



Image may be representation.  
See specifications for product details.



## MAX4377TAUA+

Manufacturer Part Number	<b>MAX4377TAUA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4377TAUA+
ECAD Model	Request Free CAD Models
Parts Description	IC CURRENT SENSE 2 CIRCUIT 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>MAX4376-78.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX4377TAUA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4377TAUA+ datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4377TAUA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4377TAUA+ Tech Specifications

MAX4377TAUA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	3 V	Number of Circuits	2
Voltage - Supply Span (Max)	28 V	Mounting Type	Surface Mount
Supplier Device Package	8-uMAX/uSOP	Current - Supply	1mA (x2 Channels)
Slew Rate	10V/μs	Current - Input Bias	120 μA
Series	-	Base Product Number	MAX4377
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Current Sense
Package	Tube	-3db Bandwidth	2 MHz
Output Type	-		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4377TAUA+

Product Attribute				
Part Number	MAX4377TAUA+	MAX4377TASA+T	MAX437CSA	MAX4380EXT+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX4377	MAX4377	MAX437	MAX4380
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	6-TSSOP, SC-88, SOT-363
Supplier Device Package	8-uMAX/uSOP	8-SOIC	8-SOIC	SC-70-6
Amplifier Type	Current Sense	Current Sense	General Purpose	Voltage Feedback
-3db Bandwidth	2 MHz	2 MHz	-	210 MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C
Slew Rate	10V/μs	10V/μs	17V/μs	485V/μs
Current - Supply	1mA (x2 Channels)	1mA (x2 Channels)	-	7.5mA
Voltage - Supply Span (Min)	3 V	3 V	-	4.5 V
Number of Circuits	2	2	1	1
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Output Type	-	-	-	Rail-to-Rail
Voltage - Supply Span (Max)	28 V	28 V	-	11 V
Current - Input Bias	120 μA	120 μA	10 nA	8.5 μA
Series	-	-	-	-

## MAX4377TAUA+ Datasheet PDF

Download MAX4377TAUA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4377TAUA+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX4376-78.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

### Part Numbering Guide

[Part Numbering System.pdf](#)

### Other Related Documents

[Automotive Product Guide.pdf](#)



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Performance of Current-Sense Amplifiers with Input.pdf



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Customers Also Interested in

Recommended Products



**MAX4377TASA+T**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8SOIC



**MAX437CSA**

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



**MAX4380EXT+T**

Analog Devices Inc./Maxim Integrated  
IC OPAMP VFB 1 CIRCUIT SC70-6



**MAX4377FASA+T**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8SOIC



**MAX437CPA**

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8DIP



**MAX4377FAUA**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8UMAX



**MAX4376TAUK+T**

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT SOT23-5



**MAX4376HAUK/V+T**

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT SOT23-5



**MAX4378TAUD**

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 4 CIRCUIT 14TSSOP



**MAX4380EUT+T**

Analog Devices Inc./Maxim Integrated  
IC VOLTAGE FEEDBACK 1 CIRC SOT6



**MAX437EPA**

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8DIP



**MAX437ESA**

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



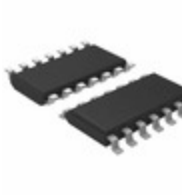
**MAX4380EXT**

Analog Devices Inc./Maxim Integrated  
IC OPAMP VFB 1 CIRCUIT SC70-6



**MAX4377TAUA+T**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8UMAX



**MAX4377HAUA+**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8UMAX



**MAX4378HASD+T**

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 4 CIRCUIT 14SOIC



**MAX4377HAUA**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 CIRCUIT 8UMAX

**MAX4377TAUA**

Analog Devices Inc./Maxim Integrated  
IC CURRENT SENSE 2 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



View More

Contact us

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