



Image may be representation.  
See specifications for product details.



## MAX4173HESA

Manufacturer Part Number	<b>MAX4173HESA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4173HESA
ECAD Model	Request Free CAD Models
Parts Description	IC CURRENT SENSE 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX4173T/F/H.pdf</b>

**Get a Quote**

MAX4173HESA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4173HESA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4173HESA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4173HESA Tech Specifications  
MAX4173HESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	-
Voltage - Supply Span (Min)	3 V	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Max)	28 V	Number of Circuits	1
Voltage - Input Offset	300 µV	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply	420µA
Slew Rate	-	Current - Input Bias	700 µA
Series	-	Base Product Number	MAX4173
Package / Case	8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Current Sense
Package	Tube	-3db Bandwidth	1.2 MHz

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4173HESA

Product Attribute				
Part Number	MAX4173HESA	MAX4173HEUT	MAX4172EUA+T	MAX4173FEUT+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	300 µV	300 µV	2 mV	300 µV
Current - Supply	420µA	420µA	800µA	420µA
Series	-	-	-	-
Voltage - Supply Span (Min)	3 V	3 V	3 V	3 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Max)	28 V	28 V	32 V	28 V
Current - Input Bias	700 µA	100 µA	50 µA	700 µA
Base Product Number	MAX4173	-	MAX4172	MAX4173
Slew Rate	-	-	-	-
Package	Tube	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	SOT-23-6	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-6
Output Type	-	-	-	-
-3db Bandwidth	1.2 MHz	1.2 MHz	800 kHz	1.4 MHz
Supplier Device Package	8-SOIC	SOT-23-6	8-uMAX/uSOP	SOT-6
Number of Circuits	1	1	1	1
Amplifier Type	Current Sense	Current Sense	Current Sense	Current Sense
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

### MAX4173HESA Datasheet PDF

Download MAX4173HESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4173HESA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX4173T/F/H.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### PCN Obsolescence/ EOL

## Application Notes

DC Error Budget Calculator Simplifies Selection of.pdf



















Protect Current-Sense Amplifiers Against Overvoltage.pdf

Dynamic Siphon Steals Current from USB Port.pdf

Shut Down a Current-Sense Amplifier via Its Supply.pdf

## Customers Also Interested in

### Recommended Products

 <b>MAX4173HEUT</b> Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-6	 <b>MAX4172EUA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	 <b>MAX4173FEUT+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6	 <b>MAX4172EUA+</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	 <b>MAX4173TESA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8SOIC	 <b>MAX4172GUA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX
 <b>MAX4174ADEUK-T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>MAX4173FEUT-T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6	 <b>MAX4173FESA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8SOIC	 <b>MAX4173TEUT</b> Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-6	 <b>MAX4173FESA</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8SOIC	 <b>MAX4173HEUT-T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6
 <b>MAX4173HEUT+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6	 <b>MAX4173HESA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8SOIC	 <b>MAX4173TEUT+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6	 <b>MAX4173TESA</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8SOIC	 <b>MAX4172EUA-T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	 <b>MAX4172EUA</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 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: +00852 9146 4856
- Email: info@allelco.com

## Certifications & Memberships



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