

Image may be representation.  
See specifications for product details.



## MC13234CHT

Manufacturer Part Number	<b>MC13234CHT</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC13234CHT
ECAD Model	Request Free CAD Models
Parts Description	IC RF TXRX+MCU 802.15.4 48VFQFN
Package	48-VFQFN Exposed Pad
Data sheet	MC13234CHT.pdf
RoHs Status	<b>ROHS3 Compliant</b>

[Get a Quote](#)

MC13234CHT - NXP USA Inc..New Original in Stock. Download Linear Technology MC13234CHT datasheet/specifications on AllelcoElec.com.  
Request a quote for MC13234CHT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC13234CHT Tech Specifications

MC13234CHT - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tray
Voltage - Supply	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	TxRx + MCU	Mounting Type	Surface Mount
Supplier Device Package	48-MAPLGA (7x7)	Modulation	O-QPSK
Series	-	Memory Size	128kB Flash, 8kB RAM
Serial Interfaces	I <sup>2</sup> C, SPI, UART	GPIO	32
Sensitivity	-93dBm	Frequency	2.4GHz
RF Family/Standard	802.15.4	Data Rate (Max)	250kbps
Protocol	-	Current - Transmitting	26.6mA
Power - Output	2dBm	Current - Receiving	22.3mA ~ 34.2mA
Package / Case	48-VFQFN Exposed Pad	Base Product Number	MC13234

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC13234CHT

Product Attribute				
Part Number	MC13234CHT	MC13226V	MC13233C	MC13233C
Manufacturer	NXP USA Inc.	Freescal Semiconductor	Freescal Semiconductor	NXP USA Inc.
Voltage - Supply	1.8V ~ 3.6V	2V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
RF Family/Standard	802.15.4	802.15.4	802.15.4	802.15.4
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sensitivity	-93dBm	-100dBm	-94dBm	-94dBm
Type	TxRx + MCU	TxRx + MCU	TxRx + MCU	TxRx + MCU
Operating Temperature	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad	145-TFLGA	48-VFLGA Exposed Pad	48-VFQFN Exposed Pad
Modulation	O-QPSK	O-QPSK	O-QPSK	O-QPSK
Memory Size	128kB Flash, 8kB RAM	128kB Flash, 80kB ROM, 96kB SRAM	82kB Flash, 5kB RAM	82kB Flash, 5kB RAM
Data Rate (Max)	250kbps	250kbps	250kbps	250kbps
Supplier Device Package	48-MAPLGA (7x7)	-	48-MAPLGA (7x7)	48-MAPLGA (7x7)
Current - Transmitting	26.6mA	29mA	26.6mA	26.6mA
GPIO	32	64	32	32
Base Product Number	MC13234	-	-	MC132
Current - Receiving	22.3mA ~ 34.2mA	22mA ~ 24mA	22.3mA ~ 34.2mA	22.3mA ~ 34.2mA
Power - Output	2dBm	4dBm	2dBm	2dBm
Frequency	2.4GHz	2.4GHz	2.405GHz ~ 2.48GHz	2.4GHz
Package	Tray	Bulk	Bulk	Tray
Series	-	-	-	-
Protocol	-	Zigbee®	Zigbee®	Zigbee®
Serial Interfaces	I <sup>2</sup> C, SPI, UART	I <sup>2</sup> C, I <sup>2</sup> S, JTAG, SPI, UART	I <sup>2</sup> C, SPI, UART	I <sup>2</sup> C, SPI, UART

### MC13234CHT Datasheet PDF

Download MC13234CHT pdf datasheets and NXP USA Inc. documentation for MC13234CHT - NXP USA Inc..


### PCN Packaging

All Dev Label Update 15/Dec/2020.pdf

Mult Dev Pkg Seal 15/Dec/2020.pdf

### Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin

 2.73KHz.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL Rev 13/Dec/2022.pdf

 OBS Notice 02/Dec/2022.pdf

**Customers Also Interested in**

**Recommended Products**

 <b>MC13281FYP</b> MOTOROLA	 <b>MC13226V</b> Freescale Semiconductor MICROPROCESSOR CIRCUIT PBGA99	 <b>MC13240FC</b> Freescale / NXP Semiconductors	 <b>MC13233C</b> Freescale Semiconductor MC13233, LOW COST SOC REMOTE CO	 <b>MC13281FXP</b> MOTOROLA	 <b>MC13233C</b> NXP USA Inc. IC RF TXRX+MCU 802.15.4 48VQFN
 <b>MC13226VR2</b> NXP USA Inc. IC RF TXRX + MCU 802.15.4 ZIGBEE	 <b>MC13282EP</b> MOTOROLA	 <b>MC13240FCR2</b> Freescale / NXP Semiconductors	 <b>MC13214</b> NXP USA Inc. IC RF TXRX+MCU 802.15.4 71VFLGA	 <b>MC13281AP</b> MOTOROLA	 <b>MC13224VR2</b> NXP USA Inc. IC RF TXRX+MCU 802.15.4 145TFLGA
 <b>MC13224V</b> NXP USA Inc. IC RF TXRX+MCU 802.15.4 145TFLGA	 <b>MC13280FYP</b> MOTOROLA	 <b>MC13282AP</b> MOTOROLA	 <b>MC13214</b> Freescale Semiconductor MICROPROCESSOR CIRCUIT, CMOS	 <b>MC13226V</b> NXP USA Inc. MICROPROCESSOR CIRCUIT, CMOS	 <b>MC13213R2</b> NXP USA Inc. IC RF TXRX+MCU 802.15.4 71VFLGA

**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.**

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

**Certifications & Memberships**



[View More](#)

