



Image may be representation.  
See specifications for product details.



## MAX4251ESA

Manufacturer Part Number	<b>MAX4251ESA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4251ESA
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX4249-57.pdf</b>

**Get a Quote**

MAX4251ESA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4251ESA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4251ESA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4251ESA Tech Specifications  
MAX4251ESA - 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)	2.4 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	70 µV	Gain Bandwidth Product	3 MHz
Supplier Device Package	8-SOIC	Current - Supply	420µA
Slew Rate	0.3V/µs	Current - Output / Channel	68 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX4251
Package	Tube	Amplifier Type	General Purpose
Output Type	Push-Pull, Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4251ESA

Product Attribute				
Part Number	MAX4251ESA	MAX4252ESA+	MAX4251ESA-T	MAX4252EUA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	MAX4251	MAX4252	MAX4251	MAX4252
Voltage - Input Offset	70 µV	70 µV	70 µV	70 µV
Current - Supply	420µA	420µA (x2 Channels)	420µA	420µA (x2 Channels)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output / Channel	68 mA	68 mA	68 mA	68 mA
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Slew Rate	0.3V/µs	0.3V/µs	0.3V/µs	0.3V/µs
Current - Input Bias	1 pA	0.1 pA	1 pA	0.1 pA
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-uMAX/uSOP
Number of Circuits	1	2	1	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Output Type	Push-Pull, Rail-to-Rail	Push-Pull, Rail-to-Rail	Push-Pull, Rail-to-Rail	Push-Pull, Rail-to-Rail
Gain Bandwidth Product	3 MHz	3 MHz	3 MHz	3 MHz
Series	-	-	-	-
Voltage - Supply Span (Min)	2.4 V	2.4 V	2.4 V	2.4 V

### MAX4251ESA Datasheet PDF

Download MAX4251ESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4251ESA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX4249-57.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)



EOL 15/Jan/2016.pdf

## Customers Also Interested in

### Recommended Products

**MAX4252ESA+**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC**MAX4250EUK - T**

Analog Devices / Maxim Integrated

**MAX4251ESA-T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8SOIC**MAX4250EEG-T**

Analog Devices / Maxim Integrated

**MAX4252EUA+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX**MAX4250EUK**

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**MAX4251EUA+**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8UMAX**MAX4252EUA**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX**MAX4250EUK+**

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**MAX4250AAUK+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT SOT23-5**MAX4252ESA+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC**MAX4246AUA+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX**MAX4251ESA+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8SOIC**MAX4250EUK-T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT SOT23-5**MAX4250EUK+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT SOT23-5**MAX4252ESA**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC**MAX4246ASA+T**Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC**MAX4246AUA-TG096**

Analog Devices / Maxim Integrated

## 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.



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Email

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## Certifications & Memberships



View More

### Contact us

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