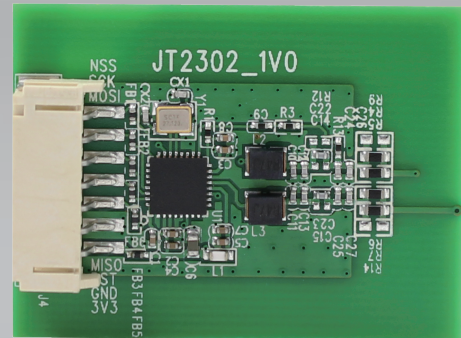
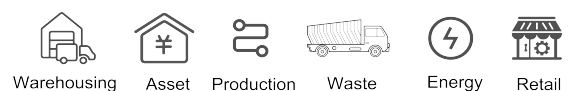


JT-2302



JT-2302A

JT-2302/JT-2302A



HF RFID Module (13.56MHz)

JT-2302/JT-2302A HF RFID module is a professional-grade, high-performance all-in-one module. It adopts an integrated design of module and antenna to facilitate quick integration for users. The module supports ISO 14443A protocols. It can identify IC cards and read designated data blocks. When the IC card is close to the module antenna, the module will read the specified data block.

SPECIFICATIONS(JT-2302)

RFID PARAMETERS	
Frequency	13.56MHz
Protocol	ISO 14443A
Reading distance	0-3cm(related to tag and environment)
Communication interface	UART 3.3V TTL
RS232 baud rate	115200 bps no parity, 8 data bits, 1 stop bit
Power supply	DC 5V
Working current	100mA
Stand-by current	40mA
USE ENVIRONMENT	
Operating Temp.	-20° C ~60° C
Storage Temp.	-30° C ~70° C
Humidity	5-90% non-condensing (+25° C)
PHYSICAL PARAMETERS	
Dimensions	40(L)*30(W)mm
Net weight	Around 10g

I/O DEFINITION

NO.	NAME	DEFINITION
1	5V	Module 5V power input
2	GND	Ground
3	TX1	Serial port TX output (3.3V TTL level)
4	RX1	Serial port RX input (3.3V TTL level)

SPECIFICATIONS(JT-2302A)

RFID PARAMETERS	
Frequency	13.56MHz
Protocol	ISO 14443A
Reading distance	0-3cm(related to tag and environment)
Communication interface	SPI
RS232 baud rate	115200 bps no parity, 8 data bits, 1 stop bit
Power supply	DC 3.3V
Working current	100mA
Stand-by current	40mA
USE ENVIRONMENT	
Operating Temp.	-20° C ~60° C
Storage Temp.	-30° C ~70° C
Humidity	5-90% non-condensing (+25° C)
PHYSICAL PARAMETERS	
Dimensions	40(L)*30(W)mm
Net weight	Around 10g

PIN DEFINITION

NO.	NAME	DEFINITION
1	NSS	SPI-NSS
2	SCK	SPI-SCKS
3	MOSI	SPI-MOSI
4	RST	Reset
5	GND	Ground
6	3V3	Power 3.3V

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