

Image may be representation.  
See specifications for product details.



## MAX944CSD

Manufacturer Part Number	<b>MAX944CSD</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX944CSD
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 4 GEN PUR 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX941/2/4.pdf</b>

**Get a Quote**

MAX944CSD - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX944CSD datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX944CSD, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX944CSD Tech Specifications  
MAX944CSD - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	Number of Elements	4
Voltage - Input Offset (Max)	2mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	14-SOIC	Current - Quiescent (Max)	600µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	0.15µA @ 5.5V
Package / Case	14-SOIC (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR
Package	Tube	Base Product Number	MAX944
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 MAX944CSD

Product Attribute				
Part Number	MAX944CSD	MAX944CSD-T	MAX942ESA+T	MAX944CPD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)
Number of Elements	4	4	2	4
Current - Input Bias (Max)	0.15µA @ 5.5V	0.15µA @ 5.5V	0.15µA @ 5.5V	0.15µA @ 5.5V
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C
Current - Quiescent (Max)	600µA	600µA	600µA	600µA
Output Type	CMOS, Push-Pull, TTL	CMOS, Push-Pull, TTL	CMOS, Push-Pull, TTL	CMOS, Push-Pull, TTL
Hysteresis	-	-	-	-
Series	-	-	-	-
Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	MAX944	MAX944	MAX942	MAX944
Supplier Device Package	14-SOIC	14-SOIC	8-SOIC	14-PDIP
CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR	81.94dB CMRR, 81.94dB PSRR	81.94dB CMRR, 81.94dB PSRR	81.94dB CMRR, 81.94dB PSRR
Voltage - Input Offset (Max)	2mV @ 5.5V	2mV @ 5.5V	2mV @ 5.5V	2mV @ 5.5V
Current - Output (Typ)	-	-	-	-
Propagation Delay (Max)	80ns	80ns	80ns	80ns
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole

### MAX944CSD Datasheet PDF

Download MAX944CSD pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX944CSD - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX941/2/4.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)



















#### Part Numbering Guide

[Part Numbering System.pdf](#)

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX944CSD-T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC	<b>MAX9485EUP+</b> Analog Devices Inc./Maxim Integrated IC CLOCK GENERATOR 20TSSOP	<b>MAX942ESA+T</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>MAX942CUA</b> Analog Devices / Maxim Integrated	<b>MAX9450EHJ+</b> Microsemi Corporation IC CLOCK GENERATOR W/VCXO 32TQFP
					
<b>MAX942EUA+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	<b>MAX942EUA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	<b>MAX9485EUP+T</b> Analog Devices Inc./Maxim Integrated IC CLOCK GENERATOR 20TSSOP	<b>MAX942MSA/PR</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR 8SOIC	<b>MAX944ESD+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC	<b>MAX942EPA</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8DIP
					
<b>MAX942MSA/PR+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	<b>MAX944ESD</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC	<b>MAX942ESA</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>MAX944CSD+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 14SOIC	<b>MAX9452EMAB+</b> Analog Devices / Maxim Integrated

## 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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