



Image may be representation.  
See specifications for product details.



## MAX532BCWE+T

Manufacturer Part Number	<b>MAX532BCWE+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX532BCWE+T
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX532BCWE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX532BCWE+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX532BCWE+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX532BCWE+T Tech Specifications  
MAX532BCWE+T - 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-SOIC	Mounting Type	Surface Mount
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-SOIC (0.295", 7.50mm Width)	Base Product Number	MAX532
Package	Tape & Reel (TR)	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 MAX532BCWE+T

Product Attribute				
Part Number	MAX532BCWE+T	MAX533BCPE	MAX533BEEE	MAX532BCPE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Settling Time	2.5µs (Typ)	6µs (Typ)	6µs (Typ)	2.5µs (Typ)
Data Interface	SPI	SPI	SPI	SPI
Package	Tape & Reel (TR)	Tube	Tube	Tube
Reference Type	External	External	External	External
Base Product Number	MAX532	MAX533	MAX533	MAX532
Supplier Device Package	16-SOIC	16-PDIP	16-QSOP	16-PDIP
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±1 (Max), ±1 (Max)
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C
Architecture	R-2R	String DAC	String DAC	R-2R
Number of D/A Converters	2	4	4	2
Number of Bits	12	8	8	12
Voltage - Supply, Analog	±11.4V ~ 16.5V	2.7V ~ 3.6V	2.7V ~ 3.6V	±11.4V ~ 16.5V
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)	16-SSOP (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)
Differential Output	No	No	No	No
Voltage - Supply, Digital	-	2.7V ~ 3.6V	2.7V ~ 3.6V	-
Series	-	-	-	-
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole

## MAX532BCWE+T Datasheet PDF

Download MAX532BCWE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX532BCWE+T - 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](#)

## 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



#### MAX533BCPE

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 16DIP



#### MAX533BEEE

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 16QSOP



#### MAX532BCPE

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 16DIP



#### MAX531BCSD+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 14SOIC



#### MAX534ACEE+T

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 16QSOP



#### MAX533AEEE

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 16QSOP



#### MAX532BCWE

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 16SOIC



#### MAX532ACPE

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 16DIP



#### MAX532EWE

Analog Devices / Maxim Integrated



#### MAX534ACEE

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 16QSOP



#### MAX531BESD+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 14SOIC



#### MAX531BESD

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 14SOIC



#### MAX532ACPE+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 16DIP



#### MAX532BEWE+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 16SOIC



#### MAX532BCPE.

Analog Devices / Maxim Integrated



#### MAX532BEPE

Analog Devices / Maxim Integrated



#### MAX5322EAI+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 28SSOP



#### MAX532ACWE+T

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

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Email

info@allelco.com

## Certifications & Memberships



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