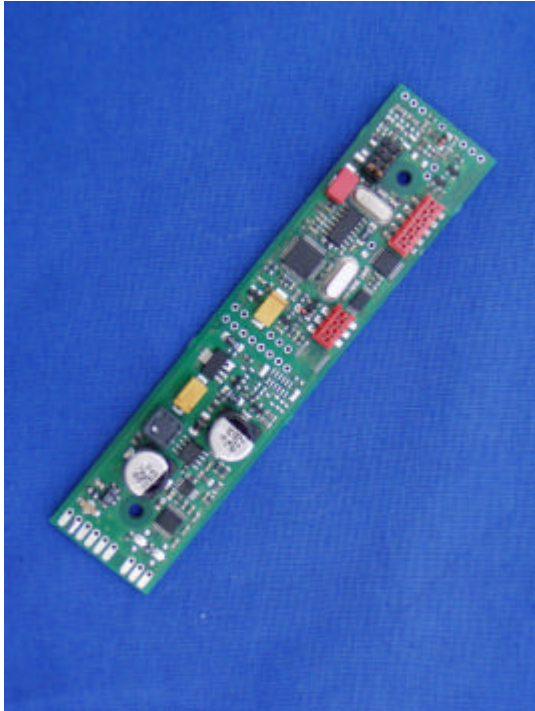


OEM – Read / Write Module

small PCB boards to put RFID technology into own applications



Transponder Reader / Writer Module STK-5000

- multi standard module for customer-specific applications available with two different operating frequencies: 125 kHz or 134.2 kHz
- multi-Tag compatible ¹⁾ (software support of the most common TAGs)
125 kHz version:
Philips Hitag1,
EM V4002 (Unique), EM V4050 (Titan)
134.2 kHz version :
FDX-B, Unique
- software update possible (Flash memory)
- selectable capacitors for tuning to use different antenna cable length
- power supply interface
- interfaces : RS232, TTL
- different types of antennas available
- CE and radio approval in preparation



Technical Data

Dimensions:	(l x w x h) (127 x 28 x 13) mm
Power supply:	4 to 12V DC
Current consumption:	< 200mA
Transmission frequency:	125KHz / 134.2 kHz
Antenna:	for example SAT-A1 (see chapter attachments)
Interface:	serial, asynchronous, 2400,4800,9600,19200 Baud; RS232, TTL
Operating temperature:	-10°C to 50°C

¹⁾ For details of supported transponder modes and functions, please refer to scemtec STX – ETX protocol specification.

Order Information

Reader/Writer Module STK-5000 Order-No.: 100.5000

Specifications are subject to change without notice