



Image may be representation.
See specifications for product details.



RN4020-V/RM120

Manufacturer Part Number	RN4020-V/RM120
Manufacturer	Microchip Technology
Allelco Part Number	32D-RN4020-V/RM120
ECAD Model	Request Free CAD Models
Parts Description	RF TXRX MODULE BT TRC ANT SMD
Package	Module
Data sheet	RN4020.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

RN4020-V/RM120 - Microchip Technology. New Original in Stock. Download Linear Technology RN4020-V/RM120 datasheet/specifications on AllelcoElec.com.
Request a quote for RN4020-V/RM120, please send us email: info@allelco.com

Specifications

RN4020-V/RM120 Tech Specifications
RN4020-V/RM120 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-30°C ~ 85°C
Voltage - Supply	1.8V ~ 3.6V	Mounting Type	Surface Mount
Utilized IC / Part	-	Modulation	GFSK
Series	-	Memory Size	64kB Flash
Serial Interfaces	AIO, PIO, SPI, UART	Frequency	2.4GHz
Sensitivity	-92.5dBm	Firmware Version	1.2
RF Family/Standard	Bluetooth	Data Rate	1Mbps
Protocol	Bluetooth v4.1	Current - Transmitting	16mA
Power - Output	7.5dBm	Current - Receiving	16mA
Package / Case	Module	Base Product Number	RN4020
Package	Tray	Antenna Type	Integrated, Trace

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology RN4020-V/RM120

Product Attribute				
Part Number	RN4020-V/RM120	RN4020-V/RM123	RN4020-V/RM	RN412ESTTE50F2.2
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	KOA
Antenna Type	Integrated, Trace	Integrated, Trace	Integrated, Trace	-
RF Family/Standard	Bluetooth	Bluetooth	Bluetooth	-
Current - Transmitting	16mA	16mA	16mA	-
Firmware Version	1.2	1.23	1.10.09	-
Current - Receiving	16mA	16mA	16mA	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Memory Size	64kB Flash	64kB Flash	64kB Flash	-
Utilized IC / Part	-	-	-	-
Protocol	Bluetooth v4.1	Bluetooth v4.1	Bluetooth v4.1	-
Operating Temperature	-30°C ~ 85°C	-30°C ~ 85°C	-30°C ~ 85°C	-
Series	-	-	-	-
Modulation	GFSK	GFSK	GFSK	-
Base Product Number	RN4020	RN4020	RN4020	-
Power - Output	7.5dBm	7.5dBm	7.5dBm	-
Voltage - Supply	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	-
Frequency	2.4GHz	2.4GHz	2.4GHz	-
Package / Case	Module	Module	Module	-
Package	Tray	Tray	Tray	-
Data Rate	1Mbps	1Mbps	1Mbps	-
Sensitivity	-92.5dBm	-92.5dBm	-92.5dBm	-
Serial Interfaces	AIO, PIO, SPI, UART	AIO, PIO, SPI, UART	AIO, PIO, SPI, UART	-

RN4020-V/RM120 Datasheet PDF

Download RN4020-V/RM120 pdf datasheets and Microchip Technology documentation for RN4020-V/RM120 - Microchip Technology.

Datasheets

RN4020.pdf

PCN Packaging

2.73KHz.pdf

PCN Design/Specification

RN4020 16/Jun/2022.pdf

RN4020x 23/Mar/2023.pdf

Customers Also Interested in

Recommended Products

RN412ESTTE50F2.2	RN412HTTE121J200	RN412ESTTE	RN412ESTTE4751B25	RN412ESTTE2001F50	RN4020-V/RM123
KOA	KOA	KOA Speer Electronics, Inc.	KOA	KOA	Microchip Technology RF TXRX MODULE BT TRC ANT SMD
RN412ESTTER22J50	RN412HTTE122J200	RN412ESTTE3482F50	RN412ESLTE3323F50	RN412ESTTE1212F50	RN412ESTTE50
KOA	KOA	Electro-Films (EFI) / Vishay	KOA	KOA	KOA Speer Electronics, Inc.
RN412DTTE50F	RN4020-V/RM	RN412ESTTE50F	RN412ESTTE5623F50	RN41 2ES TTE 7500 F50	RN412ESTTE1803F50
KOA	Microchip Technology RF TXRX MODULE BT TRC ANT SMD	KOA Speer Electronics, Inc.	KOA	Koa Corp.	KOA

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

Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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