



Image may be representation.
See specifications for product details.



MAX4080SAUA+

Manufacturer Part Number	MAX4080SAUA+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4080SAUA+
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	MAX4080,81.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX4080SAUA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4080SAUA+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX4080SAUA+, please send us email: info@allelco.com

Specifications

MAX4080SAUA+ Tech Specifications

MAX4080SAUA+ - 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)	4.5 V	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Max)	76 V	Number of Circuits	1
Voltage - Input Offset	100 µV	Mounting Type	Surface Mount
Supplier Device Package	8-uMAX/uSOP	Current - Supply	75µA
Slew Rate	-	Current - Input Bias	5 µA
Series	-	Base Product Number	MAX4080
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Current Sense
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 MAX4080SAUA+

Product Attribute				
Part Number	MAX4080SAUA+	MAX4080TAUA-T	MAX4080FASA	MAX4080TASA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Amplifier Type	Current Sense	Current Sense	Current Sense	Current Sense
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Input Bias	5 µA	5 µA	5 µA	5 µA
Voltage - Input Offset	100 µV	100 µV	100 µV	100 µV
Voltage - Supply Span (Max)	76 V	76 V	76 V	76 V
Slew Rate	-	-	-	-
-3db Bandwidth	250 kHz	250 kHz	250 kHz	250 kHz
Output Type	-	-	-	-
Number of Circuits	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	8-SOIC	8-SOIC
Package	Tube	Tape & Reel (TR)	Tube	Tube
Voltage - Supply Span (Min)	4.5 V	4.5 V	4.5 V	4.5 V
Base Product Number	MAX4080	MAX4080	MAX4080	MAX4080
Current - Supply	75µA	75µA	75µA	75µA

MAX4080SAUA+ Datasheet PDF

Download MAX4080SAUA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4080SAUA+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX4080,81.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Application Notes



40W Single Port MAX5971A Current Sensing.pdf



DC Error Budget Calculator Simplifies Selection of.pdf

Customers Also Interested in

Recommended Products



MAX4080TAUA-T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080FASA

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080TASA

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080FASA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080SASA

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080SASA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080FAUA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080TAUA+

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080TASA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080TAUA

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080SAUA-T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080FAUA+

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080SASA+

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8SOIC

MAX4080SAUA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080TAUA+T

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX407ESA+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 2 CIRCUIT 8SOIC

MAX4080SAUA

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 1 CIRCUIT 8UMAX

MAX4080TASA+

Analog Devices Inc./Maxim Integrated
IC CURRENT SENSE 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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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