



Image may be representation.  
See specifications for product details.



## MAX196AEAI

Manufacturer Part Number	<b>MAX196AEAI</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX196AEAI
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	<b>MAX196,198.pdf</b>

**Get a Quote**

MAX196AEAI - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX196AEAI datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX196AEAI, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX196AEAI Tech Specifications

MAX196AEAI - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	6
Voltage - Supply, Digital	5V	Number of Bits	12
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	28-SSOP	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	100k	Features	-
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	MAX196
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 MAX196AEAI

Product Attribute				
Part Number	MAX196AEAI	MAX196ACAI	MAX19708ETM+	MAX19700ETM+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Tube	Bulk	Tray
Reference Type	External, Internal	External, Internal	-	-
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	-	-
Base Product Number	MAX196	MAX196	MAX197	MAX197
Input Type	Single Ended	Single Ended	-	-
Voltage - Supply, Analog	5V	5V	-	-
Data Interface	Parallel	Parallel	-	-
Number of Inputs	6	6	-	-
Ratio - S/H:ADC	1:1	1:1	-	-
Features	-	-	-	-
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-	-
Voltage - Supply, Digital	5V	5V	-	-
Number of A/D Converters	1	1	-	-
Series	-	-	*	*
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	-	-
Sampling Rate (Per Second)	100k	100k	-	-
Supplier Device Package	28-SSOP	28-SSOP	-	-
Architecture	SAR	SAR	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Number of Bits	12	12	-	-

## MAX196AEAI Datasheet PDF

Download MAX196AEAI pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX196AEAI - Analog Devices Inc./Maxim Integrated.


### Datasheets

[MAX196,198.pdf](#)

### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

## Part Numbering Guide

 Part Numbering System.pdf

## PCN Obsolescence/ EOL

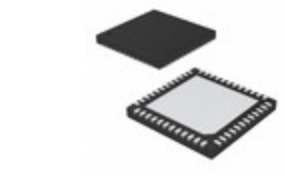
 Cylindrical Battery Holders.pdf

## Application Notes

 Understanding Flash ADCs.pdf

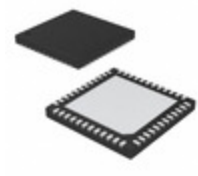
## Customers Also Interested in

### Recommended Products



#### MAX19708ETM+

Analog Devices Inc./Maxim Integrated  
IC ANLG FRONT END 11MSPS 48-TQFN



#### MAX19700ETM+

Analog Devices Inc./Maxim Integrated  
IC ANLG FRONT END 7.5MSPS 48TQFN



#### MAX1966ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 850IC



#### MAX1967EUB

Analog Devices Inc./Maxim Integrated  
PWM STEP-DOWN CONTROLLER



#### MAX1967EUB+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



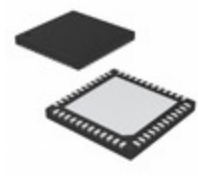
#### MAX1967EUB-T

Analog Devices Inc./Maxim Integrated  
PWM STEP-DOWN CONTROLLER



#### MAX196AEAI+

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 100K 28SSOP



#### MAX19705ETM+

Analog Devices Inc./Maxim Integrated  
IC ANLG FRNT END 48-TQFN



#### MAX1967EUB+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



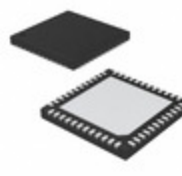
#### MAX196ACWI+

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 100K 28SOIC



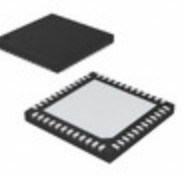
#### MAX196BEWI+

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 100K 28SOIC



#### MAX19707ETM+

Analog Devices Inc./Maxim Integrated  
IC AFE 4 CHAN 10BIT 48TQFN



#### MAX19706ETM+

Analog Devices Inc./Maxim Integrated  
IC AFE 4 CHAN 10BIT 48TQFN



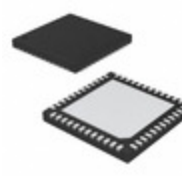
#### MAX196AEWI+

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 100K 28SOIC



#### MAX1968EUI+T

Analog Devices Inc./Maxim Integrated  
IC DRVR POWER 28-TSSOP



#### MAX19700ETM+T

Analog Devices Inc./Maxim Integrated  
IC AFE 2 CHAN 10BIT 48TQFN



#### MAX196BCWI

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 100K 28SOIC



#### MAX196ACAI

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 28SSOP

## 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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