



Image may be representation.  
See specifications for product details.



## MRF49XAT-I/ST

Manufacturer Part Number	<b>MRF49XAT-I/ST</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MRF49XAT-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC RF TXRX ISM<1GHZ 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MRF49XAT-I/ST - Microchip Technology. New Original in Stock. Download Linear Technology MRF49XAT-I/ST datasheet/specifications on AllelcoElec.com. Request a quote for MRF49XAT-I/ST, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MRF49XAT-I/ST Tech Specifications

MRF49XAT-I/ST - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	2.2V ~ 3.8V	Operating Temperature	-40°C ~ 85°C
Type	TxRx Only	Mounting Type	Surface Mount
Supplier Device Package	16-TSSOP	Modulation	FHSS, FSK
Series	-	Memory Size	-
Serial Interfaces	SPI	Frequency	433MHz, 868MHz, 915MHz
Sensitivity	-112dBm	Data Rate (Max)	256kbps
RF Family/Standard	General ISM < 1GHz	Current - Transmitting	15mA ~ 24mA
Protocol	-	Current - Receiving	11mA ~ 13mA
Power - Output	7dbm	Base Product Number	MRF49XA
Package / Case	16-TSSOP (0.173', 4.40mm Width)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MRF49XAT-I/ST

Product Attribute				
Part Number	MRF49XAT-I/ST	<b>MRF49XA-I/ST</b>	<b>MRF5035</b>	<b>MRF545</b>
Manufacturer	Microchip Technology	Microchip Technology	MOTOROLA	Microsemi Corporation
RF Family/Standard	General ISM < 1GHz	General ISM < 1GHz	-	-
Modulation	FHSS, FSK	FHSS, FSK	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-	-
Supplier Device Package	16-TSSOP	16-TSSOP	-	TO-39
Mounting Type	Surface Mount	Surface Mount	-	Through Hole
Type	TxRx Only	TxRx Only	-	-
Current - Transmitting	15mA ~ 24mA	15mA ~ 24mA	-	-
Frequency	433MHz, 868MHz, 915MHz	433MHz, 868MHz, 915MHz	-	-
Base Product Number	MRF49XA	MRF49XA	-	-
Memory Size	-	-	-	-
Series	-	-	-	-
Serial Interfaces	SPI	SPI	-	-
Sensitivity	-112dBm	-112dBm	-	-
Data Rate (Max)	256kbps	256kbps	-	-
Current - Receiving	11mA ~ 13mA	11mA ~ 13mA	-	-
Protocol	-	-	-	-
Power - Output	7dbm	7dbm	-	-
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	-	TO-205AD, TO-39-3 Metal Can
Package	Tape & Reel (TR)	Tube	-	Bulk
Voltage - Supply	2.2V ~ 3.8V	2.2V ~ 3.8V	-	-

## MRF49XAT-I/ST Datasheet PDF

Download MRF49XAT-I/ST pdf datasheets and Microchip Technology documentation for MRF49XAT-I/ST - Microchip Technology.

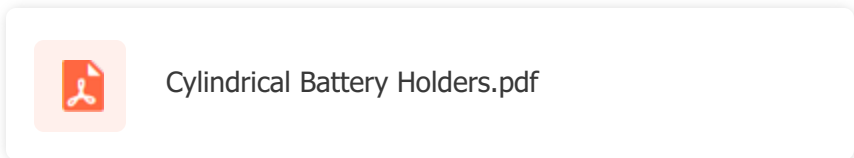
### Datasheets

[Cylindrical Battery Holders.pdf](#)

### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)



**Customers Also Interested in**

**Recommended Products**

<b>MRF5035</b> MOTOROLA	<b>MRF545</b> Microsemi Corporation RF TRANS PNP 70V 1.4GHZ TO39	<b>MRF49XA</b> Micrel / Microchip Technology	<b>MRF497</b> AMI Semiconductor/onsemi	<b>MRF455R</b> Aeroflex (MACOM Technology Solutions)	<b>MRF448</b> MACOM Technology Solutions RF TRANS NPN 50V 211-11
<b>MRF5007</b> MOTOROLA	<b>MRF454</b> MACOM Technology Solutions RF TRANS NPN 18V 211-11	<b>MRF5015</b> NO IGBT Module	<b>MRF455</b> MACOM Technology Solutions RF TRANS NPN 18V 211-07	<b>MRF515</b> MOTOROLA	<b>MRF49XA-I/ST</b> Microchip Technology IC RF TXRX ISM<1GHZ 16TSSOP
<b>MRF492</b> MOTOROLA	<b>MRF5142</b> RFMD	<b>MRF475</b> MOTOROLA	<b>MRF544</b> Microsemi Corporation RF TRANS NPN 70V 1.5GHZ TO39	<b>MRF5003</b> FSL	<b>MRF5147</b> RFMD

**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**

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