

**MAX9142ESA Information**


For Reference Only

**Part Number** [MAX9142ESA](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMPARATOR R-R 8-SOIC  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**MAX9142ESA Specifications**

Manufacturer Part Number	<a href="#">MAX9142ESA</a>
Manufacturer	Maxim Integrated
Category	Integrated Circuits (ICs) <a href="#">Linear - Comparators</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Type	General Purpose
Number of Elements	2
Output Type	CMOS, Push-Pull, TTL
Voltage - Supply, Single/Dual ( $\pm$ )	2.7 V ~ 5.5 V
Voltage - Input Offset (Max)	2mV @ 5V
Current - Input Bias (Max)	0.32 $\mu$ A @ 5V
Current - Output (Typ)	-
Current - Quiescent (Max)	300 $\mu$ A
CMRR, PSRR (Typ)	81.94dB CMRR, 81.94dB PSRR
Propagation Delay (Max)	40ns
Hysteresis	1.5mV
Operating Temperature	-40°C ~ 85°C
Package / Case	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount
Supplier Device Package	8-SOIC

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## MAX9142ESA Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## MAX9142ESA Payment Methods



## MAX9142ESA Shipping Methods



If you have any question about MAX9142ESA, please do not hesitate to contact us!

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