



Image may be representation.  
See specifications for product details.



## MAX4173TESA

|                          |                                  |
|--------------------------|----------------------------------|
| Manufacturer Part Number | <b>MAX4173TESA</b>               |
| Manufacturer             | <b>Maxim Integrated</b>          |
| Allelco Part Number      | 32D-MAX4173TESA                  |
| 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**

MAX4173TESA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4173TESA datasheet/specifications on AllelcoElec.com. Request a quote for MAX4173TESA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4173TESA Tech Specifications  
MAX4173TESA - 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        | 1.7 MHz         |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4173TESA

| Product Attribute           |                                      |                                      |                                      |                                      |
|-----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number                 | MAX4173TESA                          | MAX4178EPA                           | MAX4173HESA                          | MAX4173TESA+T                        |
| Manufacturer                | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated |
| Supplier Device Package     | 8-SOIC                               | 8-PDIP                               | 8-SOIC                               | 8-SOIC                               |
| Amplifier Type              | Current Sense                        | Buffer                               | Current Sense                        | Current Sense                        |
| Voltage - Supply Span (Min) | 3 V                                  | -                                    | 3 V                                  | 3 V                                  |
| Package                     | Tube                                 | Tube                                 | Tube                                 | Tape & Reel (TR)                     |
| Voltage - Input Offset      | 300 µV                               | -                                    | 300 µV                               | 300 µV                               |
| Voltage - Supply Span (Max) | 28 V                                 | -                                    | 28 V                                 | 28 V                                 |
| Number of Circuits          | 1                                    | 1                                    | 1                                    | 1                                    |
| Operating Temperature       | -40°C ~ 85°C                         | -                                    | -40°C ~ 85°C                         | -40°C ~ 85°C                         |
| Series                      | -                                    | *                                    | -                                    | -                                    |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width)        | 8-DIP (0.300", 7.62mm)               | 8-SOIC (0.154", 3.90mm Width)        | 8-SOIC (0.154", 3.90mm Width)        |
| Slew Rate                   | -                                    | 1600V/µs                             | -                                    | -                                    |
| -3db Bandwidth              | 1.7 MHz                              | -                                    | 1.2 MHz                              | 1.7 MHz                              |
| Current - Supply            | 420µA                                | -                                    | 420µA                                | 420µA                                |
| Current - Input Bias        | 700 µA                               | -                                    | 700 µA                               | 700 µA                               |
| Mounting Type               | Surface Mount                        | Through Hole                         | Surface Mount                        | Surface Mount                        |
| Base Product Number         | MAX4173                              | MAX4178                              | MAX4173                              | MAX4173                              |
| Output Type                 | -                                    | -                                    | -                                    | -                                    |

### MAX4173TESA Datasheet PDF

Download MAX4173TESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4173TESA - 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>MAX4178EPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC BUFFER CLSD-LOOP 330MHZ 8-DIP   | <b>MAX4173HESA</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8SOIC  | <b>MAX4173TESA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8SOIC | <b>MAX4173TEUT</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURR SENSE 1 CIRCUIT SOT23-6    | <b>MAX4174AOEUK+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC OPAMP GP 1 CIRCUIT SOT23-5  | <b>MAX4172GUA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8UMAX  |
|                |                |                 |                |              |               |
| <b>MAX4174AGEUK+T</b><br>Analog Devices / Maxim Integrated                                      | <b>MAX4173HEUT-T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT SOT6 | <b>MAX4173FEUT-T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT SOT6  | <b>MAX4173FESA</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8SOIC   | <b>MAX4173TEUT+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT SOT6 | <b>MAX4173HESA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8SOIC |
|              |              |               |              |            |             |
| <b>MAX4173FEUT+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT SOT6 | <b>MAX4174ADEUK-T</b><br>Analog Devices Inc./Maxim Integrated<br>IC OPAMP GP 1 CIRCUIT SOT23-5  | <b>MAX417CPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC OPAMP GP 2 CIRCUIT 8DIP           | <b>MAX4173FESA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT 8SOIC | <b>MAX4173HEUT+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURRENT SENSE 1 CIRCUIT SOT6 | <b>MAX4173HEUT</b><br>Analog Devices Inc./Maxim Integrated<br>IC CURR SENSE 1 CIRCUIT SOT23-6    |

## 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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