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ISM band FSK receiver Module

The RMF-600U series ISM band data receiver is an ideal design module used for wireless sign board, Car Security System, and Remote controller, etc.

Main Function

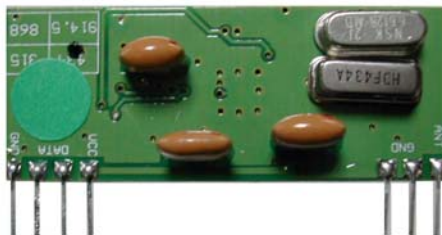
- Complete with 2 crystals and 3 Filter design
- Frequency Band: 315/434/868/915MHz
- Any 2 Lever formats
- Data rate from 300bps to 10Kbps.
- Include AGC circuit (Auto Gain Controller)
- High sensitivity up to -100 dBm
- Low power consume
- Wide operate temperature from -20°C -- +70°C
- Small size



Module size 44 X 17 X 5 mm

Specification

Description	Part No: RMF-600U
Frequency stability	30ppm at 25°C
Operation frequency	315MHz, 434MHz, 868MHz, 915MHz.
Data Rate	300bps to 10Kbps.
Modulation	FSK NRZ (non return to zero).
Channel spacing	100Khz.
Sensitivity	-100dBm at 434MHz/1200bps
Working Voltage	DC 3V ± 10%
Power consumption	9mA/hrs /stand-by 1 uA
Working temperature range	-20 to +70°C
Module Size	44mm X 17mm X 5mm.
Weight	4 grams.



Pin Description

Pin Number	Name	Description
1	GND	Ground
2	Date	Received data output
3	Data	Same with Pin#2
4	VCC	Power supply DC + 3V
5	GND	Ground
6	GND	Ground
7	ANT	Antenna Input

Pin Lead size: 2.54mm 7 pin single

PCB Size and Pin Assignment

