



Image may be representation.  
See specifications for product details.



## MAX6012AEUR

Manufacturer Part Number	<b>MAX6012AEUR</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX6012AEUR
ECAD Model	Request Free CAD Models
Parts Description	<b>VOLTAGE REFERENCE</b>
Package	<b>TO-236-3, SC-59, SOT-23-3</b>
Data sheet	MAX6012AEUR.pdf

**Get a Quote**

MAX6012AEUR - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX6012AEUR datasheet/specifications on AllelcoElec.com. Request a quote for MAX6012AEUR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX6012AEUR Tech Specifications

MAX6012AEUR - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Bulk
Voltage - Output (Min/Fixed)	1.247V	Output Type	Fixed
Voltage - Input	2.5V ~ 12.6V	Operating Temperature	-40°C ~ 85°C (TA)
Tolerance	±0.32%	Noise - 10Hz to 10kHz	65µVrms
Temperature Coefficient	20ppm/°C	Noise - 0.1Hz to 10Hz	12µVp-p
Supplier Device Package	SOT-23-3	Mounting Type	Surface Mount
Series	-	Current - Supply	35µA
Reference Type	Series	Current - Output	500 µA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	MAX6012

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6012AEUR

Product Attribute				
Part Number	MAX6012AEUR	MAX6008BEUR	MAX6012BEUR-T	MAX6008BEUR+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Supply	35µA	-	35µA	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Voltage - Input	2.5V ~ 12.6V	-	2.5V ~ 12.6V	-
Tolerance	±0.32%	±0.5%	±0.48%	±0.5%
Noise - 10Hz to 10kHz	65µVrms	-	65µVrms	-
Reference Type	Series	Shunt	Series	Shunt
Current - Output	500 µA	20 mA	500 µA	2 mA
Output Type	Fixed	Fixed	Fixed	Fixed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	Automotive, AEC-Q100	-	-
Base Product Number	MAX6012	MAX6008	MAX6012	MAX6008
Supplier Device Package	SOT-23-3	SOT-23-3	SOT-23-3	SOT-23-3
Noise - 0.1Hz to 10Hz	12µVp-p	60µVp-p	12µVp-p	60µVp-p
Voltage - Output (Min/Fixed)	1.247V	2.5V	1.247V	2.5V
Temperature Coefficient	20ppm/°C	75ppm/°C	30ppm/°C	75ppm/°C
Package	Bulk	Bulk	Tape & Reel (TR)	Tape & Reel (TR)

### Customers Also Interested in

#### Recommended Products



**MAX6008BEUR**

Analog Devices Inc./Maxim Integrated  
VOLTAGE REFERENCE



**MAX6012BEUR-T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.48% SOT23-3



**MAX6008BEUR+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.5% SOT23-3



**MAX6012AEUR-T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.32% SOT23-3



**MAX6008AEUR+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.2% SOT23-3



**MAX6018AEUR12**

Analog Devices Inc./Maxim Integrated  
VOLTAGE REFERENCE



**MAX6010BEUR+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 3V SOT23-3



**MAX6012BEUR+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.48% SOT23-3



**MAX6008BEUR-T**

Analog Devices / Maxim Integrated



**MAX6009BEUR+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.5% SOT23-3



**MAX6018AEUR12+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.2% SOT23-3



**MAX6018AEUR16+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.2% SOT23-3



### MAX6009AEUR+T

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.2% SOT23-3



### MAX6012BEUR

Analog Devices Inc./Maxim Integrated  
VOLTAGE REFERENCE



### MAX6008AEUR

Analog Devices Inc./Maxim Integrated  
VOLTAGE REFERENCE



### MAX6010AEUR+T

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.2% SOT23-3



### MAX6018AEUR18+T

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.2% SOT23-3



### MAX6012AEUR+T

Analog Devices Inc./Maxim Integrated  
IC VREF SERIES 0.32% SOT23-3

## 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



ALLELCO LIMITED  
WWW.ALLELCOELEC.COM

## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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