



Image may be representation.
See specifications for product details.



MAX144AEUA

Manufacturer Part Number	MAX144AEUA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX144AEUA
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	MAX144,145.pdf

Get a Quote

MAX144AEUA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX144AEUA datasheet/specifications on AllelcoElec.com.
Request a quote for MAX144AEUA, please send us email: info@allelco.com

Specifications

MAX144AEUA Tech Specifications

MAX144AEUA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	2
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	8-uMAX/uSOP	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	108k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MAX144
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX144AEUA

Product Attribute				
Part Number	MAX144AEUA	MAX1449EHJ+	MAX144BCPA	MAX144BEUA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Bits	12	10	12	12
Features	-	-	-	-
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	32-TQFP	8-DIP (0.300", 7.62mm)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Reference Type	External	External, Internal	External	External
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 3.6V	2.7V ~ 5.25V	2.7V ~ 5.25V
Data Interface	SPI	Parallel	SPI	SPI
Number of A/D Converters	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Base Product Number	MAX144	MAX1449	MAX144	MAX144
Package	Tube	Tray	Tube	Tube
Series	-	-	-	-
Sampling Rate (Per Second)	108k	105M	108k	108k
Architecture	SAR	Pipelined	SAR	SAR
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Inputs	2	1	2	2
Configuration	MUX-S/H-ADC	S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 3.6V	2.7V ~ 5.25V	2.7V ~ 5.25V
Supplier Device Package	8-uMAX/uSOP	32-TQFP (5x5)	8-PDIP	8-uMAX/uSOP
Input Type	Single Ended	Differential, Single Ended	Single Ended	Single Ended

MAX144AEUA Datasheet PDF

Download MAX144AEUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX144AEUA - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX144,145.pdf](#)


Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX144AEUA.pdf](#)

Part Numbering Guide

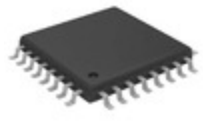
 Part Numbering System.pdf

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



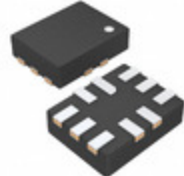
MAX1449EHJ+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT PIPELINED 32TQFP



MAX14435FAWE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 5000VRMS 4CH GP 16SOIC



MAX14508EEVB+T

Analog Devices Inc./Maxim Integrated
IC USB SWITCH DPDT 10UTQFN



MAX144BCPA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8DIP



MAX144BEUA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



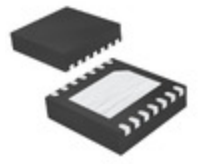
MAX1448EHJ+T

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT PIPELINED 32TQFP



MAX144BEUA+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



MAX14514ETD+

Analog Devices Inc./Maxim Integrated
IC EL LAMP DRIVER 290HZ 14TDFN



MAX1446EHJ+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT PIPELINED 32TQFP



MAX1446EHJ+T

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT PIPELINED 32TQFP



MAX14510EEVB+T

Analog Devices Inc./Maxim Integrated
IC AUD SWITCH USB 2.0 HS 10UTQFN



MAX1448EHJ+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT PIPELINED 32TQFP



MAX1444EHJ-T

Analog Devices / Maxim Integrated



MAX14514ETD+T

Analog Devices Inc./Maxim Integrated
IC EL LAMP DRIVER 290HZ 14TDFN



MAX144AEUA+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



MAX1437ECQ-D

Analog Devices / Maxim Integrated



MAX144AEPA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8DIP



MAX144BCUA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX

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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