

Image may be representation.  
See specifications for product details.



## MAX9920ASA+T

Manufacturer Part Number	<b>MAX9920ASA+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX9920ASA+T
ECAD Model	Request Free CAD Models
Parts Description	IC CURRENT SENSE 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>MAX9918-20.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX9920ASA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX9920ASA+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX9920ASA+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX9920ASA+T Tech Specifications  
MAX9920ASA+T - 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)	4.5 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	480 µV	Current - Supply	1mA
Supplier Device Package	8-SOIC-EP	Current - Output / Channel	44 mA
Slew Rate	1.5V/µs	Current - Input Bias	175 µA
Series	-	Base Product Number	MAX9920
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Amplifier Type	Current Sense
Package	Tape & Reel (TR)	-3db Bandwidth	230 kHz
Output Type	Rail-to-Rail		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX9920ASA+T

Product Attribute				
Part Number	MAX9920ASA+T	MAX9922EUB+T	MAX9923HEUB+T	MAX9919NASA/V+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Input Bias	175 µA	1 pA	1 pA	175 µA
Slew Rate	1.5V/µs	0.4V/µs	0.4V/µs	3V/µs
Amplifier Type	Current Sense	Current Sense	Current Sense	Current Sense
Base Product Number	MAX9920	MAX9922	MAX9923	MAX9919
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset	480 µV	0.1 µV	0.2 µV	400 µV
-3db Bandwidth	230 kHz	10 kHz	10 kHz	120 kHz
Current - Output / Channel	44 mA	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Series	-	-	-	Automotive
Voltage - Supply Span (Min)	4.5 V	2.85 V	2.85 V	4.75 V
Output Type	Rail-to-Rail	-	-	Rail-to-Rail
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Supplier Device Package	8-SOIC-EP	10-uMAX/uSOP	10-uMAX/uSOP	8-SOIC-EP
Current - Supply	1mA	780µA	780µA	1mA
Number of Circuits	1	1	1	1

## MAX9920ASA+T Datasheet PDF

Download MAX9920ASA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX9920ASA+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX9918-20.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

### Part Numbering Guide

[Part Numbering System.pdf](#)

## Application Notes



DC Error Budget Calculator Simplifies Selection of.pdf



Overview of Sensor Signal Paths.pdf



Overview of Industrial Motor Control Systems.pdf

## Customers Also Interested in

### Recommended Products



#### MAX9922EUB+T

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT 10UMAX



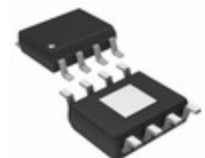
#### MAX9921AUB+T

Analog Devices Inc./Maxim Integrated  
IC SENSOR HALL EFFECT 10-MSOP



#### MAX9923HEUB+T

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT 10UMAX



#### MAX9919NASA/V+T

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



#### MAX9923HEUB+

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT 10UMAX



#### MAX9921AUB/V+T

Analog Devices Inc./Maxim Integrated  
IC HALL EFFECT SENSOR DL 10UMAX



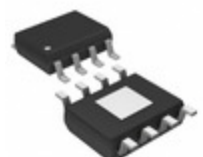
#### MAX991EUA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8UMAX



#### MAX991EUA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8UMAX



#### MAX9920ASA/V+T

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



#### MAX991ESA+

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8SOIC



#### MAX991ESA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8SOIC



#### MAX9923TEUB+T

Analog Devices Inc./Maxim Integrated  
IC CURR SENSE 1 CIRCUIT 10UMAX



#### MAX9921AUB/V+TC40

Analog Devices Inc./Maxim Integrated  
DUAL, 2-WIRE HALL-EFFECT SENSOR



#### MAX991ESA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8SOIC



#### MAX9919NASA+T

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



#### MAX991EKA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR SOT23-8



#### MAX991EUA+

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 2 GEN PUR 8UMAX



#### MAX9921AUB/V+

Analog Devices Inc./Maxim Integrated  
IC HALL EFFECT SENSOR DL 10UMAX

## 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

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Email

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## Certifications & Memberships



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