



Image may be representation.  
See specifications for product details.



## MAX11216EUG+

Manufacturer Part Number	<b>MAX11216EUG+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX11216EUG+
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 24BIT SIGMA-DELTA 24TSSOP
Package	24-TSSOP (0.173", 4.40mm Width)
Data sheet	MAX11216EUG+.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX11216EUG+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX11216EUG+ datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX11216EUG+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX11216EUG+ Tech Specifications

MAX11216EUG+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	2V ~ 3.6V	Number of Inputs	1
Voltage - Supply, Analog	2.7V ~ 3.6V	Number of Bits	24
Supplier Device Package	24-TSSOP	Number of A/D Converters	1
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	64k	Input Type	Differential, Single Ended
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	0:1	Configuration	ADC
Package / Case	24-TSSOP (0.173", 4.40mm Width)	Base Product Number	MAX11216
Package	Tube	Architecture	Sigma-Delta

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX11216EUG+

Product Attribute				
Part Number	MAX11216EUG+	MAX11209EEE+	MAX11254ATJ+T	MAX1124EGK+D
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply, Analog	2.7V ~ 3.6V	2.7V ~ 3.6V	±1.8V, 2.7V ~ 3.6V	1.7V ~ 1.9V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Interface	SPI	SPI	SPI	LVDS - Parallel
Package / Case	24-TSSOP (0.173", 4.40mm Width)	16-SSOP (0.154", 3.90mm Width)	32-WFQFN Exposed Pad	68-VFQFN Exposed Pad
Sampling Rate (Per Second)	64k	480	64k	250M
Reference Type	External	External	External	Internal
Series	-	-	-	-
Input Type	Differential, Single Ended	Differential	Differential	Differential
Number of A/D Converters	1	1	1	1
Configuration	ADC	ADC	MUX-PGA-ADC	S/H-ADC
Ratio - S/H:ADC	0:1	-	-	1:1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C
Supplier Device Package	24-TSSOP	16-QSOP	32-TQFN (5x5)	68-QFN (10x10)
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Pipelined
Base Product Number	MAX11216	MAX11209	MAX11254	MAX1124
Number of Bits	24	18	24	10
Package	Tube	Tube	Tape & Reel (TR)	Tube
Voltage - Supply, Digital	2V ~ 3.6V	1.7V ~ 3.6V	1.7V ~ 3.6V	1.7V ~ 1.9V
Number of Inputs	1	1	6	1

## MAX11216EUG+ Datasheet PDF

Download MAX11216EUG+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX11216EUG+ - Analog Devices Inc./Maxim Integrated.

### Environmental Information



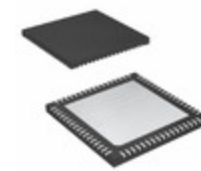
Maxim Integrated REACH.pdf



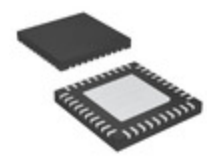
Maxim Integrated RoHS Cert.pdf

## Customers Also Interested in

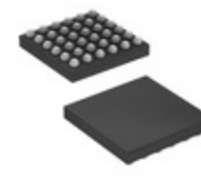
### Recommended Products

**MAX11209EEE+**Analog Devices Inc./Maxim Integrated  
IC ADC 18BIT SIGMA-DELTA 16QSOP**MAX11254ATJ+T**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT SIGMA-DELTA 32TQFN**MAX11290EWX**

Analog Devices / Maxim Integrated

**MAX1124EGK+D**Analog Devices Inc./Maxim Integrated  
IC ADC 10BIT PIPELINED 68QFN**MAX11300GTL+**Analog Devices Inc./Maxim Integrated  
IC ADC/DAC 12BIT 400K 40TQFN**MAX111ACAP+T**Analog Devices Inc./Maxim Integrated  
IC ADC 14BIT SIGMA-DELTA 20SSOP**MAX111BCAP-T**

Analog Devices / Maxim Integrated

**MAX11291ENX+TCGQ**Analog Devices Inc./Maxim Integrated  
INTEGRATED CIRCUIT**MAX11201BEUB+**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT SIGMA-DELTA 10UMAX**MAX11259AWX+T**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT 64KSPS 36WLP**MAX11208AEUB+**Analog Devices Inc./Maxim Integrated  
IC ADC 20BIT SIGMA-DELTA 10UMAX**MAX111BEWE**

Analog Devices / Maxim Integrated

**MAX11213EEE**

Analog Devices / Maxim Integrated

**MAX11214EUG+**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT SIGMA-DELTA 24TSSOP**MAX11284ETL+**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT DELTA-SIGMA**MAX11210EEE+T**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT SIGMA-DELTA 16QSOP**MAX11201BEUB+T**Analog Devices Inc./Maxim Integrated  
IC ADC 24BIT SIGMA-DELTA 10UMAX

## 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 Alleco 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@alleco.com

## Certifications & Memberships



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