



THS3001CDGNR Information



For Reference Only

Part Number THS3001CDGNR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP CFA 1.75GHZ 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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THS3001CDGNR Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Amplifier TypeCurrent FeedbackNumber of Circuits1Output Type-Slew Rate6500 V/μsGain Bandwidth Product1.75GHz-3db Bandwidth420MHzCurrent - Input Bias2μAVoltage - Input OffsetImVCurrent - Supply6.6mACurrent - Output / Channel120mAVoltage - Supply, Single/Dual (±)9 V ~ 33 V, ±4.5 V ~ 16.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	•	
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Amplifier Type Current Feedback Number of Circuits 1 Output Type - Slew Rate 6500 V/μs Gain Bandwidth Product 1.75GHz -3db Bandwidth 420MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 6.6mA Current - Output / Channel 120mA Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Manufacturer	Texas Instruments
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Output Type Slew Rate 6500 V/µs Gain Bandwidth Product -3db Bandwidth 420MHz Current - Input Bias 2µA Voltage - Input Offset 1mV Current - Supply 6.6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Amplifier Type	Current Feedback
Slew Rate Gain Bandwidth Product -3db Bandwidth 420MHz Current - Input Bias Voltage - Input Offset 1mV Current - Supply 6.6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 6500 V/µs 6500 V/µs 1.75GHz 1.75GHz 420MHz 2µA 1mV 6.6mA 120mA Voltage - Supply 9 V ~ 33 V, ±4.5 V ~ 16.5 V 0°C ~ 70°C Mounting Type Surface Mount 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 420MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 6.6mA Current - Output / Channel 120mA Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°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	-
-3db Bandwidth Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 6.6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Slew Rate	6500 V/μs
Current - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply6.6mACurrent - Output / Channel120mAVoltage - Supply, Single/Dual (±)9 V ~ 33 V, ±4.5 V ~ 16.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Gain Bandwidth Product	1.75GHz
Voltage - Input Offset Current - Supply 6.6mA Current - Output / Channel 120mA Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°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	420MHz
Current - Supply Current - Output / Channel 120mA Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°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	2μΑ
Current - Output / Channel 120mA Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°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	1mV
Voltage - Supply, Single/Dual (±) 9 V ~ 33 V, ±4.5 V ~ 16.5 V Operating Temperature 0°C ~ 70°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	6.6mA
Operating Temperature 0°C ~ 70°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	120mA
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 (±)	9 V ~ 33 V, ±4.5 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	0°C ~ 70°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?

THS3001CDGNR 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.

THS3001CDGNR Payment Methods





















THS3001CDGNR Shipping Methods













If you have any question about THS3001CDGNR, please do not hesitate to contact us!

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