

OMNIKEY® 5513 Plug&Play MIFARE® Easy Reader Board

HF MIFARE® Easy Short Range RFID Reader
13.56MHz

Description

The OMNIKEY 5513 HF MIFARE® Easy Reader Board Compact is a contact less proximity read/write device that supports various RFID-devices out if the MIFARE® family and the ISO14443A standard. The module comes with an integrated and optimized antenna for a quick and easy integration into applications. By using the serial interface the device easily can be connected to a controller or any host system. The form factor enables a design in even into very compact systems.

Datasheet



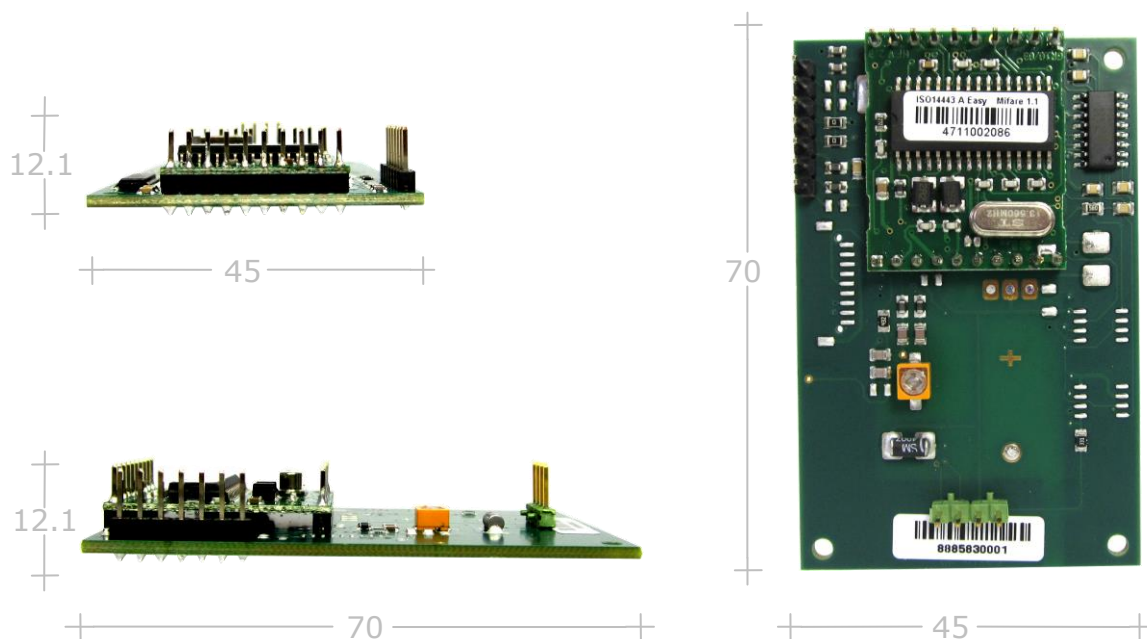
Technical data

Operating Frequency	13.56MHz
Weight	16g ± 10%
Power Supply	5VDC ± 10% regulated
Power Consumption	150mA
	<10mA at power down mode
Reading distance	up to 85mm, depending on tag and antenna
RF Transmission Speed	106kbit/s
Antenna	integrated
Input/Output Connector	2 status indicator LED lines, 1 I/O-Port
Operation Temperature	-20°C to +80°C -4F to +176F
Storage Temperature	-40°C to +85°C -40F to +185F
Communication Interface	RS232
Firmware Version	1.0
Approvals/Compliances	EN 300-330, CE, FCC Part 15, RoHS compliant
MTBF	200.00h

Communication Parameters

Communications Protocol	Specific ASCII and Binary Protocol
Communications Parameter	9600bit/s to 57600bit/s, 8, N, 1
S/W Driver	Virtual COM-Port, API-DLL
Firmware Boot-Loader	no

Dimension



Supported Tag-ICs | HF MIFARE® Easy 13.56MHz

MIFARE® Standard	SLE66R35	ISO14443A Tags
MIFARE® Classic 4k	SLE44R35	
MIFARE® Pro X		
MIFARE Ultralight®		
MIFARE® DESFire® (Serial No. only)		

Supported Standards

HF MIFARE® Easy 13.56MHz	ISO14443A
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more product details at: **RFID | NFC**
webshop
www.rfid-webshop.com