



Image may be representation.  
See specifications for product details.



## MAX536BCWE

Manufacturer Part Number	<b>MAX536BCWE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX536BCWE
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>MAX536,537.pdf</b>

**Get a Quote**

MAX536BCWE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX536BCWE datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX536BCWE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX536BCWE Tech Specifications  
MAX536BCWE - 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	4
Voltage - Supply, Analog	10.8V ~ 13.2V, -5V	Number of Bits	12
Supplier Device Package	16-SOIC	Mounting Type	Surface Mount
Settling Time	3µs (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	MAX536
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 MAX536BCWE

Product Attribute				
Part Number	MAX536BCWE	MAX536BCPE	MAX5363EUT+T	MAX537BCWE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Data Interface	SPI	SPI	-	SPI
Mounting Type	Surface Mount	Through Hole	-	Surface Mount
Reference Type	External	External	-	External
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)	-	16-SOIC (0.295", 7.50mm Width)
Voltage - Supply, Analog	10.8V ~ 13.2V, -5V	10.8V ~ 13.2V, -5V	-	±5V
Number of Bits	12	12	-	12
Package	Tube	Tube	Tape & Reel (TR)	Tube
Voltage - Supply, Digital	-	-	-	-
Number of D/A Converters	4	4	-	4
Supplier Device Package	16-SOIC	16-PDIP	-	16-SOIC
Differential Output	No	No	-	No
Settling Time	3µs (Typ)	3µs (Typ)	-	5µs (Typ)
Series	-	-	*	-
Output Type	Voltage - Buffered	Voltage - Buffered	-	Voltage - Buffered
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-	0°C ~ 70°C
Architecture	R-2R	R-2R	-	R-2R
Base Product Number	MAX536	MAX536	MAX536	MAX537
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	-	±1 (Max), ±1 (Max)

### MAX536BCWE Datasheet PDF

Download MAX536BCWE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX536BCWE - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX536,537.pdf](#)


#### Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)


#### Part Numbering Guide

[Part Numbering System.pdf](#)

 Mult Dev OBS 15/Jul/2015.pdf

### Application Notes

 Damage from a Lightning Bolt or a Spark.pdf

 How Signal Chains and PLCs Impact Our Lives.pdf

### Customers Also Interested in

#### Recommended Products



#### MAX536BCPE

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



#### MAX5363EUT+T

Analog Devices Inc./Maxim Integrated  
IC DAC 6BIT V-OUT SOT23-6



#### MAX537BCWE

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



#### MAX537BCWE+

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



#### MAX536AEPE

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



#### MAX536ACWE+

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



#### MAX536BEWE

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



#### MAX5363EUT-T

Analog Devices Inc./Maxim Integrated  
IC DAC 6BIT V-OUT SOT23-6



#### MAX5363EUT

Analog Devices Inc./Maxim Integrated  
IC DAC 6BIT V-OUT SOT23-6



#### MAX537BEWE+

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



#### MAX537BEWE

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



#### MAX536AEPE+

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



#### MAX537ACWE

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



#### MAX536BCWE+T

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



#### MAX5362LEUK

Analog Devices Inc./Maxim Integrated  
IC DAC 6BIT V-OUT SOT23-5



#### MAX536BEWE+

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



#### MAX537AEPE+

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



#### MAX537BEPE+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT QUAD CALIB 16-DIP

### 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