



Image may be representation.  
See specifications for product details.



## MAX931ESA+

Manufacturer Part Number	<b>MAX931ESA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX931ESA+
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 1 W/VOLT REF 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>MAX931-934.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX931ESA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX931ESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX931ESA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX931ESA+ Tech Specifications  
MAX931ESA+ - 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 (±)	2.5V ~ 11V, ±1.25V ~ 5.5V	Number of Elements	1
Voltage - Input Offset (Max)	10mV @ 5V	Mounting Type	Surface Mount
Type	with Voltage Reference	Hysteresis	50mV
Supplier Device Package	8-SOIC	Current - Quiescent (Max)	4µA
Series	-	Current - Output (Typ)	0.015mA @ 5V
Propagation Delay (Max)	12µs	Current - Input Bias (Max)	-
Package / Case	8-SOIC (0.154', 3.90mm Width)	CMRR, PSRR (Typ)	80dB CMRR, 80dB PSRR
Package	Tube	Base Product Number	MAX931
Output Type	CMOS, TTL		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX931ESA+

Product Attribute				
Part Number	MAX931ESA+	MAX931CUA+T	MAX931CPA+	MAX931CSA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Hysteresis	50mV	50mV	50mV	50mV
Current - Input Bias (Max)	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Base Product Number	MAX931	MAX931	MAX931	MAX931
Number of Elements	1	1	1	1
Output Type	CMOS, TTL	CMOS, TTL	CMOS, TTL	CMOS, TTL
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
CMRR, PSRR (Typ)	80dB CMRR, 80dB PSRR	80dB CMRR, 80dB PSRR	80dB CMRR, 80dB PSRR	80dB CMRR, 80dB PSRR
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Propagation Delay (Max)	12µs	12µs	12µs	12µs
Voltage - Supply, Single/Dual (±)	2.5V ~ 11V, ±1.25V ~ 5.5V	2.5V ~ 11V, ±1.25V ~ 5.5V	2.5V ~ 11V, ±1.25V ~ 5.5V	2.5V ~ 11V, ±1.25V ~ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	8-DIP (0.300', 7.62mm)	8-SOIC (0.154', 3.90mm Width)
Supplier Device Package	8-SOIC	8-uMAX/uSOP	8-PDIP	8-SOIC
Voltage - Input Offset (Max)	10mV @ 5V	10mV @ 5V	10mV @ 5V	10mV @ 5V
Current - Output (Typ)	0.015mA @ 5V	0.015mA @ 5V	0.015mA @ 5V	0.015mA @ 5V
Type	with Voltage Reference	with Voltage Reference	with Voltage Reference	with Voltage Reference
Series	-	-	-	-
Current - Quiescent (Max)	4µA	4µA	4µA	4µA

## MAX931ESA+ Datasheet PDF

Download MAX931ESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX931ESA+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX931-934.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

### Part Numbering Guide

[Part Numbering System.pdf](#)

## Application Notes



Adjustable LNB Power Supply Is DiSEqC Compatible.pdf



Battery Backup with Delay.pdf



Low-Power, 32kHz Oscillator Operates Over Wide Sup.pdf

## Customers Also Interested in

### Recommended Products



#### MAX9320EUA+T

Analog Devices Inc./Maxim Integrated  
IC CLK BUFFER 2:2 3GHZ 8UMAX



#### MAX9320BEUA+

Analog Devices Inc./Maxim Integrated  
IC CLK BUFFER 1:2 3GHZ 8UMAX



#### MAX931CUA+T

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/VOLT REF 8UMAX



#### MAX931CPA+

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



#### MAX931CSA+T

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



#### MAX931CSA+

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



#### MAX931ESA+T

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



#### MAX931EPA+

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



#### MAX931CUA+

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/VOLT REF 8UMAX



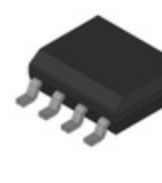
#### MAX931ESA

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



#### MAX931CSA

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



#### MAX9320ESA

Analog Devices Inc./Maxim Integrated  
CLOCK AND DATA DRIVER



#### MAX931CUA

Analog Devices Inc./Maxim Integrated  
IC COMPARATOR 1 W/VOLT REF 8UMAX



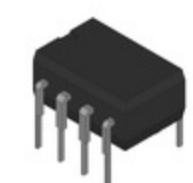
#### MAX931ESA-T

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



#### MAX9320AEKA-T

Analog Devices Inc./Maxim Integrated  
CLOCK AND DATA DRIVER



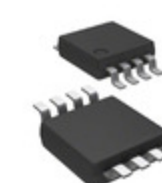
#### MAX931EPA

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



#### MAX9320AEKA

Analog Devices Inc./Maxim Integrated  
CLOCK AND DATA DRIVER



#### MAX9320BEUA+T

Analog Devices Inc./Maxim Integrated  
IC CLK BUFFER 1:2 3GHZ 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.



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Email

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## Certifications & Memberships



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