



Image may be representation.
See specifications for product details.



MAX541AESA+

Manufacturer Part Number	MAX541AESA+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX541AESA+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 16BIT V-OUT 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	MAX541-42.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX541AESA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX541AESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX541AESA+, please send us email: info@allelco.com

Specifications

MAX541AESA+ Tech Specifications

MAX541AESA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	5V	Number of D/A Converters	1
Voltage - Supply, Analog	5V	Number of Bits	16
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Settling Time	1µs (Typ)	INL/DNL (LSB)	±0.5, ±0.5
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	MAX541
Package	Tube	Architecture	R-2R
Output Type	Voltage - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX541AESA+

Product Attribute				
Part Number	MAX541AESA+	MAX541ACSA	MAX541BESA	MAX541BESA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Bits	16	16	16	16
Output Type	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Unbuffered
Voltage - Supply, Digital	5V	5V	5V	5V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Architecture	R-2R	R-2R	R-2R	R-2R
Reference Type	External	External	External	External
Data Interface	SPI	SPI	SPI	SPI
Series	-	-	-	-
Settling Time	1µs (Typ)	1µs (Typ)	1µs (Typ)	1µs (Typ)
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Differential Output	No	No	No	No
Voltage - Supply, Analog	5V	5V	5V	5V
Base Product Number	MAX541	MAX541	MAX541	MAX541
INL/DNL (LSB)	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5
Number of D/A Converters	1	1	1	1
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Package	Tube	Tube	Tube	Tube

MAX541AESA+ Datasheet PDF

Download MAX541AESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX541AESA+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX541-42.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.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



Bench Characterization of ADCs Using a Low-Cost PC.pdf



DAC and Op Amp Generate Variable Negative Control .pdf

Customers Also Interested in

Recommended Products



MAX541ACSA

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



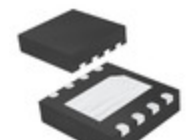
MAX541BESA

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



MAX5418PETA+T

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



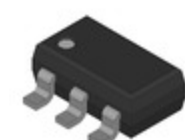
MAX5418META+T

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



MAX541BESA+

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



MAX5424ETA

Analog Devices Inc./Maxim Integrated
256-TAP, NVM, SPI, DIGIPOT



MAX541BCSA

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



MAX5422ETA+T

Analog Devices Inc./Maxim Integrated
IC DGTL POT 50KOHM 256TAP 8TDFN



MAX5418LETA+T

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



MAX541CCSA

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



MAX5418PETA+

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



MAX541AEPA

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



MAX541AESA

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



MAX541CCSA+T

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



MAX541BCPA+

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



MAX541AESA+T

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



MAX541ACSA+T

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



MAX541CESA

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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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