



Image may be representation.
See specifications for product details.



MAX543BCSA

Manufacturer Part Number	MAX543BCSA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX543BCSA
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MAX543.pdf

Get a Quote

MAX543BCSA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX543BCSA datasheet/specifications on AllelcoElec.com. Request a quote for MAX543BCSA, please send us email: info@allelco.com

Specifications

MAX543BCSA Tech Specifications
MAX543BCSA - 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	5V, 11.4V ~ 15.75V	Number of D/A Converters	1
Voltage - Supply, Analog	5V, 11.4V ~ 15.75V	Number of Bits	12
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Settling Time	1µs	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX543
Package	Tube	Architecture	R-2R
Output Type	Current - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX543BCSA

Product Attribute				
Part Number	MAX543BCSA	MAX543BCWE+	MAX543ACPA	MAX543ACPA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Bits	12	12	12	12
Base Product Number	MAX543	MAX543	MAX543	MAX543
Voltage - Supply, Analog	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V
Data Interface	SPI	SPI	SPI	SPI
Architecture	R-2R	R-2R	R-2R	R-2R
Package	Tube	Tube	Tube	Tube
Settling Time	1µs	1µs	1µs	1µs
Voltage - Supply, Digital	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V	5V, 11.4V ~ 15.75V
Series	-	-	-	-
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)
Reference Type	External	External	External	External
Number of D/A Converters	1	1	1	1
Differential Output	No	No	No	No
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±0.5 (Max), ±0.5 (Max)	±0.5 (Max), ±0.5 (Max)
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Supplier Device Package	8-SOIC	16-SOIC	8-PDIP	8-PDIP

MAX543BCSA Datasheet PDF

Download MAX543BCSA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX543BCSA - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX543.pdf](#)

Environmental Information


[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)


Part Numbering Guide

[Part Numbering System.pdf](#)

 Mult Dev OBS 04/Sep/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

 MAX543BCWE+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 16SOIC	 MAX543ACPA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX543ACPA+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX5439EUD+ Analog Devices Inc./Maxim Integrated IC DGT POT 100KOHM 128TP 14TSSOP	 MAX543AESA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8SOIC	 MAX543AMJA Analog Devices Inc./Maxim Integrated IC INTEGRATED CIRCUIT
 MAX543BEPA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX543BMJA Analog Devices / Maxim Integrated	 MAX543BEPA+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX543BCPA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX543BESA+T Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8SOIC	 MAX543BCWE+T Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 16SOIC
 MAX543BCPA+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8DIP	 MAX543ACSA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8SOIC	 MAX543ACSA+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8SOIC	 MAX543BEWE Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 16SOIC	 MAX543ACWE Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 16SOIC	 MAX543BESA Analog Devices Inc./Maxim Integrated IC DAC 12BIT A-OUT 8SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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