



Image may be representation.
See specifications for product details.



MAX9031AUK+T

Manufacturer Part Number	MAX9031AUK+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX9031AUK+T
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 1 GEN PUR SOT23-5
Package	SC-74A, SOT-753
Data sheet	MAX9030-32,34.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX9031AUK+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX9031AUK+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX9031AUK+T, please send us email: info@allelco.com

Specifications

MAX9031AUK+T Tech Specifications
MAX9031AUK+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, Single/Dual (±)	2.5V ~ 5.5V	Number of Elements	1
Voltage - Input Offset (Max)	1mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	4mV
Supplier Device Package	SOT-23-5	Current - Quiescent (Max)	55µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	228ns	Current - Input Bias (Max)	0.008µA @ 5V
Package / Case	SC-74A, SOT-753	CMRR, PSRR (Typ)	100dB CMRR, 100dB PSRR
Package	Tape & Reel (TR)	Base Product Number	MAX9031
Output Type	CMOS, Rail-to-Rail, TTL		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX9031AUK+T

Product Attribute				
Part Number	MAX9031AUK+T	MAX9032ASA+	MAX902ESD+T	MAX9030AXT-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Hysteresis	4mV	4mV	-	4mV
Voltage - Supply, Single/Dual (±)	2.5V ~ 5.5V	2.5V ~ 5.5V	5V ~ 10V, ±2.5V ~ 5V	2.5V ~ 5.5V
Number of Elements	1	2	2	1
Supplier Device Package	SOT-23-5	8-SOIC	14-SOIC	SC-70-6
CMRR, PSRR (Typ)	100dB CMRR, 100dB PSRR	100dB CMRR, 100dB PSRR	82.5dB CMRR, 80dB PSRR	100dB CMRR, 100dB PSRR
Voltage - Input Offset (Max)	1mV @ 5V	1mV @ 5V	4mV @ ±5V	1mV @ 5V
Current - Quiescent (Max)	55µA	55µA	8mA, 6mA, 3mA	55µA
Type	General Purpose	General Purpose	with Latch	General Purpose
Output Type	CMOS, Rail-to-Rail, TTL	CMOS, Rail-to-Rail, TTL	TTL	CMOS, Rail-to-Rail, TTL
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C
Propagation Delay (Max)	228ns	228ns	-	228ns
Series	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	6-TSSOP, SC-88, SOT-363
Current - Input Bias (Max)	0.008µA @ 5V	0.008µA @ 5V	10µA @ ±5V	0.008µA @ 5V
Current - Output (Typ)	-	-	-	-
Base Product Number	MAX9031	MAX9032	MAX902	MAX9030
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MAX9031AUK+T Datasheet PDF

Download MAX9031AUK+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX9031AUK+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX9030-32,34.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)



















[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Customers Also Interested in

Recommended Products

 MAX9030AXT-TG096 Analog Devices / Maxim Integrated	 MAX9032ASA+ Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	 MAX902ESD+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 W/LATCH 14SOIC	 MAX9030AXT-T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SC70-6	 MAX9032ASA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	 MAX9031AXK+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SC70-5
 MAX9031AEUK Analog Devices / Maxim Integrated	 MAX9030AXT+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SC70-6	 MAX9032AKA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR SOT23-8	 MAX9031AUK Analog Devices / Maxim Integrated	 MAX9032AKA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR SOT23-8	 MAX9030AXT Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SC70-6
 MAX9030AXT+ Analog Devices / Maxim Integrated	 MAX9032ASA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	 MAX9032AUA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	 MAX9030AUT+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR SOT6	 MAX9034AUD Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14TSSOP	 MAX9032ASA/V+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 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

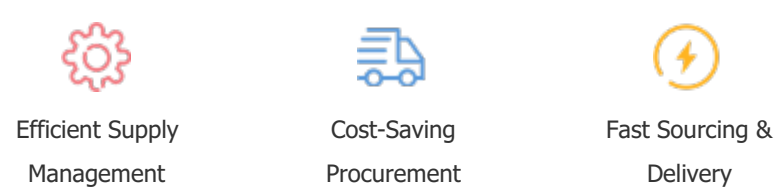
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

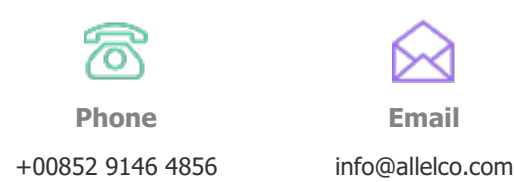
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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