



MAX9637AXA+T

Manufacturer Part Number	MAX9637AXA+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX9637AXA+T
ECAD Model	Request Free CAD Models
Parts Description	IC CMOS 2 CIRCUIT SC70-8
Package	8-TFSOP (0.049", 1.25mm Width)
Data sheet	MAX9636-38.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

MAX9637AXA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX9637AXA+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX9637AXA+T, please send us email: info@allelco.com

Specifications

MAX9637AXA+T Tech Specifications

MAX9637AXA+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)	2.1 V	Number of Circuits	2
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	300 µV	Gain Bandwidth Product	1.5 MHz
Supplier Device Package	SC-70-8	Current - Supply	36µA (x2 Channels)
Slew Rate	0.9V/µs	Current - Output / Channel	55 mA
Series	-	Current - Input Bias	0.1 pA
Package / Case	8-TFSOP (0.049", 1.25mm Width)	Base Product Number	MAX9637
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX9637AXA+T

Product Attribute				
Part Number	MAX9637AXA+T	MAX9643TASA+T	MAX9636AXT+T	MAX9634WEUK+T
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	-	Rail-to-Rail	-
Number of Circuits	2	1	1	1
Gain Bandwidth Product	1.5 MHz	15 MHz	1.5 MHz	125 kHz
Series	-	-	-	nanoPower
Current - Input Bias	0.1 pA	35 µA	0.1 pA	-
Current - Output / Channel	55 mA	3.39 mA	55 mA	-
Voltage - Input Offset	300 µV	10 µV	300 µV	100 µV
Slew Rate	0.9V/µs	12V/µs	0.9V/µs	-
Package / Case	8-TFSOP (0.049", 1.25mm Width)	8-WDFDN Exposed Pad	6-TSSOP, SC-88, SOT-363	SC-74A, SOT-753
Amplifier Type	CMOS	Current Sense	General Purpose	Current Sense
Current - Supply	36µA (x2 Channels)	1mA	36µA	1.1µA
Base Product Number	MAX9637	MAX9643	MAX9636	MAX9634
Supplier Device Package	SC-70-8	8-DFN (3x2)	SC-70-6	SOT-23-5
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Voltage - Supply Span (Min)	2.1 V	2.7 V	2.1 V	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply Span (Max)	5.5 V	36 V	5.5 V	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MAX9637AXA+T Datasheet PDF

Download MAX9637AXA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX9637AXA+T - Analog Devices Inc./Maxim Integrated.

Environmental Information



Maxim Integrated REACH.pdf



Maxim Integrated RoHS Cert.pdf

Part Numbering Guide



Part Numbering System.pdf

















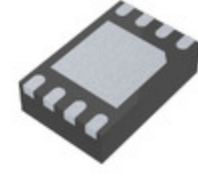

HTML Datasheet



MAX9636-38.pdf

Customers Also Interested in

Recommended Products

 <p>MAX9643TASA+T Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8DFN</p>	 <p>MAX9636AXT+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SC70-6</p>	 <p>MAX9634WEUK+T Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-5</p>	 <p>MAX9643TATA+T Maxim Integrated IC OPAMP CURR SENSE 15MHZ 8TDFN</p>	 <p>MAX9647AUK+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SOT23-5</p>	 <p>MAX963ESD+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 14SOIC</p>
 <p>MAX9634WERS+T Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 4UCSP</p>	 <p>MAX963ESD Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 14SOIC</p>	 <p>MAX9634TEUK+T Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-5</p>	 <p>MAX9634TERS+T Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 4UCSP</p>	 <p>MAX9635EDT+T Analog Devices Inc./Maxim Integrated SENSOR OPT AMBIENT 60TDFN</p>	 <p>MAX9645EUK+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SOT23-5</p>
 <p>MAX9634HERS+T Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 4UCSP</p>	 <p>MAX9638AVB+T Analog Devices Inc./Maxim Integrated IC CMOS 2 CIRCUIT 10UTQFN</p>	 <p>MAX9646EBS+TCK0 OSRAM Opto (ams OSRAM) IC</p>	 <p>MAX9647AXK+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SC70-5</p>	 <p>MAX9643UATA+T Analog Devices Inc./Maxim Integrated IC CURRENT SENSE 1 CIRCUIT 8TDFN</p>	 <p>MAX9634HEUK+T Analog Devices Inc./Maxim Integrated IC CURR SENSE 1 CIRCUIT SOT23-5</p>

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.

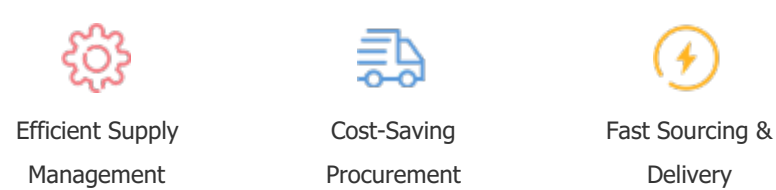
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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