



THS4130CDGNG4 Information



For Reference Only

Part Number THS4130CDGNG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP DIFF 225MHZ 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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THS4130CDGNG4 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 52 V/μs Gain Bandwidth Product 225MHz -3db Bandwidth 150MHz Current - Input Bias 2μA Voltage - Input Offset 200μV Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 30 V, ±2.5 V ~ 15 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		
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Series		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate52 V/μsGain Bandwidth Product225MHz-3db Bandwidth150MHzCurrent - Input Bias2μAVoltage - Input Offset200μVCurrent - Supply14mACurrent - Output / Channel85mAVoltage - Supply, Single/Dual (±)5 V ~ 30 V, ±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Number of Circuits Output Type Differential Slew Rate 52 V/μs Gain Bandwidth Product -3db Bandwidth 150MHz Current - Input Bias Voltage - Input Offset Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Series	-
Output Type Differential Slew Rate 52 V/ μ s Gain Bandwidth Product 225MHz -3db Bandwidth 150MHz Current - Input Bias 2 μ A Voltage - Input Offset 200 μ V Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) 5 V ~ 30 V, \pm 2.5 V ~ 15 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	Amplifier Type	Differential
Slew Rate 52 V/μs Gain Bandwidth Product 225MHz -3db Bandwidth 150MHz Current - Input Bias 2μA Voltage - Input Offset 200μV Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 0°C ~ 70°C Mounting Type Surface Mount Package / Case Supplier Device Package 8-MSOP-PowerPad	Number of Circuits	1
Gain Bandwidth Product 225MHz 150MHz Current - Input Bias 2μA Voltage - Input Offset 200μV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case Supplier Device Package 225MHz 225MHz 225MHz 225MHz 244 244 245 V ~ 30 V ~ 200μV 25 V ~ 30 V ~ 25 V ~ 15 V 26 V ~ 30 V ~ 25 V ~ 15 V 27 V ~ 30 V ~ 25 V ~ 15 V 28 V ~ 30 V ~ 25 V ~ 15 V 29 V ~ 30 V ~ 25 V ~ 15 V 20 V ~ 30 V ~ 25 V ~ 15 V	Output Type	Differential
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	52 V/μs
Current - Input Bias 2µA Voltage - Input Offset 200µV Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 30 V, ±2.5 V ~ 15 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	Gain Bandwidth Product	225MHz
Voltage - Input Offset $200\mu V$ Current - Supply $14mA$ Supplier Device Package $200\mu V$ Current - Output / Channel $85mA$ Voltage - Supply, Single/Dual (\pm) $5 V \sim 30 V$, $\pm 2.5 V \sim 15 V$ $0^{\circ}C \sim 70^{\circ}C$ Surface Mount $2000 \times 10^{\circ}C \sim 70^{\circ}C$ Surface Mount $2000 \times 10^{\circ}C \sim 70^{\circ}C \sim 70^$	-3db Bandwidth	150MHz
Current - Supply Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 30 V, ±2.5 V ~ 15 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 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 30 V, ±2.5 V ~ 15 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	$200\mu V$
Voltage - Supply, Single/Dual (\pm) 5 V ~ 30 V, \pm 2.5 V ~ 15 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	14mA
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	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 (±)	5 V ~ 30 V, ±2.5 V ~ 15 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?

THS4130CDGNG4 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.

THS4130CDGNG4 Payment Methods



















THS4130CDGNG4 Shipping Methods













If you have any question about THS4130CDGNG4, please do not hesitate to contact us!

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