

Image may be representation.  
See specifications for product details.



## MAX2682EUT-T

Manufacturer Part Number	<b>MAX2682EUT-T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX2682EUT-T
ECAD Model	Request Free CAD Models
Parts Description	IC SIGE DOWNCONV MIXER SOT23-6
Package	SOT-23-6
Data sheet	MAX2682EUT-T.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX2682EUT-T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX2682EUT-T datasheet/specifications on AllelcoElec.com. Request a quote for MAX2682EUT-T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX2682EUT-T Tech Specifications  
MAX2682EUT-T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Mixers	1
Voltage - Supply	2.7V ~ 5.5V	Noise Figure	13.4dB
Supplier Device Package	SOT-6	Mounting Type	Surface Mount
Series	-	Gain	14.7dB
Secondary Attributes	Down Converter	Frequency	400MHz ~ 2.5GHz
RF Type	Cellular, ISM, PCS, WLL	Current - Supply	15mA
Package / Case	SOT-23-6	Base Product Number	MAX268
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX2682EUT-T

Product Attribute				
Part Number	MAX2682EUT-T	MAX2681EUT+T	MAX2680EUT+T	MAX2684EUE-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Series	-	-	MAX2680	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Frequency	400MHz ~ 2.5GHz	400MHz ~ 2.5GHz	400MHz ~ 2.5GHz	3.4GHz ~ 3.8GHz
RF Type	Cellular, ISM, PCS, WLL	Cellular, ISM, PCS, WLL	Cellular, ISM, PCS, WLL	General Purpose
Current - Supply	15mA	8.7mA	5mA	55mA
Gain	14.7dB	14.2dB	11.6dB	6.7dB
Secondary Attributes	Down Converter	Down Converter	Down Converter	Down Converter
Noise Figure	13.4dB	12.7dB	11.7dB	13.6dB
Package / Case	SOT-23-6	SOT-23-6	SOT-23-6	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
Base Product Number	MAX268	MAX2681	MAX2680	-
Supplier Device Package	SOT-6	SOT-6	SOT-6	16-TSSOP-EP
Number of Mixers	1	1	1	1

### MAX2682EUT-T Datasheet PDF

Download MAX2682EUT-T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX2682EUT-T - Analog Devices Inc./Maxim Integrated.

#### Environmental Information

- Maxim Integrated REACH.pdf
- Maxim Integrated RoHS Cert.pdf
- Red Phosphorous Certificate.pdf

#### PCN Obsolescence/ EOL

- Cylindrical Battery Holders.pdf

#### Application Notes

- General Layout Guidelines for RF and Mixed-Signal .pdf
- The MAX2681 SiGe Downconverter Mixer Tuned for GPS.pdf
- Satellite Radio Receiver 1st Mixer: MAX2682 Tuned .pdf
- Silicon Germanium (SiGe) Downconverter Tuned for G.pdf

### Customers Also Interested in

#### Recommended Products

**MAX2681EUT+T**

Analog Devices Inc./Maxim Integrated  
IC MXR 400MHZ-2.5GHZ DWN SOT23-6

**MAX2680EUT+T**

Analog Devices Inc./Maxim Integrated  
IC MXR 400MHZ-2.5GHZ DWN SOT23-6

**MAX2684EUE-T**

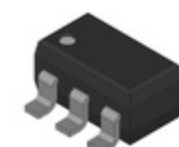
Analog Devices Inc./Maxim Integrated  
MIXER WITH SELECTABLE DOUBLER

**MAX2682EUT**

Analog Devices Inc./Maxim Integrated  
SIGE DOWNCONVERTER MIXER

**MAX2686EWS+T**

Analog Devices Inc./Maxim Integrated  
IC RF AMP GPS 1575.42MHZ 4WLP

**MAX2680EUT**

Analog Devices Inc./Maxim Integrated  
SIGE DOWNCONVERTER MIXER

**MAX2685EEE+**

Analog Devices Inc./Maxim Integrated  
IC MIXER 800MHZ-1GHZ DWN 16QSOP

**MAX2683EUE+**

Analog Devices Inc./Maxim Integrated  
MIXER WITH SELECTABLE DOUBLER

**MAX2688EWS+T**

Analog Devices Inc./Maxim Integrated  
IC RF AMP GPS 1575.42MHZ 4WLP

**MAX2690EUB-T**

Analog Devices Inc./Maxim Integrated  
IC MIXER DOWNCONVERTER 10UMAX

**MAX268BENG+**

Analog Devices Inc./Maxim Integrated  
IC FILTER 140KHZ BAND PASS 24DIP

**MAX2680AUT+T**

Analog Devices Inc./Maxim Integrated  
IC MXR 400MHZ-2.5GHZ DWN SOT23-6

**MAX2681EUT-T**

Analog Devices Inc./Maxim Integrated  
IC SIGE DOWNCONV MIXER SOT23-6

**MAX2682EUT+T**

Analog Devices Inc./Maxim Integrated  
IC MXR 400MHZ-2.5GHZ DWN SOT23-6

**MAX2690EUB+T**

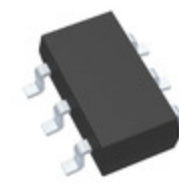
Analog Devices Inc./Maxim Integrated  
IC MIXER 400MHZ-2.5GHZ DWN 10UMAX

**MAX2685EEE**

Analog Devices Inc./Maxim Integrated  
IC AMP/DOWNCONVERTER LNA QSOP

**MAX267BCWG**

Analog Devices Inc./Maxim Integrated  
IC FILTER 57KHZ BAND PASS 24S01C

**MAX2680EUT-T**

Analog Devices Inc./Maxim Integrated  
IC SIGE DOWNCONV MIXER SOT23-6

## 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

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## Certifications & Memberships



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