



Image may be representation.
See specifications for product details.



MAX4163ESA+T

Manufacturer Part Number	MAX4163ESA+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4163ESA+T
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MAX4162-64.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX4163ESA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4163ESA+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX4163ESA+T, please send us email: info@allelco.com

Specifications

MAX4163ESA+T Tech Specifications
MAX4163ESA+T - 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 Span (Min)	2.5 V	Number of Circuits	2
Voltage - Supply Span (Max)	10 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Gain Bandwidth Product	200 kHz
Supplier Device Package	8-SOIC	Current - Supply	25µA (x2 Channels)
Slew Rate	0.115V/µs	Current - Output / Channel	15 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX4163
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4163ESA+T

Product Attribute				
Part Number	MAX4163ESA+T	MAX4163EUA-T	MAX4165EUK	MAX4163ESA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Input Bias	1 pA	1 pA	50 nA	1 pA
Gain Bandwidth Product	200 kHz	200 kHz	5 MHz	200 kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Slew Rate	0.115V/µs	0.115V/µs	2V/µs	0.115V/µs
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Input Offset	500 µV	500 µV	350 µV	500 µV
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tube
Supplier Device Package	8-SOIC	8-uMAX/uSOP	SOT-23-5	8-SOIC
Voltage - Supply Span (Max)	10 V	10 V	6.5 V	10 V
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.7 V	2.5 V
Current - Output / Channel	15 mA	15 mA	125 mA	15 mA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Circuits	2	2	1	2
Current - Supply	25µA (x2 Channels)	25µA (x2 Channels)	1.3mA	25µA (x2 Channels)
Base Product Number	MAX4163	MAX4163	-	MAX4163

MAX4163ESA+T Datasheet PDF

Download MAX4163ESA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4163ESA+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX4162-64.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Application Notes



Charging Lithium Batteries with a Nonstandard Term.pdf



Constant-Power Driver Is Simple, Efficient, and In.pdf



Layout Considerations for High-Power Circuits.pdf



The Quick Guide to Layout Considerations for the L.pdf

Customers Also Interested in

Recommended Products



MAX4163EUA-T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8UMAX



MAX4158ESA+T

Analog Devices Inc./Maxim Integrated
IC AMP MPLEX AMP 8SOIC



MAX4165EUK

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4163ESA+

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8SOIC



MAX4162ESA+

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT 8SOIC



MAX4165EUK+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4162EUK-T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4162ESA

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT 8SOIC



MAX4162ESA+T

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IC OPAMP GP 1 CIRCUIT 8SOIC



MAX4165EUK-T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4163EUA

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8UMAX



MAX4164ESD+

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 4 CIRCUIT 14SOIC



MAX4162EUK+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4163EUA+

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8UMAX



MAX4163EUA+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8UMAX



MAX4163ESA

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8SOIC



MAX4164ESD

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 4 CIRCUIT 14SOIC



MAX4164ESD+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 4 CIRCUIT 14SOIC

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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