



Image may be representation.
See specifications for product details.



MAX500BCWE

Manufacturer Part Number	MAX500BCWE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX500BCWE
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	MAX500.pdf

Get a Quote

MAX500BCWE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX500BCWE datasheet/specifications on AllelcoElec.com.
Request a quote for MAX500BCWE, please send us email: info@allelco.com

Specifications

MAX500BCWE Tech Specifications
MAX500BCWE - 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	11.4V ~ 16.5V	Number of D/A Converters	4
Voltage - Supply, Analog	11.4V ~ 16.5V	Number of Bits	8
Supplier Device Package	16-SOIC	Mounting Type	Surface Mount
Settling Time	4.5µs	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	I ² C
Package / Case	16-SOIC (0.295", 7.50mm Width)	Base Product Number	MAX500
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 MAX500BCWE

Product Attribute				
Part Number	MAX500BCWE	MAX500BEJE	MAX500BCPE+	MAX500AEJE
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-SOIC	16-CDIP	16-PDIP	16-CDIP
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-CDIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-CDIP (0.300", 7.62mm)
Base Product Number	MAX500	MAX500	MAX500	MAX500
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Series	-	-	-	-
Number of D/A Converters	4	4	4	4
Data Interface	I ² C	I ² C	I ² C	I ² C
Architecture	R-2R	R-2R	R-2R	R-2R
Reference Type	External	External	External	External
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)
Voltage - Supply, Analog	11.4V ~ 16.5V	11.4V ~ 16.5V	11.4V ~ 16.5V	11.4V ~ 16.5V
Number of Bits	8	8	8	8
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Settling Time	4.5µs	4.5µs	4.5µs	4.5µs
Package	Tube	Tube	Tube	Tube
Differential Output	No	No	No	No
Voltage - Supply, Digital	11.4V ~ 16.5V	11.4V ~ 16.5V	11.4V ~ 16.5V	11.4V ~ 16.5V
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C

MAX500BCWE Datasheet PDF

Download MAX500BCWE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX500BCWE - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX500.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)



Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



MAX500BEJE

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



MAX5008CUB+T

Analog Devices Inc./Maxim Integrated
IC REG CHRGM PUMP USB 1OUT 10UMAX



MAX5019ESA+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5019CSA+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5015ESA+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5019ESA-T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5014CSA

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX500BCPE+

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



MAX5014ESA+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5019CSA

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX5014ESA

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX500AEJE

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



MAX500ACPE

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



MAX5015ESA

Analog Devices Inc./Maxim Integrated
IC REG CTRLR FLYBACK 8SOIC



MAX500ACWE

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



MAX500AEWE+

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



MAX500ACPE+

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



MAX500BCPE

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

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