

**MAX4509CPE Information**


For Reference Only

**Part Number** [MAX4509CPE](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC MUX 8CH DUAL 4CH PDIP  
**Package** 16-DIP (0.300", 7.62mm)  
 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.


**MAX4509CPE Specifications**

|  |  |
|--|--|
| Manufacturer Part Number               | <a href="#">MAX4509CPE</a>   |
| Manufacturer                           | Maxim Integrated   |
| Category                               | Integrated Circuits (ICs)<br><a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a> |
| Package                                | 16-DIP (0.300", 7.62mm)  |
| Series                                 | -  |
| Switch Circuit                         | SP4T   |
| Multiplexer/Demultiplexer Circuit      | 4:1  |
| Number of Circuits                     | 2  |
| On-State Resistance (Max)              | 400 Ohm  |
| Channel-to-Channel Matching (Ron)      | 15 Ohm (Max)   |
| Voltage - Supply, Single (V+)          | 9 V ~ 36 V   |
| Voltage - Supply, Dual (V±)            | ±4.5 V ~ 20 V  |
| Switch Time (Ton, Toff) (Max)          | 275ns, 200ns   |
| -3db Bandwidth                         | -  |
| Charge Injection                       | 2pC  |
| Channel Capacitance (CS(off), CD(off)) | 10pF, 14pF   |
| Current - Leakage (IS(off)) (Max)      | 500pA  |
| Crosstalk                              | -62dB @ 1MHz   |
| Operating Temperature                  | 0°C ~ 70°C (TA)  |
| Package / Case                         | 16-DIP (0.300", 7.62mm)  |
| Supplier Device Package                | 16-PDIP  |

[Report errors?](#)

## MAX4509CPE 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.

## MAX4509CPE Payment Methods



## MAX4509CPE Shipping Methods



If you have any question about MAX4509CPE, please do not hesitate to contact us!

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

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