

HF Dual ISO Short Range USB Plug & Play Module



The HF Dual ISO Short Range USB Plug & Play Module is a contact less proximity read / write device that, with its interoperability capability, supports various ISO14443A and ISO14443B RFID-devices, including the whole MIFARE® family. The module has a built in antenna. By using the USB 2.0 interface the device can be connected to a PC or any other host system easily. An integrated SAM Socket enables a state of the art security level. This RFID read / write unit is optimized for maximum data throughput rates on both,

the air interface as well as the serial interface. The built in boot-loader enables firmware field upgrades via the USB interface.

Technical Data

RF Transmit Frequency	13.56MHz		
Standards Supported	ISO14443A, ISO14443B		
Tags Supported	MIFARE® Standard MIFARE® 4k MIFARE® Pro MIFARE® Ultralight MIFARE® DESFIRE MIFARE® SmartMX	SLE 55Rxx SLE 66CL160S SLE 66CLX320P SR176 SRIX4K	ISO14443A Tags ISO14443B Tags Juwel Tag (IRT0302B11 KSW DIY Eng. Sample) Sharp B ASK GTML2ISO
Host Communication	Point-to-Point		
Communications Interface	USB 2.0		
Communications Protocol	Specific ASCII or Binary Protocol		
Communications Parameter	9600 Bit/s to 460 kBit/s, 8,N,1		
SW Driver	Virtual COM port Driver, DLL (VC++), PC/SC Driver for Windows 2000/XP		
Firmware Bootloader	Supported via USB Interface		
Power Supply	Via USB Interface		
Current Consumption	Approx. 200 mA, < 1mA at power down mode		
Reading distance	up to 95 mm, depending on tag and antenna		
RF Transmission Speed	up to 848 kBit/s		
Antenna	Integrated		
Input/Output Connector	Read indicator LED, 1 I/O Port, SAM Interface		
Size (LxWxH)	117 x 67 x 15 mm ± 1,0mm / 4,60 x 2,64 x 0,59 Inch ± 0,04 Inch		
Weight	32g ± 10% / 0,07 lb ± 10%		
Operating Temperature	0°C to +70°C / 32F to + 158F		
Storage Temperature	-40°C to +85°C / - 40F to + 185 F		
Approvals	ETS 300-330, CE		
Order code	AXC122		

Datenblatt Datasheet

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