



THS4151IDGNR Information



For Reference Only

Part Number THS4151IDGNR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP DIFF 340MHZ 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



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THS4151IDGNR Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate 650 V/μs Gain Bandwidth Product 340MHz -3db Bandwidth 150MHz Current - Input Bias 4.3μA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	•	
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Series - Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate 650 V/μs Gain Bandwidth Product 340MHz -3db Bandwidth 150MHz Current - Input Bias 4.3μA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate $650 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 340MHz -3db Bandwidth 150MHz Current - Input Bias $4.3 \mu\text{A}$ Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) $4 \text{ V} \sim 33 \text{ V}, \pm 2 \text{ V} \sim 16.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118^{\circ}, 3.00 \text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package $8-\text{MSOP-PowerPad}$	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
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Slew Rate 650 V/µs Gain Bandwidth Product 340MHz -3db Bandwidth 150MHz Current - Input Bias 4.3µA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 150MHz Current - Input Bias 4.3μA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Output Type	Differential
-3db Bandwidth 150MHz Current - Input Bias 4.3µA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Slew Rate	650 V/μs
Current - Input Bias 4.3µA Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Gain Bandwidth Product	340MHz
Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	-3db Bandwidth	150MHz
Current - Supply Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Current - Input Bias	4.3μΑ
Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 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	Voltage - Input Offset	1.1mV
Voltage - Supply, Single/Dual (\pm) 4 V ~ 33 V, \pm 2 V ~ 16.5 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	Current - Supply	17.5mA
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	Current - Output / Channel	85mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Voltage - Supply, Single/Dual (±)	4 V ~ 33 V, ±2 V ~ 16.5 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-MSOP-PowerPad	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Report errors?	Supplier Device Package	8-MSOP-PowerPad
		Report errors?

THS4151IDGNR 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.

THS4151IDGNR Payment Methods





















THS4151IDGNR Shipping Methods













If you have any question about THS4151IDGNR, please do not hesitate to contact us!

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