

**MAX9142EKA+T Information**


For Reference Only

**Part Number** [MAX9142EKA+T](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMPARATOR R-R SOT23-8  
**Package** SOT-23-8  
 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.


**MAX9142EKA+T Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                | <a href="#">MAX9142EKA+T</a>                                      |
| Manufacturer                            | Maxim Integrated  |
| Category                                | Integrated Circuits (ICs)<br><a href="#">Linear - Comparators</a> |
| Package                                 | SOT-23-8  |
| 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                          | SOT-23-8  |
| Mounting Type                           | Surface Mount   |
| Supplier Device Package                 | SOT-23-8  |

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## MAX9142EKA+T 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.

## MAX9142EKA+T Payment Methods



## MAX9142EKA+T Shipping Methods



If you have any question about MAX9142EKA+T, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)