



Image may be representation.
See specifications for product details.



RN4870-I/RM130

Manufacturer Part Number	RN4870-I/RM130
Manufacturer	Microchip Technology
Allelco Part Number	32D-RN4870-I/RM130
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	RF TXRX MOD BLUETOOTH CHIP SMD
Package	33-SMD Module
Data sheet	RN4870,71 User Guide.pdf RN4870,71 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

RN4870-I/RM130 - Microchip Technology. New Original in Stock. Download Linear Technology RN4870-I/RM130 datasheet/specifications on AllelcoElec.com. Request a quote for RN4870-I/RM130, please send us email: info@allelco.com

Specifications

RN4870-I/RM130 Tech Specifications

RN4870-I/RM130 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	1.9V ~ 3.6V	Mounting Type	Surface Mount
Utilized IC / Part	RN4870	Modulation	GFSK
Series	-	Memory Size	256kB Flash, 32kB ROM, 24kB SRAM
Serial Interfaces	I ² C, AIO, PIO, PWM, SPI, UART	Frequency	2.4GHz
Sensitivity	-90dBm	Firmware Version	1.3.0
RF Family/Standard	Bluetooth	Data Rate	10kbps
Protocol	Bluetooth v5.0	Current - Transmitting	13mA
Power - Output	0dBm	Current - Receiving	13mA
Package / Case	33-SMD Module	Base Product Number	RN4870
Package	Tray	Antenna Type	Integrated, Chip

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology RN4870-I/RM130

Product Attribute				
Part Number	RN4870-I/RM130	RN4871-V/RM118	RN4871-I/RM130	RN47A3
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	TAEC Product (Toshiba Electronic Devices and Stora
Frequency	2.4GHz	2.4GHz	2.4GHz	-
Data Rate	10kbps	-	10kbps	-
Protocol	Bluetooth v5.0	Bluetooth v5.0	Bluetooth v5.0	-
RF Family/Standard	Bluetooth	Bluetooth	Bluetooth	-
Antenna Type	Integrated, Chip	Integrated, Chip	Integrated, Chip	-
Current - Transmitting	13mA	13mA	13mA	-
Modulation	GFSK	GFSK	GFSK	-
Power - Output	0dBm	0dBm	0dBm	-
Base Product Number	RN4870	RN4871	RN4871	-
Serial Interfaces	I ² C, AIO, PIO, PWM, SPI, UART	UART	I ² C, AIO, PIO, PWM, SPI, UART	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Firmware Version	1.3.0	1.1.8	1.3.0	-
Sensitivity	-90dBm	-90dBm	-90dBm	-
Utilized IC / Part	RN4870	-	RN4871	-
Operating Temperature	-40°C ~ 85°C	-20°C ~ 70°C	-40°C ~ 85°C	-
Memory Size	256kB Flash, 32kB ROM, 24kB SRAM	-	256kB Flash, 32kB ROM, 24kB SRAM	-
Package	Tray	Tray	Tray	-
Series	-	-	-	-
Package / Case	33-SMD Module	16-SMD Module	16-SMD Module	-
Current - Receiving	13mA	13mA	13mA	-
Voltage - Supply	1.9V ~ 3.6V	1.9V ~ 3.6V	1.9V ~ 3.6V	-

RN4870-I/RM130 Datasheet PDF

Download RN4870-I/RM130 pdf datasheets and Microchip Technology documentation for RN4870-I/RM130 - Microchip Technology.

Datasheets

[RN4870,71 User Guide.pdf](#)



















[RN4870,71 Datasheet.pdf](#)

PCN Packaging

PCN Design/Specification

Customers Also Interested in

Recommended Products

 RN47A3 TAEC Product (Toshiba Electronic Devices and Stora	 RN4871-V/RM118 Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	 RN4902(TE85L) TAEC Product (Toshiba Electronic Devices and Stora	 RN47A6 TAEC Product (Toshiba Electronic Devices and Stora	 RN47A4(T5LFT) TAEC Product (Toshiba Electronic Devices and Stora	 RN4901(T5LND,F) TAEC Product (Toshiba Electronic Devices and Stora
 RN47A7JE TAEC Product (Toshiba Electronic Devices and Stora	 RN47A5JE TAEC Product (Toshiba Electronic Devices and Stora	 RN4903 TAEC Product (Toshiba Electronic Devices and Stora	 RN47A3JE TAEC Product (Toshiba Electronic Devices and Stora	 RN47A4 TAEC Product (Toshiba Electronic Devices and Stora	 RN4901 TAEC Product (Toshiba Electronic Devices and Stora
 RN4871-I/RM130 Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	 RN4902 TAEC Product (Toshiba Electronic Devices and Stora	 RN47A4(T5L,F,T) TAEC Product (Toshiba Electronic Devices and Stora	 RN47A4JE TAEC Product (Toshiba Electronic Devices and Stora	 RN4902FE TAEC Product (Toshiba Electronic Devices and Stora	 RN47A5 TAEC Product (Toshiba Electronic Devices and Stora

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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