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For more details and mass production purchase, visit www.reyax.com

Introduction

REYAX RR10 is a high performace RFID module that use REYAX RR10 core and design it base on the RFID 13.56MHz protocol.

We will provide one Mifare ultralight ISO14443A tag with the module for development easier.

Application

≡Inventory Control

≡Access Control

≡Data Exchange

≡E-Ticketing for events

≡Public transport

≡PC access

≡Authentication

≡Production equipments ≡Factory Automation

≡VIP Membership Card Management Systems

≡Library Management Systems

≡Industrial Automation Applications

Specification

Frequency: 13.56MHz±7KHz
Operating Voltage: 2.5V~5.5V
Idle Current: 3mA
Scan Current: 100~120mA
Temperature Range: -40°C ~ +85°C
Control Interface: RS-232

Antenna : PCB loop Antenna Dimensions : 103mm*65mm*10mm Standards/Certification : RoHS Compliant

Support Tag ICs Support ISO 14443A

Mifare Ultralight MF0 IC U1X (64 Byte)

Support ISO 14443B

ST SRI4K (512 Byte), ST SRIX4K (512 Byte), Atmel AT88RF020, Atmel AT88SC3216CRF

Support ISO 15693

NXP I-Code SLI (1024 bit), Tag-itTM HF-I Standard (256 bits), Tag-itTM HF-I Pro (256 bits), Tag-itTM HF-I Plus (2k bits), Fujitsu FerVIDTM family MB89R118 (2048 byte), Fujitsu FerVIDTM family MB89R119 (256 byte), MStar MSR3200 Lyra (1024 bits)

Document Contents

*you can download all documents from our website

http://www.reyax.com/httpdocs/index.files/RFID_Module.htm

Hardware datasheet

RR10_Programming_Guide

Windows demo program

C# application program source code

Linux application program source code

WinCE application program source code

Pin Description

Pin	Name	Input/Output	Description
1	NC		
2	TXD	Output	Standard RS-232 TXD
3	RXD	Input	Standard RS-232 RXD
4	NC		
5	NC		
6	GND	Ground	Ground
7	GND	Ground	Ground
8	NC		
9	VDD	Power	Power supply

Specification

Parameter	Min.	Тур.	Max.	Unit	Note
Frequency	13.553	13.56	13.567	MHz	
Operating Voltage	3.5	5	6	V	
Idle Current		14		mA	
Scan Current	100	110	140	mA	

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Questions and answers about this item No questions or answers have been posted about this item.

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