



Image may be representation.
See specifications for product details.



MAX538BCSA+

Manufacturer Part Number	MAX538BCSA+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX538BCSA+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	MAX531/38/39.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX538BCSA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX538BCSA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX538BCSA+, please send us email: info@allelco.com

Specifications

MAX538BCSA+ Tech Specifications

MAX538BCSA+ - 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	Number of D/A Converters	1
Voltage - Supply, Analog	5V	Number of Bits	12
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Settling Time	25µs (Typ)	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	MAX538
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 MAX538BCSA+

Product Attribute				
Part Number	MAX538BCSA+	MAX538BCPA+	MAX538BESA	MAX5385EZT-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Differential Output	No	No	No	No
Architecture	R-2R	R-2R	R-2R	Current Steering
Voltage - Supply, Digital	5V	5V	5V	2.7V ~ 5.5V
Series	-	-	-	-
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±1 (Max)
Base Product Number	MAX538	MAX538	MAX538	MAX5385
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Settling Time	25µs (Typ)	25µs (Typ)	25µs (Typ)	20µs (Typ)
Number of D/A Converters	1	1	1	1
Data Interface	SPI	SPI	SPI	SPI
Number of Bits	12	12	12	8
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300', 7.62mm)	8-SOIC (0.154', 3.90mm Width)	SOT-23-6 Thin, TSOT-23-6
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Reference Type	External	External	External	Internal
Package	Tube	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	TSOT-23-6
Voltage - Supply, Analog	5V	5V	5V	2.7V ~ 5.5V

MAX538BCSA+ Datasheet PDF

Download MAX538BCSA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX538BCSA+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX531/38/39.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)



Damage from a Lightning Bolt or a Spark.pdf



How Signal Chains and PLCs Impact Our Lives.pdf

Customers Also Interested in

Recommended Products



MAX538BCPA+

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8DIP



MAX5393MAUD+

Analog Devices Inc./Maxim Integrated
IC DGT POT 50KOHM 256TAP 14TSSOP



MAX538BESA

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8SOIC



MAX5385EZT+T

Analog Devices Inc./Maxim Integrated
IC DAC 8BIT V-OUT TSOT23-6



MAX5393NAUD+

Analog Devices Inc./Maxim Integrated
IC DGT POT 100KOHM 256TAP 14TSSOP



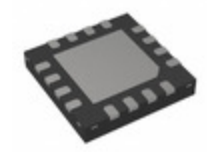
MAX538BCPA

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8DIP



MAX538BCSA

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8SOIC



MAX5386MATE+T

Analog Devices Inc./Maxim Integrated
IC DGT POT 50KOHM 256TAP 16TQFN



MAX538BEPA

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8DIP



MAX5388MAUB+

Analog Devices Inc./Maxim Integrated
IC DGTL POT 50KOHM 256TAP 10UMAX



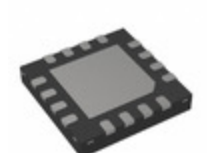
MAX5388LAUB+

Analog Devices Inc./Maxim Integrated
IC DGTL POT 10KOHM 256TAP 10UMAX



MAX538AESA+

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8SOIC



MAX5386LATE+T

Analog Devices Inc./Maxim Integrated
IC DGT POT 10KOHM 256TAP 16TQFN



MAX5387LAUD+

Analog Devices Inc./Maxim Integrated
IC DGT POT 10KOHM 256TAP 14TSSOP



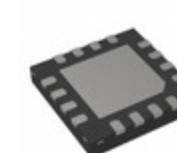
MAX538BESA+T

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8SOIC



MAX538BCSA+T

Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 8SOIC



MAX5391NATE+T

Analog Devices Inc./Maxim Integrated
IC DGT POT 100KOHM 256TAP 16TQFN



MAX5394NATA+T

Analog Devices Inc./Maxim Integrated
IC DGTL POT 100KOHM 256TAP 8TDFN



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

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Certifications & Memberships



View More

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