

Image may be representation.  
See specifications for product details.



## MAX4194ESA+

Manufacturer Part Number	<b>MAX4194ESA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4194ESA+
ECAD Model	Request Free CAD Models
Parts Description	IC INST AMP 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX4194-97.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX4194ESA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4194ESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX4194ESA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4194ESA+ Tech Specifications

MAX4194ESA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	2.7 V	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Max)	7.5 V	Number of Circuits	1
Voltage - Input Offset	100 µV	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply	93µA
Slew Rate	0.06V/µs	Current - Input Bias	6 nA
Series	-	Base Product Number	MAX4194
Package / Case	8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Instrumentation
Package	Tube	-3db Bandwidth	250 kHz

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4194ESA+

Product Attribute				
Part Number	MAX4194ESA+	MAX4198EUA+T	MAX4198EUA	MAX418CPD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Tape & Reel (TR)	Tube	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	14-DIP (0.300", 7.62mm)
Voltage - Input Offset	100 µV	100 µV	100 µV	1 mV
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Number of Circuits	1	1	1	4
Slew Rate	0.06V/µs	0.07V/µs	0.07V/µs	0.005V/µs
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.5 V
Voltage - Supply Span (Max)	7.5 V	7.5 V	7.5 V	10 V
Current - Supply	93µA	45µA	45µA	1µA (x4 Channels)
Base Product Number	MAX4194	MAX4198	MAX4198	MAX418
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	-	Beyond-the-Rails™	Beyond-the-Rails™	-
Current - Input Bias	6 nA	-	-	0.1 pA
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C
Supplier Device Package	8-SOIC	8-uMAX/uSOP	8-uMAX/uSOP	14-PDIP
-3db Bandwidth	250 kHz	175 kHz	175 kHz	-
Amplifier Type	Instrumentation	Differential	Differential	General Purpose

## MAX4194ESA+ Datasheet PDF

Download MAX4194ESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4194ESA+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX4194-97.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)


### Part Numbering Guide


[Part Numbering System.pdf](#)

### Application Notes

 Important Design Considerations for Heart-Rate and.pdf

 Introduction to Ventilators and Ventilation Rate M.pdf

 Introduction to Electrocardiographs.pdf

 Level Translators For SPI and I 2C Bus Signals.pdf

## Customers Also Interested in

### Recommended Products



#### MAX4198EUA+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP DIFF 1 CIRCUIT 8UMAX



#### MAX4193CSA

Analog Devices Inc./Maxim Integrated  
IC REG LINEAR STEP UP SWITCHING



#### MAX4193EPA

Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ 525MA 8DIP



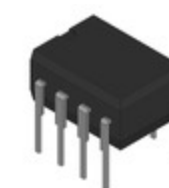
#### MAX4198EUA

Analog Devices Inc./Maxim Integrated  
IC OPAMP DIFF 1 CIRCUIT 8UMAX



#### MAX418CPD

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



#### MAX4193CPA

Analog Devices Inc./Maxim Integrated  
IC REG LINEAR STEP UP SWITCHING



#### MAX418ESD

Analog Devices / Maxim Integrated



#### MAX4195ESA+T

Analog Devices Inc./Maxim Integrated  
IC INST AMP 1 CIRCUIT 8SOIC



#### MAX4198ESA

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



#### MAX418CSD+T

Analog Devices / Maxim Integrated



#### MAX4198ESA+T

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



#### MAX4198ESA+

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



#### MAX4196ESA+T

Analog Devices Inc./Maxim Integrated  
IC INST AMP 1 CIRCUIT 8SOIC



#### MAX4194ESA

Analog Devices Inc./Maxim Integrated  
IC INST AMP 1 CIRCUIT 8SOIC



#### MAX4198EUA+

Analog Devices Inc./Maxim Integrated  
IC OPAMP DIFF 1 CIRCUIT 8UMAX



#### MAX4199EUA

Analog Devices Inc./Maxim Integrated  
IC OPAMP DIFF 1 CIRCUIT 8UMAX



#### MAX4194ESA+T

Analog Devices Inc./Maxim Integrated  
IC INST AMP 1 CIRCUIT 8SOIC



#### MAX418LEUA

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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## Certifications & Memberships



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### Contact us

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