



Image may be representation.  
See specifications for product details.



## MAX127AEAI

Manufacturer Part Number	<b>MAX127AEAI</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX127AEAI
ECAD Model	Request Free CAD Models
Parts Description	IC DAS 12BIT 8K 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	<b>MAX127,128.pdf</b>

**Get a Quote**

MAX127AEAI - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX127AEAI datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX127AEAI, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX127AEAI Tech Specifications  
MAX127AEAI - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	28-SSOP (0.209", 5.30mm Width)
Voltage Supply Source	Single Supply	Package	Tube
Type	Data Acquisition	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	28-SSOP	Number of Channels	8
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	8k	Data Interface	Serial
Resolution (Bits)	12 b	Base Product Number	MAX127

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX127AEAI

Product Attribute				
Part Number	MAX127AEAI	MAX127BCAI	MAX127BEAI+	MAX127BCAI+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	28-SSOP	28-SSOP	28-SSOP	28-SSOP
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)
Series	-	-	-	-
Voltage Supply Source	Single Supply	Single Supply	Single Supply	Single Supply
Sampling Rate (Per Second)	8k	8k	8k	8k
Type	Data Acquisition	Data Acquisition	Data Acquisition System (DAS), ADC	Data Acquisition System (DAS), ADC
Data Interface	Serial	Serial	I <sup>2</sup> C, Serial	I <sup>2</sup> C, Serial
Number of Channels	8	8	8	8
Resolution (Bits)	12 b	12 b	12 b	12 b
Base Product Number	MAX127	MAX127	MAX127	MAX127
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tube	Tape & Reel (TR)

### MAX127AEAI Datasheet PDF

Download MAX127AEAI pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX127AEAI - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX127,128.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

#### Recommended Products

**MAX127BCAI**

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 8K 28SSOP

**MAX127BEAI+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 8K 28SSOP

**MAX1281BEUP+T**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 20TSSOP

**MAX127BCAI+T**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 8K 28SSOP

**MAX127BENG**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 24DIP

**MAX127AEAI+T**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 8K 28SSOP

**MAX1270BCNG+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 110K 24DIP

**MAX1281BEUP+**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 20TSSOP

**MAX1270BENG**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 24DIP

**MAX1270AENG+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 110K 24DIP

**MAX1280BEUP**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 20TSSOP

**MAX1271BEAI+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 110K 28SSOP

**MAX1270BCAI+T**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 110K 28SSOP

**MAX1271BEAI**

Analog Devices Inc./Maxim Integrated  
IC DAS 12BIT 110K 28SSOP

**MAX1271AEAI+**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT 8CH 28-SSOP

**MAX1271ACAI+**

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT 8CH 28-SSOP

**MAX127AEAG+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 8K 24DIP

**MAX127AEAI+**

Analog Devices Inc./Maxim Integrated  
IC DAS/ADC 12BIT 8K 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 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 -



Contact us if you have any questions.



## Certifications & Memberships



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