



Image may be representation.  
See specifications for product details.



## MAX4070AUA

Manufacturer Part Number	<b>MAX4070AUA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4070AUA
ECAD Model	Request Free CAD Models
Parts Description	IC CURRENT SENSE 1 CIRCUIT 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	MAX4070AUA.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX4070AUA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4070AUA datasheet/specifications on AllelcoElec.com. Request a quote for MAX4070AUA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4070AUA Tech Specifications  
MAX4070AUA - 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)	3.6 V	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Max)	24 V	Number of Circuits	1
Voltage - Input Offset	80 µV	Mounting Type	Surface Mount
Supplier Device Package	8-uMAX/uSOP	Current - Supply	100µA
Slew Rate	-	Current - Input Bias	2.4 µA
Series	-	Base Product Number	MAX4070
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Current Sense
Package	Tube	-3db Bandwidth	100 kHz

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4070AUA

Product Attribute				
Part Number	MAX4070AUA	MAX4072ATA+T	MAX4072ATA-T	MAX406BEPA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Output Type	-	-	-	Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
-3db Bandwidth	100 kHz	100 kHz	100 kHz	-
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WDFN Exposed Pad	8-WDFN Exposed Pad	8-DIP (0.300", 7.62mm)
Voltage - Input Offset	80 µV	80 µV	80 µV	750 µV
Series	-	-	-	-
Number of Circuits	1	1	1	1
Current - Input Bias	2.4 µA	2.4 µA	2.4 µA	0.1 pA
Slew Rate	-	-	-	0.005V/µs
Amplifier Type	Current Sense	Current Sense	Current Sense	General Purpose
Base Product Number	MAX4070	MAX407	MAX4072	MAX406
Package	Tube	Strip	Tape & Reel (TR)	Tube
Current - Supply	100µA	100µA	100µA	1µA
Supplier Device Package	8-uMAX/uSOP	8-TDFN (3x3)	8-TDFN (3x3)	8-PDIP
Voltage - Supply Span (Min)	3.6 V	2.7 V	2.7 V	2.5 V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Voltage - Supply Span (Max)	24 V	24 V	24 V	10 V

### MAX4070AUA Datasheet PDF

Download MAX4070AUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4070AUA - Analog Devices Inc./Maxim Integrated.

#### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

#### Part Numbering Guide

Part Numbering System.pdf

#### Application Notes

Analog ICs for Low Voltage Systems.pdf

DC Error Budget Calculator Simplifies Selection of.pdf

Bi-directional Current-Sense with Single Output.pdf















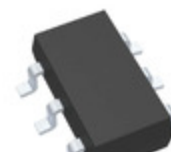



High-Side Current-Sense Measurement: Circuits and .pdf



Multiple Devices 22/Mar/2015.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX4072ATA+T</b> Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT 8TDFN	<b>MAX4072ATA-T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8TDFN	<b>MAX406BEPA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8DIP	<b>MAX4073FAUT</b> Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-6	<b>MAX4070ATA-T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8TDFN	<b>MAX4070AUA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX
					
<b>MAX406BCSA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC	<b>MAX4072AUA+</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	<b>MAX406BCPA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8DIP	<b>MAX4072AUA</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	<b>MAX406BEPA+</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8DIP	<b>MAX406AESA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC
					
<b>MAX4071AUA+</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	<b>MAX406ACSA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC	<b>MAX4073FAUT+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT SOT6	<b>MAX4072AUA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	<b>MAX4071AUA+T</b> Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8UMAX	<b>MAX406AESA+T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC

## 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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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### Certifications & Memberships



View More

### Contact us

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