

# MAX9012ESA+T

Quote

#### MAX9012ESA+T Information

| art Number  | MAX9012ESA+T                                                        |                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| anufacturer | Maxim Integrated                                                    |                                                                                                                                                                                                             |
| ategory     | Integrated Circuits (ICs)<br>Linear - Comparators                   | <br>                                                                                                                                                                                                        |
| escription  | IC COMP LOW PWR SNGL TTL 8SOIC                                      | - 10.9 <b>0</b>                                                                                                                                                                                             |
| ackage      | 8-SOIC (0.154", 3.90mm Width)                                       |                                                                                                                                                                                                             |
|             | For the pricing/inventory/lead time, please contact                 | ⊢ III s≎te                                                                                                                                                                                                  |
|             | us                                                                  |                                                                                                                                                                                                             |
|             | Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com | Request a (                                                                                                                                                                                                 |
| [           | anufacturer<br>ategory<br>escription                                | Linear - Comparators<br>Escription IC COMP LOW PWR SNGL TTL 8SOIC<br>ackage 8-SOIC (0.154", 3.90mm Width)<br>For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com |

## **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.



### MAX9012ESA+T Specifications

| Manufacturer Part Number          | MAX9012ESA+T                     |                |
|-----------------------------------|----------------------------------|----------------|
| Manufacturer                      | Maxim Integrated                 |                |
| Category                          | Integrated Circuits (ICs)        |                |
|                                   | Linear - Comparators             |                |
| Package                           | 8-SOIC (0.154", 3.90mm Width)    |                |
| Series                            | -                                |                |
| Туре                              | General Purpose                  |                |
| Number of Elements                | 2                                |                |
| Output Type                       | TTL                              |                |
| Voltage - Supply, Single/Dual (±) | 4.5 V ~ 5.5 V                    |                |
| Voltage - Input Offset (Max)      | 3mV @ 5.5V                       |                |
| Current - Input Bias (Max)        | 0.5µA @ 5V                       |                |
| Current - Output (Typ)            | 40mA                             |                |
| Current - Quiescent (Max)         | 4.2mA                            |                |
| CMRR, PSRR (Typ)                  | 95dB CMRR, 82dB PSRR             |                |
| Propagation Delay (Max)           | 9ns                              |                |
| Hysteresis                        | -                                |                |
| Operating Temperature             | $-40^{\circ}$ C ~ $85^{\circ}$ C |                |
| Package / Case                    | 8-SOIC (0.154", 3.90mm Width)    |                |
| Mounting Type                     | Surface Mount                    |                |
| Supplier Device Package           | 8-SOIC                           |                |
|                                   | R                                | Report errors? |

#### **MAX9012ESA+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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### MAX9012ESA+T Payment Methods



#### MAX9012ESA+T Shipping Methods



If you have any question about MAX9012ESA+T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com