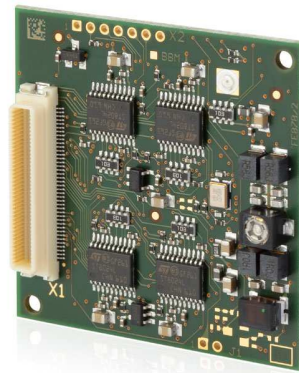


HF Multi Standard Compact Module

ID CPR60 – the tiny all-rounder from FEIG



The ID CPR60 is a 4 x 4 cm small RFID reader that supports contactless smart cards and transponders according to ISO 14443 A / B and ISO 15693. It also offers 4 interfaces for connecting contacting units for communication with ISO 7816 smart cards and is therefore suitable for electronic tickets (eTickets) in local and long-distance traffic (VDV-KA).

The ID CPR60 reader module was developed for integration in terminals, printers, handheld devices, etc. Own 50-ohm antennas can be connected variably and enable flexible use of the module in individual applications.

If required, the module can be expanded to include other standards such as ISO 18000-3M3 or NFC peer-to-peer (P2P; Passive Initiator Mode) in accordance with ISO / IEC 18092.

Accustomed handling and high functionality

A USB interface, a serial interface (RS232-LVTTL) and an SPI interface are available for host communication. The ID CPR60 offers a standby mode to reduce power consumption to a minimum and can be woken up in two ways. Either you hold a transponder (smart card) in the reading field of the antenna (wake-up-by-card) or you wake the module via an external digital input (wake-up contact).

The architecture of the ID CPR60 is based on the well-known CPR family from FEIG. This makes the device compatible with all other CPR products in terms of functionality and interface protocol and e.g. just as powerful as the larger module ID CPR74.

In addition to the CPRStart software for demonstration and configuration of the reading functions and the firmware update tool, numerous SDKs and drivers are available to support easy integration into the customer application.

A development board is also available for developers to test functions and program interfaces and applications. The board provides an antenna, 3 SAM sockets (ID-000), a smart card connector (ID-1) and common connectors for the USB, SPI and RS232 interfaces.