

RYRR20W

RF operator Description



- Operational Description:

FCC ID: 2BKAFRYRR20W

The device RYRR20W is a RFID module, it supports 13.56MHz.
The device designated with the following general information and technical.

Product Specifications

Modulation Type: ASK/OOK
Number of Channels: 1 Channel [13.56MHz]

Main chipset

- TI MSP430F2370IRHAR
- TI TRF7970A
- Inscore ISX32S4-114-18-13.560 13.56MHz

Antenna information:

Manufacture: REYAX
Model Name: RYRR20W_ANT
Antenna Type: External PCB antenna
Antenna Gain: -0.15dBi

- Operating Specification:

Item	Min.	Typical	Max.	Unit	Condition
Operation Voltage	4.7	5	6	V	VDD
RS-232 Interface Hi level		+5.4		V	
RS-232 Interface Low level		-5.4		V	
Indicator,/RTS/NMI Interface level		3.3V			
RF Output Power		17		dBm	
RF transmit current			63	mA	
Communication Range		4		cm	REYAX Standard card(ID-1)
RESET_N low duration		100		ms	
Baud Rate		19200		bps	8,N,1
RF Frequency Range	13.553	13.56	13.567	MHz	
Operating Temperature	-40	25	+85	°C	
Humidity			90	%	non condensing
Antenna					External PCB Antenna
RF Cable Length		11		cm	

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