

Image may be representation.  
See specifications for product details.



## MAX942EPA

Manufacturer Part Number	<b>MAX942EPA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX942EPA
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 2 GEN PUR 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	<b>MAX941/2/4.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX942EPA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX942EPA datasheet/specifications on AllelcoElec.com. Request a quote for MAX942EPA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX942EPA Tech Specifications  
MAX942EPA - 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	2
Voltage - Input Offset (Max)	2mV @ 5.5V	Mounting Type	Through Hole
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-PDIP	Current - Quiescent (Max)	600µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	0.15µA @ 5.5V
Package / Case	8-DIP (0.300", 7.62mm)	CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR
Package	Tube	Base Product Number	MAX942
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 MAX942EPA

Product Attribute				
Part Number	MAX942EPA	MAX942CSA	MAX942MSA/PR	MAX942CSA-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 11V, ±1.25V ~ 5.5V	2.7V ~ 5.5V
Series	-	-	-	-
Type	General Purpose	General Purpose	General Purpose	General Purpose
CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR	81.94dB CMRR, 81.94dB PSRR	-	81.94dB CMRR, 81.94dB PSRR
Number of Elements	2	2	1	2
Hysteresis	-	-	-	-
Current - Input Bias (Max)	0.15µA @ 5.5V	0.15µA @ 5.5V	-	0.15µA @ 5.5V
Base Product Number	MAX942	MAX942	MAX942	MAX942
Package	Tube	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	8-PDIP	8-SOIC	8-SOIC	8-SOIC
Current - Quiescent (Max)	600µA	600µA	3.2µA	600µA
Package / Case	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-55°C ~ 125°C	0°C ~ 70°C
Propagation Delay (Max)	80ns	80ns	12µs	80ns
Current - Output (Typ)	-	-	-	-
Output Type	CMOS, Push-Pull, TTL	CMOS, Push-Pull, TTL	CMOS, TTL	CMOS, Push-Pull, TTL
Voltage - Input Offset (Max)	2mV @ 5.5V	2mV @ 5.5V	10mV @ 5V	2mV @ 5.5V

### MAX942EPA Datasheet PDF

Download MAX942EPA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX942EPA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX941/2/4.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

					
<b>MAX942CSA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX942MSA/PR</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR 8SOIC	<b>MAX942CSA-T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX942ESA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX942CSA+</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX944CPD</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14DIP
					
<b>MAX941EUA+</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	<b>MAX944CSD</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC	<b>MAX942MSA/PR+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX941ESA+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8SOIC	<b>MAX941EUA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	<b>MAX944CSD+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC
					
<b>MAX942EUA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	<b>MAX942CSA+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX942ESA+</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX941EUA+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	<b>MAX942EUA+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	<b>MAX942ESA+T</b> 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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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