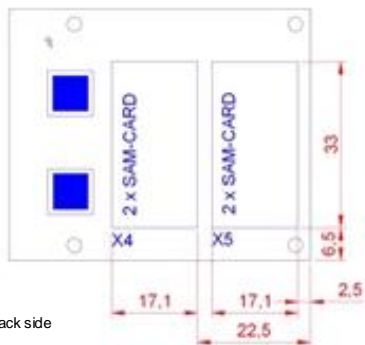
Reader Module with 4 SAM sockets ID CPR44.02-4SCUSB

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>¹ e.g. mifare[®] classic (mini,1k,4k), mifare[®] UltraLight, mifare[®] DESfire, Smart MX, my-d[®] proximity, SLE44R35S, SLE55R..., etc.; Jewel[™]</p> <p>² e.g. SLE66CL, ST19XR34, SRI4K, SRIX4K, SRI512, SR176, RF360 etc.</p> <p>³ NFC Type 1, 2 and 4 in Read/Write and NFC Card Emulation Mode</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 |