

**THS4501CDGKRG4 Information**


For Reference Only

**Part Number** [THS4501CDGKRG4](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps](#)  
**Description** IC OPAMP DIFF 300MHZ 8VSSOP  
**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)


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**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.


**THS4501CDGKRG4 Specifications**

|                                         |                                                                                                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------|
| Manufacturer Part Number                | <a href="#">THS4501CDGKRG4</a>                                                                           |
| Manufacturer                            | Texas Instruments                                                                                        |
| Category                                | Integrated Circuits (ICs)<br><a href="#">Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps</a> |
| Package                                 | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                   |
| Series                                  | -                                                                                                        |
| Amplifier Type                          | Differential                                                                                             |
| Number of Circuits                      | 1                                                                                                        |
| Output Type                             | Differential                                                                                             |
| Slew Rate                               | 2800 V/ $\mu$ s                                                                                          |
| Gain Bandwidth Product                  | 300MHz                                                                                                   |
| -3db Bandwidth                          | 370MHz                                                                                                   |
| Current - Input Bias                    | 4 $\mu$ A                                                                                                |
| Voltage - Input Offset                  | 4mV                                                                                                      |
| Current - Supply                        | 23mA                                                                                                     |
| Current - Output / Channel              | 120mA                                                                                                    |
| Voltage - Supply, Single/Dual ( $\pm$ ) | 4.5 V ~ 15 V, $\pm$ 2.25 V ~ 7.5 V                                                                       |
| Operating Temperature                   | 0°C ~ 70°C                                                                                               |
| Mounting Type                           | Surface Mount                                                                                            |
| Package / Case                          | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                   |
| Supplier Device Package                 | 8-VSSOP                                                                                                  |

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## THS4501CDGKRG4 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.

## THS4501CDGKRG4 Payment Methods



## THS4501CDGKRG4 Shipping Methods



If you have any question about THS4501CDGKRG4, please do not hesitate to contact us!

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

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