



Image may be representation.  
See specifications for product details.



## MAX4163ESA+

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

**Get a Quote**

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

## Specifications

MAX4163ESA+ Tech Specifications

MAX4163ESA+ - 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	Tube	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+

Product Attribute				
Part Number	MAX4163ESA+	MAX4162ESA+T	MAX4163ESA	MAX4162EUK+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Input Offset	500 µV	500 µV	500 µV	500 µV
Voltage - Supply Span (Min)	2.5 V	2.7 V	2.5 V	2.7 V
Number of Circuits	2	1	2	1
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Slew Rate	0.115V/µs	0.115V/µs	0.115V/µs	0.115V/µs
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	SOT-23-5
Current - Supply	25µA (x2 Channels)	25µA	25µA (x2 Channels)	25µA
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Current - Output / Channel	15 mA	15 mA	15 mA	15 mA
Gain Bandwidth Product	200 kHz	200 kHz	200 kHz	200 kHz
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	MAX4163	MAX4162	MAX4163	MAX4162
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Max)	10 V	10 V	10 V	10 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-

## MAX4163ESA+ Datasheet PDF

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



#### MAX4162ESA+T

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



#### MAX4163ESA

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



#### MAX4162EUK+T

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



#### MAX4158ESA+T

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



#### MAX4162ESA+

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



#### MAX4163ESA+T

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



#### MAX4163EUA-T

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



#### MAX4165EUK

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



#### MAX4164ESD

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



#### MAX4165EUK+T

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



#### MAX4163EBL-T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 9UCSP



#### MAX4163EUA+T

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



#### MAX4162EUK-T

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



#### MAX4164ESD+

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



#### MAX4163EUA

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



#### MAX4162ESA

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



#### MAX4164ESD+T

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



#### MAX4163EUA+

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

## 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

info@allelco.com

## Certifications & Memberships



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