

**DG509ADY+ Information**


For Reference Only

**Part Number** [DG509ADY+](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC MULTIPLEXER DUAL 4X1 16SOIC  
**Package** 16-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.


**DG509ADY+ Specifications**

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| Manufacturer Part Number               | <a href="#">DG509ADY+</a>  |
| Manufacturer                           | Maxim Integrated   |
| Category                               | Integrated Circuits (ICs)<br><a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a> |
| Package                                | 16-SOIC (0.154", 3.90mm Width)   |
| Series                                 | -  |
| Switch Circuit                         | SP4T   |
| Multiplexer/Demultiplexer Circuit      | 4:1  |
| Number of Circuits                     | 2  |
| On-State Resistance (Max)              | 450 Ohm  |
| Channel-to-Channel Matching (Ron)      | 27 Ohm   |
| Voltage - Supply, Single (V+)          | -  |
| Voltage - Supply, Dual (V±)            | ±4.5 V ~ 18 V  |
| Switch Time (Ton, Toff) (Max)          | 1.5µs, 1µs   |
| -3db Bandwidth                         | -  |
| Charge Injection                       | -  |
| Channel Capacitance (CS(off), CD(off)) | 5pF, 12pF  |
| Current - Leakage (IS(off)) (Max)      | 1nA  |
| Crosstalk                              | -  |
| Operating Temperature                  | -40°C ~ 85°C (TA)  |
| Package / Case                         | 16-SOIC (0.154", 3.90mm Width)   |
| Supplier Device Package                | 16-SO  |

[Report errors?](#)

## DG509ADY+ 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.

## DG509ADY+ Payment Methods



## DG509ADY+ Shipping Methods



If you have any question about DG509ADY+, please do not hesitate to contact us!

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

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