

Image may be representation.
See specifications for product details.



MAX942CSA+

Manufacturer Part Number	MAX942CSA+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX942CSA+
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 2 GEN PUR 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	MAX941/2/4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX942CSA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX942CSA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX942CSA+, please send us email: info@allelco.com

Specifications

MAX942CSA+ Tech Specifications
MAX942CSA+ - 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	2
Voltage - Input Offset (Max)	2mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-SOIC	Current - Quiescent (Max)	600µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	0.15µA @ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	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 MAX942CSA+

Product Attribute				
Part Number	MAX942CSA+	MAX942ESA+T	MAX942EUA+T	MAX942ESA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Hysteresis	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of Elements	2	2	2	2
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
Series	-	-	-	-
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
Supplier Device Package	8-SOIC	8-SOIC	8-uMAX/uSOP	8-SOIC
Voltage - Input Offset (Max)	2mV @ 5.5V	2mV @ 5.5V	3mV @ 5.5V	2mV @ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	8-SOIC (0.154', 3.90mm Width)
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Propagation Delay (Max)	80ns	80ns	80ns	80ns
Current - Input Bias (Max)	0.15µA @ 5.5V	0.15µA @ 5.5V	0.15µA @ 5.5V	0.15µA @ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MAX942	MAX942	MAX942	MAX942
Current - Output (Typ)	-	-	-	-

MAX942CSA+ Datasheet PDF

Download MAX942CSA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX942CSA+ - 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

					
MAX942ESA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	MAX942EUA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8UMAX	MAX942ESA+ Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	MAX941CSA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8SOIC	MAX941ESA+ Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8SOIC	MAX942CSA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC
					
MAX942EPA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8DIP	MAX941EUA+ Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	MAX942ESA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	MAX941ESA Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8SOIC	MAX941EUA Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	MAX942MSA/PR Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 GEN PUR 8SOIC
					
MAX941CUA Analog Devices / Maxim Integrated	MAX941EUA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8UMAX	MAX941ESA+T Analog Devices Inc./Maxim Integrated IC COMPARATOR 1 W/LATCH 8SOIC	MAX942CSA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	MAX942CSA-T Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 8SOIC	MAX942EUA Analog Devices Inc./Maxim Integrated IC COMPARATOR 2 GEN PUR 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
info@allelco.com

Certifications & Memberships



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Contact us

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