

Image may be representation.  
See specifications for product details.



## MAX2306ETI+T

Manufacturer Part Number	<b>MAX2306ETI+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX2306ETI+T
ECAD Model	Request Free CAD Models
Parts Description	RF DEMOD IC 40MHZ-300MHZ 28TQFN
Package	28-WFQFN Exposed Pad
Data sheet	<b>MAX2306/08/09.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX2306ETI+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX2306ETI+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX2306ETI+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX2306ETI+T Tech Specifications  
MAX2306ETI+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Noise Figure	6.36dB
Voltage - Supply	2.7V	Mounting Type	Surface Mount
Supplier Device Package	28-TQFN (5x5)	LO Frequency	40MHz ~ 300MHz
Series	-	Gain	-
RF Frequency	40MHz ~ 300MHz	Function	Demodulator
Package / Case	28-WFQFN Exposed Pad	Current - Supply	41.5 mA
Package	Tape & Reel (TR)	Base Product Number	MAX2306
P1dB	-9dBm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX2306ETI+T

Product Attribute				
Part Number	MAX2306ETI+T	MAX2309EGI	MAX2308ETI-T	MAX2306EGI
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Gain	-	61dB	-	61dB
Current - Supply	41.5 mA	25.9 mA	41.5 mA	25.9 mA
Noise Figure	6.36dB	-	6.36dB	-
Series	-	MAX2309	-	MAX2306
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Bulk
Supplier Device Package	28-TQFN (5x5)	28-QFN (5x5)	28-TQFN (5x5)	28-QFN (5x5)
P1dB	-9dBm	-9dBm	-9dBm	-9dBm
RF Frequency	40MHz ~ 300MHz	40MHz ~ 300MHz	70MHz ~ 300MHz	40MHz ~ 300MHz
Package / Case	28-WFQFN Exposed Pad	28-VFQFN Exposed Pad	28-WFQFN Exposed Pad	28-VFQFN Exposed Pad
Base Product Number	MAX2306	-	MAX230	-
Function	Demodulator	Demodulator, Amplifier	Demodulator	Demodulator, Amplifier
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.7V	2.7V	2.7V	2.7V
LO Frequency	40MHz ~ 300MHz	40MHz ~ 300MHz	-	40MHz ~ 300MHz

### MAX2306ETI+T Datasheet PDF

Download MAX2306ETI+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX2306ETI+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX2306/08/09.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Application Notes

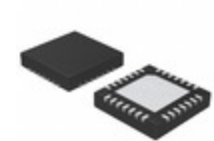
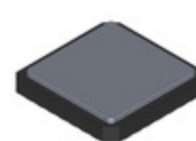
[General Layout Guidelines for RF and Mixed-Signal .pdf](#)







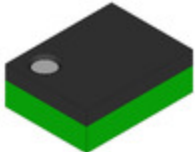

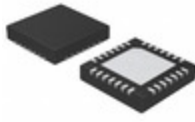



[Measuring Differential Impedances with a Two-Port .pdf](#)

[VCO Tank Design for the MAX2310.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>MAX230ECP</b> Analog Devices / Maxim Integrated	<b>MAX2306ETI</b> Analog Devices / Maxim Integrated	<b>MAX2308EGI-T</b> Analog Devices / Maxim Integrated	<b>MAX2309EGI</b> Analog Devices Inc./Maxim Integrated CDMA IF VGA AND I/Q DEMODULATOR	<b>MAX22501EATA+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCIEVER HALF 1/1 8TDFN	<b>MAX2308ETI-T</b> Analog Devices Inc./Maxim Integrated RF DEMOD IC 70MHZ-300MHZ 28TQFN
					
<b>MAX230CPP</b> Analog Devices Inc./Maxim Integrated IC DRIVER 5/0 20DIP	<b>MAX2251EBE-T</b> Analog Devices / Maxim Integrated	<b>MAX2306EGI</b> Analog Devices Inc./Maxim Integrated CDMA IF VGA AND I/Q DEMODULATOR	<b>MAX2308EGI</b> Analog Devices Inc./Maxim Integrated CDMA IF VGA AND I/Q DEMODULATOR	<b>MAX230EPP</b> Analog Devices Inc./Maxim Integrated IC DRIVER 5/0 20DIP	<b>MAX2291EBA-T</b> Analog Devices / Maxim Integrated
					
<b>MAX2247EBC</b> Analog Devices Inc./Maxim Integrated IC AMP ISM 2.4GHZ-2.5GHZ 12UCSP	<b>MAX230CWP</b> Analog Devices Inc./Maxim Integrated IC DRIVER 5/0 20SOIC	<b>MAX2309ETI+T</b> Analog Devices Inc./Maxim Integrated IC CDMA IF VGA/IQ DEMOD 28-TQFN	<b>MAX22502EATC+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 12TDFN	<b>MAX2309EGI-T</b> Analog Devices / Maxim Integrated	<b>MAX22700EASA+</b> Analog Devices Inc./Maxim Integrated ULTRA-HIGH CMTI SILICON-CARBIDE

## 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



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