

Image may be representation.  
See specifications for product details.



## MAX9140EUK+T

Manufacturer Part Number	<b>MAX9140EUK+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX9140EUK+T
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 1 GEN PUR SOT23-5
Package	SC-74A, SOT-753
Data sheet	<b>MAX9140-42,44.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX9140EUK+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX9140EUK+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX9140EUK+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX9140EUK+T Tech Specifications  
MAX9140EUK+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 ~ 85°C
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	Number of Elements	1
Voltage - Input Offset (Max)	2mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	1.5mV
Supplier Device Package	SOT-23-5	Current - Quiescent (Max)	300µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	40ns	Current - Input Bias (Max)	0.32µA @ 5V
Package / Case	SC-74A, SOT-753	CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR
Package	Tape & Reel (TR)	Base Product Number	MAX9140
Output Type	CMOS, Push-Pull, TTL		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX9140EUK+T

Product Attribute				
Part Number	MAX9140EUK+T	MAX913MJA	MAX9142EKA+T	MAX9140AAXK+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	SOT-23-5	8-CERDIP	SOT-23-8	SC-70-5
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	5V ~ 10V	2.7V ~ 5.5V	2.7V ~ 5.5V
Current - Output (Typ)	-	20mA	-	-
Current - Quiescent (Max)	300µA	10mA	300µA	400µA
Type	General Purpose	with Latch	General Purpose	General Purpose
Number of Elements	1	1	2	1
Voltage - Input Offset (Max)	2mV @ 5V	2mV @ ±5V	2mV @ 5V	6mV @ 5V
Base Product Number	MAX9140	MAX913	MAX9142	MAX9140
Series	-	-	-	-
Package / Case	SC-74A, SOT-753	8-CDIP (0.300", 7.62mm)	SOT-23-8	5-TSSOP, SC-70-5, SOT-353
Output Type	CMOS, Push-Pull, TTL	Complementary, TTL	CMOS, Push-Pull, TTL	CMOS, Push-Pull, TTL
Current - Input Bias (Max)	0.32µA @ 5V	5µA @ ±5V	0.32µA @ 5V	0.35µA @ 5V
CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR	110dB CMRR, 100dB PSRR	81.94dB CMRR, 81.94dB PSRR	61.41dB CMRR, 61.94dB PSRR
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 125°C
Hysteresis	1.5mV	-	1.5mV	1.5mV
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Propagation Delay (Max)	40ns	14ns	40ns	40ns
Package	Tape & Reel (TR)	Bag	Tape & Reel (TR)	Tape & Reel (TR)

### MAX9140EUK+T Datasheet PDF

Download MAX9140EUK+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX9140EUK+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX9140-42,44.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

## Other Related Documents



Automotive Product Guide.pdf

## Application Notes



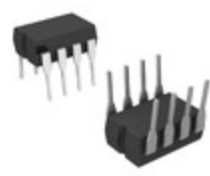
Selecting the Right Comparator.pdf



Long Twisted Pair Reads Digital Temperature Sensor.pdf

## Customers Also Interested in

### Recommended Products



#### MAX913MJA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8CERDIP



#### MAX9142EKA+T

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



#### MAX9140AAXK+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SC70-5



#### MAX9142ESA

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



#### MAX9140AAXK/V+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SC70-5



#### MAX9140EUK

Analog Devices / Maxim Integrated



#### MAX913ESA+

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8SOIC



#### MAX9141EKA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH SOT23-8



#### MAX913ESA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8SOIC



#### MAX9140AAUK+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SOT23-5



#### MAX913ESA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8SOIC



#### MAX9140EXK+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SC70-5



#### MAX9140EUK-T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SOT23-5



#### MAX913EPA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8DIP



#### MAX9142ESA+T

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



#### MAX9140EXK-T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 GEN PUR SC70-5



#### MAX9141ESA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 8SOIC



#### MAX913EUA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/LATCH 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

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## Certifications & Memberships



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