

**TSM972CUA+T Information**


For Reference Only

**Part Number** [TSM972CUA+T](#)  
**Manufacturer** Touchstone Semiconductor  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMP DUAL CMOS TTL 16SOIC  
**Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm 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.


**TSM972CUA+T Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                | <a href="#">TSM972CUA+T</a>                                       |
| Manufacturer                            | Touchstone Semiconductor  |
| Category                                | Integrated Circuits (ICs)<br><a href="#">Linear - Comparators</a> |
| Package                                 | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                            |
| Series                                  | TSM97x  |
| Type                                    | General Purpose   |
| Number of Elements                      | 2   |
| Output Type                             | CMOS, TTL   |
| Voltage - Supply, Single/Dual ( $\pm$ ) | 2.5 V ~ 11 V, $\pm 1.25$ V ~ 5.5 V                                |
| Voltage - Input Offset (Max)            | 10mV @ 2.5V   |
| Current - Input Bias (Max)              | 0.005 $\mu$ A @ 2.5V  |
| Current - Output (Typ)                  | 40mA  |
| Current - Quiescent (Max)               | 4 $\mu$ A   |
| CMRR, PSRR (Typ)                        | 67dB CMRR, 67dB PSRR  |
| Propagation Delay (Max)                 | 12 $\mu$ s  |
| Hysteresis                              | 50mV  |
| Operating Temperature                   | 0°C ~ 70°C  |
| Package / Case                          | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                            |
| Mounting Type                           | Surface Mount   |
| Supplier Device Package                 | 8-MSOP  |

[Report errors?](#)

## TSM972CUA+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.

## TSM972CUA+T Payment Methods



## TSM972CUA+T Shipping Methods



If you have any question about TSM972CUA+T, please do not hesitate to contact us!

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

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