



Image may be representation.
See specifications for product details.



MICRF221AYQS-TR

Manufacturer Part Number	MICRF221AYQS-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MICRF221AYQS-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	RF RX ASK/OOK 850-950MHZ 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MICRF221.pdf
RoHs Status	ROHS3 Compliant

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MICRF221AYQS-TR - Microchip Technology. New Original in Stock. Download Linear Technology MICRF221AYQS-TR datasheet/specifications on AllelcoElec.com. Request a quote for MICRF221AYQS-TR, please send us email: info@allelco.com

Specifications

MICRF221AYQS-TR Tech Specifications
MICRF221AYQS-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Memory Size	-
Voltage - Supply	3V ~ 3.6V	Frequency	850MHz ~ 950MHz
Supplier Device Package	16-QSOP	Features	-
Series	-	Data Rate (Max)	10kbps
Sensitivity	-109dBm	Data Interface	PCB, Surface Mount
Package / Case	16-SSOP (0.154", 3.90mm Width)	Current - Receiving	9.3mA
Package	Tape & Reel (TR)	Base Product Number	MICRF221
Operating Temperature	-40°C ~ 85°C	Applications	-
Mounting Type	Surface Mount	Antenna Connector	PCB, Surface Mount
Modulation or Protocol	ASK, OOK		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MICRF221AYQS-TR

Product Attribute				
Part Number	MICRF221AYQS-TR	MICRF230YQS-TR	MICRF219AAVQS	MICRF220AYQS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	16-QSOP	16-QSOP	16-QSOP	16-QSOP
Memory Size	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Applications	-	General Purpose	General Purpose	General Purpose
Series	-	-	-	QwikRadio®
Modulation or Protocol	ASK, OOK	ISM	ASK, OOK	ASK, OOK
Data Interface	PCB, Surface Mount	-	PCB, Surface Mount	PCB, Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Data Rate (Max)	10kbps	20kbps	-	20kbps
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)
Current - Receiving	9.3mA	6mA	4.3mA	6mA
Features	-	-	RSSI Equipped	RSSI Equipped
Antenna Connector	PCB, Surface Mount	On-Board, Trace	PCB, Surface Mount	PCB, Surface Mount
Voltage - Supply	3V ~ 3.6V	3.5V ~ 5.5V	3V ~ 3.6V	3V ~ 3.6V
Sensitivity	-109dBm	-112dBm	-112.5dBm	-112.5dBm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MICRF221	MICRF230	MICRF219	MICRF220
Frequency	850MHz ~ 950MHz	433.92MHz	300MHz ~ 450MHz	300MHz ~ 450MHz

MICRF221AYQS-TR Datasheet PDF

Download MICRF221AYQS-TR pdf datasheets and Microchip Technology documentation for MICRF221AYQS-TR - Microchip Technology.

Datasheets

[MICRF221.pdf](#)

PCN Packaging

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



















PCN Part Number

[Micrel to Microchip PN Changes 7/Oct/2015.pdf](#)

MICRF221AYQS 14/Mar/2023.pdf

Customers Also Interested in

Recommended Products

					
MICRF230YQS-TR Microchip Technology RF RCVR ISM 433.92MHZ 16QSOP	MICRF219AAYQS Microchip Technology RF RX ASK/OOK 300-450MHZ 16QSOP	MICRF220AYQS Microchip Technology RF RX ASK/OOK 300-450MHZ 16QSOP	MICRF218AYQS/TR Micrel / Microchip Technology	MICRF220AYQS/TR Micrel / Microchip Technology	MICRF229YQS Microchip Technology RF RECEIVER ISM 433.92MHZ 16QSOP
					
MICRF302YM Micrel / Microchip Technology	MICRF405YML Micrel Inc. 290MHZ - 980MHZ ISM BAND ASK/FSK	MICRF300YC6 Micrel / Microchip Technology	MICRF505BML Micrel Inc. 868MHZ AND 915MHZ ISM BAND TSVR	MICRF219AYQS Microchip Technology RF RX ASK/OOK 300-450MHZ 16QSOP	MICRF220AYQS-TR Microchip Technology RF RX ASK/OOK 300-450MHZ 16QSOP
					
MICRF230YQS Microchip Technology RF RECEIVER ISM 433.92MHZ 16QSOP	MICRF219AAYQS-TR Micrel / Microchip Technology IC RECEIVER QWIKRADIO 16QSOP	MICRF229YQS-TR Microchip Technology RF RCVR ISM 433.92MHZ 16QSOP	MICRF218AYQS Microchip Technology RF RCVR AM 300MHZ-450MHZ 16QSOP	MICRF221AYQS Microchip Technology RF RX ASK/OOK 850-950MHZ 16QSOP	MICRF219AAY Micrel / Microchip Technology

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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Contact us

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