

ISO CF Card Reader 14443A/B and 15693



The Multi ISO CF Card Module is a highly integrated contact less short range read write device that supports the whole MIFARE® family, ISO14443A, ISO14443B, ISO 15693, ISO 18000-3 and EPC RFID devices. The module has a built in antenna. It fits into CF card slots and via an adapter also into PCMCIA slots of any kind of mobile device. The integrated technology 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 serial interface.

Technical Data

RF Transmit Frequency	13.56 MHz		
Supported Standards	ISO 14443A/B, ISO 15693, ISO 18000-3, ICODE		
	MIFARE® Standard MIFARE® 4k MIFARE® Pro X MIFARE® Ultralight MIFARE® DESFIRE MIFARE® SmartMX I-CODE SLI (SL2 ICS 20) I-CODE EPC (SL2 ICS 10) I-CODE UID (SL2 ICS 11) I-CODE	SLE 55Rxx SRF55VxxP +S SLE 66CL160S SLE 66CLX320P SR176 SRIX4K LRI 12 LRI 64 LRI 512 EM4135 KSW Temp Sense	Tag-it HF-I Tag-it HF-I Light S Jewel Tag (IRT0302B11 KSW DIY Eng. Sample) Sharp B ASK GTML ASK GTML2ISO TOSMART P064 ISO14443A Tags ISO14443B Tags ISO15693 Tags
Supported Tag-ICs			
Communications Interface	CF Card Interface		
Communications Protocol	Specific ASCII or Binary Protocol		
Communications Parameter	9600 Bit/s to 115kBit/s, 8, n, 1		
Firmware Boot-Loader	Yes		
Software Driver	API DLL, no Driver required		
Power Supply	Via CF Card Interface		
Current Consumption	200 mA in active mode max. 310 mA <65 mA Antenna off <1µA in disconnected mode		
Reading distance	Up to 60 mm / 2,36 Inch, depending on tag		
RF Transmission Speed	Up to 848 kBit/s		
Antenna	Integrated aircoil		
Size	(LxWxH) 43.0x84.0x7.0mm / 1.69x3.31x0.02Inch		
Weight	21g ± 10% / 0.046 lb ± 10%		
Operating Temperature	0°C to +70°C / +32F to +158F		
Storage Temperature	-20°C to +85°C / -4F to +185F		
Approvals	ETS 300-330, CE, FCC pending		
Part Number	AXB812		

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