

Image may be representation.  
See specifications for product details.



## MAX532BCPE

Manufacturer Part Number	<b>MAX532BCPE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX532BCPE
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX532BCPE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX532BCPE datasheet/specifications on AllelcoElec.com. Request a quote for MAX532BCPE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX532BCPE Tech Specifications  
MAX532BCPE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	-	Number of D/A Converters	2
Voltage - Supply, Analog	±11.4V ~ 16.5V	Number of Bits	12
Supplier Device Package	16-PDIP	Mounting Type	Through Hole
Settling Time	2.5µs (Typ)	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	16-DIP (0.300", 7.62mm)	Base Product Number	MAX532
Package	Tube	Architecture	R-2R
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX532BCPE

Product Attribute				
Part Number	MAX532BCPE	MAX532BCWE+T	MAX5322EAI+	MAX531BESD+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	16-PDIP	16-SOIC	28-SSOP	14-SOIC
Base Product Number	MAX532	MAX532	MAX5322	MAX531
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)
Differential Output	No	No	No	No
Architecture	R-2R	R-2R	R-2R	R-2R
Number of D/A Converters	2	2	2	1
Package / Case	16-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)	14-SOIC (0.154", 3.90mm Width)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Voltage - Supply, Analog	±11.4V ~ 16.5V	±11.4V ~ 16.5V	±10.8V ~ 15.75V	±5V
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Reference Type	External	External	External	External, Internal
Settling Time	2.5µs (Typ)	2.5µs (Typ)	10µs (Typ)	25µs (Typ)
Voltage - Supply, Digital	-	-	2.7V ~ 5.5V	5V
Series	-	-	-	-
Data Interface	SPI	SPI	SPI	SPI
Number of Bits	12	12	12	12

### MAX532BCPE Datasheet PDF

Download MAX532BCPE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX532BCPE - 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


#### Part Numbering Guide


Part Numbering System.pdf

 Cylindrical Battery Holders.pdf

Application Notes



















 Damage from a Lightning Bolt or a Spark.pdf

 How Signal Chains and PLCs Impact Our Lives.pdf

 Programmable-Gain Amplifier, Using the MAX532 DAC.pdf

**Customers Also Interested in**

**Recommended Products**

					
<b>MAX532BCWE+T</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16SOIC	<b>MAX5322EAI+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 28SSOP	<b>MAX531BESD+T</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14SOIC	<b>MAX533BEEE</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 16QSOP	<b>MAX531BCSD+T</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14SOIC	<b>MAX532BCWE</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16SOIC
					
<b>MAX532BCPE.</b> Analog Devices / Maxim Integrated	<b>MAX532BEPE</b> Analog Devices / Maxim Integrated	<b>MAX533BCPE</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 16DIP	<b>MAX532ACPE</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16DIP	<b>MAX531BCSD+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14SOIC	<b>MAX531BCSD</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14SOIC
					
<b>MAX533AEEE</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 16QSOP	<b>MAX531BESD</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14SOIC	<b>MAX532ACPE+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16DIP	<b>MAX531BCPD+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14DIP	<b>MAX532ACWE+T</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16SOIC	<b>MAX532BEWE+T</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16SOIC

**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**



[View More](#)

**Contact us**

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com