

Image may be representation.  
See specifications for product details.



## MAX1249BCPE

Manufacturer Part Number	<b>MAX1249BCPE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1249BCPE
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 10BIT SAR 16DIP
Package	16-DIP (0.300', 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX1249BCPE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1249BCPE datasheet/specifications on AllelcoElec.com. Request a quote for MAX1249BCPE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1249BCPE Tech Specifications

MAX1249BCPE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	2, 4
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	10
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	16-PDIP	Mounting Type	Through Hole
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	133k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	16-DIP (0.300', 7.62mm)	Base Product Number	MAX1249
Package	Tube	Architecture	SAR
Operating Temperature	0°C ~ 70°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1249BCPE

Product Attribute				
Part Number	MAX1249BCPE	MAX1247BECE+	MAX1249BECE	MAX1249AECE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Features	-	-	-	-
Number of Inputs	2, 4	2, 4	2, 4	2, 4
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Architecture	SAR	SAR	SAR	SAR
Sampling Rate (Per Second)	133k	133k	133k	133k
Package	Tube	Tube	Bulk	Bulk
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Reference Type	External	External	External	External
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of A/D Converters	1	1	1	1
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-DIP (0.300', 7.62mm)	16-SSOP (0.154', 3.90mm Width)	16-SSOP (0.154', 3.90mm Width)	16-SSOP (0.154', 3.90mm Width)
Data Interface	SPI	SPI	MICROWIRE™, QSPI™, and SPI™	MICROWIRE™, QSPI™, and SPI™
Base Product Number	MAX1249	MAX1247	-	-
Series	-	-	-	-
Supplier Device Package	16-PDIP	16-QSOP	16-QSOP	16-QSOP
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Number of Bits	10	12	10	10
Ratio - S/H:ADC	1:1	1:1	1:1	1:1

### MAX1249BCPE Datasheet PDF

Download MAX1249BCPE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1249BCPE - Analog Devices Inc./Maxim Integrated.

#### Datasheets


Cylindrical Battery Holders.pdf

#### Environmental Information


Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf


Red Phosphorous Certificate.pdf

 Material Declaration MAX1249BCPE.pdf

## Part Numbering Guide

 Part Numbering System.pdf

## PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products



#### MAX1247BEEE+

Analog Devices Inc./Maxim Integrated

IC ADC 12BIT SAR 16QSOP



#### MAX1249BEEE

Analog Devices Inc./Maxim Integrated

4-CHANNEL, SERIAL 10-BIT ADC



#### MAX1249AEEE

Analog Devices Inc./Maxim Integrated

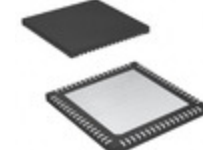
4-CHANNEL, SERIAL 10-BIT ADC



#### MAX1246AEPE

Analog Devices Inc./Maxim Integrated

IC ADC 12BIT SAR 16DIP



#### MAX12557ETK+D

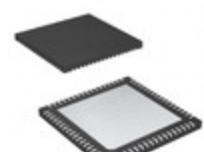
Analog Devices Inc./Maxim Integrated

IC ADC 14BIT 65MSPS DL 68-TQFN



#### MAX1249BEEE-T

Analog Devices / Maxim Integrated



#### MAX12558ETK+T

Analog Devices Inc./Maxim Integrated

IC ADC 14BIT PIPELINED 68TQFN



#### MAX1249BCEE

Analog Devices Inc./Maxim Integrated

IC ADC 10BIT SAR 16QSOP



#### MAX1247ACEE+

Analog Devices Inc./Maxim Integrated

IC ADC 12BIT SAR 16QSOP



#### MAX1249BEEE+T

Analog Devices Inc./Maxim Integrated

IC ADC 10BIT SAR 16QSOP



#### MAX124BEUB

Analog Devices / Maxim Integrated



#### MAX1249ACEE

Analog Devices Inc./Maxim Integrated

4-CHANNEL, SERIAL 10-BIT ADC



#### MAX1249BCEE-T

Analog Devices / Maxim Integrated



#### MAX1247BCPE+

Analog Devices Inc./Maxim Integrated

IC ADC 12BIT SAR 16DIP



#### MAX1247CEEE

Analog Devices / Maxim Integrated



#### MAX1249BCEE+T

Analog Devices Inc./Maxim Integrated

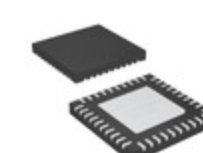
IC ADC 10BIT SAR 16QSOP



#### MAX12553ETL+

Maxim Integrated

IC ADC 14BIT 65MSPS TQFN-40



#### MAX12555ETL+

Analog Devices Inc./Maxim Integrated

IC ADC 14BIT 95MSPS 40-TQFN

## 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



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