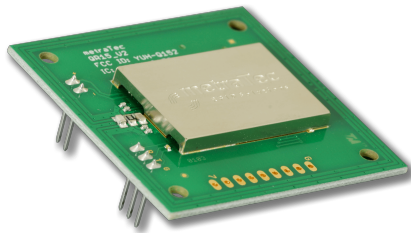


QR15 HF RFID Plugin Module

Art. no.:
22003165



- Integrated Antenna
- Easy Integration
- 70 mm Read Range

QR15 HF RFID Plugin Module

The QR15 is an RFID reader module for all applications where RFID tags that work according to ISO15693 (like ICode, Tag-It, and many more) have to be scanned with a small and cost-effective module. With the integrated antenna, a read range of up to 70 mm is possible.

The small module can be easily integrated into your own board and gives you exceptional performance (up to 100 tag reads/sec) without the need to develop your own firmware and RF electronics. The module communicates via a UART connection with almost any microcontroller as well as various converter chips.

Using this plugin module gives you proven hard- and firmware with an unbeatable time to market. The module has a modular approval for FCC/IC certification and ETSI measurements are also available on request. For the quickest start to a new project, we suggest our QR15 Embedded RFID Starter Kit.

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QR15 HF RFID Plugin Module

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Technical Specification

Operating Principle	ISO15693 RFID Embedded Module
Operating Frequency	13.56 MHz (worldwide)
Antenna Connector	50 x 50 mm integrated loop antenna
Output Power	200 mA
Read Range	up to 70 mm
Supported Protocols	ISO15693 incl. all custom commands
Antenna Connector	3V3 UART (115,200 Baud)
Operating Voltage	5V DC
Power Consumption	idle: 15 mA, RF on: max. 120 mA
Temperature Range	-20 Â°C to +70 Â°C
Dimensions	50 x 50 mm / 2 x 2 inch

About Metratec

Metratec develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

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