

**THS4042IDGNR Information**


For Reference Only

**Part Number** [THS4042IDGNR](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps](#)  
**Description** IC OPAMP VFB 165MHZ 8MSOP  
**Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  
 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.


**THS4042IDGNR Specifications**

Manufacturer Part Number	<a href="#">THS4042IDGNR</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps</a>
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Series	-
Amplifier Type	Voltage Feedback
Number of Circuits	2
Output Type	-
Slew Rate	400 V/ $\mu$ s
Gain Bandwidth Product	-
-3db Bandwidth	165MHz
Current - Input Bias	2.5 $\mu$ A
Voltage - Input Offset	2.5mV
Current - Supply	8mA
Current - Output / Channel	100mA
Voltage - Supply, Single/Dual ( $\pm$ )	9 V ~ 32 V, $\pm$ 4.5 V ~ 16 V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Supplier Device Package	8-MSOP-PowerPad

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## THS4042IDGNR 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.

## THS4042IDGNR Payment Methods



## THS4042IDGNR Shipping Methods



If you have any question about THS4042IDGNR, please do not hesitate to contact us!

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