

**THS4509QRGTRQ1 Information**


For Reference Only

**Part Number** [THS4509QRGTRQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps](#)  
**Description** IC OPAMP DIFF 3GHZ 16QFN  
**Package** 16-VFQFN Exposed Pad  
 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.


**THS4509QRGTRQ1 Specifications**

Manufacturer Part Number	<a href="#">THS4509QRGTRQ1</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps</a>
Package	16-VFQFN Exposed Pad
Series	Automotive, AEC-Q100
Amplifier Type	Differential
Number of Circuits	1
Output Type	Differential
Slew Rate	6600 V/ $\mu$ s
Gain Bandwidth Product	3GHz
-3db Bandwidth	2GHz
Current - Input Bias	8 $\mu$ A
Voltage - Input Offset	1mV
Current - Supply	37.7mA
Current - Output / Channel	96mA
Voltage - Supply, Single/Dual ( $\pm$ )	3 V ~ 5.25 V, $\pm$ 1.5 V ~ 2.625 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	16-VFQFN Exposed Pad
Supplier Device Package	16-QFN (3x3)

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## THS4509QRGTRQ1 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.

## THS4509QRGTRQ1 Payment Methods



## THS4509QRGTRQ1 Shipping Methods



If you have any question about THS4509QRGTRQ1, please do not hesitate to contact us!

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