



THS4150IDGN Information



For Reference Only

Part Number THS4150IDGN

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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THS4150IDGN Specifications

Manufacturer Part Number Manufacturer Texas Instruments 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 -3db Bandwidth 150MHz Current - Input Bias Voltage - Input Offset 1.1mV Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Voltage - Supply, Single/Dual (±) Voreating Temperature Mounting Type Series - A-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Texas Instruments Linev 1.1mV 1.5mA Voltage - Supply, Single/Dual (±) 4 V ~ 33 V, ±2 V ~ 16.5 V Operating Temperature Mounting Type Series - Amplifiers - Instrumentation, OP Amps, Buffer Amps 1.1mV 1.1mV 1.1mV 1.1mV 1.1mV 1.2 V ~ 16.5 V 1.3 V ~ 20 V ~ 16.5 V 1.4 V ~ 33 V, ±2 V ~ 16.5 V 1.5 V 1	*	
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate650 V/μsGain Bandwidth Product340MHz-3db Bandwidth150MHzCurrent - Input Bias4.3μAVoltage - Input Offset1.1mVCurrent - Supply17.5mACurrent - Output / Channel85mAVoltage - Supply, Single/Dual (±)4 V ~ 33 V, ±2 V ~ 16.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Manufacturer Part Number	THS4150IDGN
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Series - Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate $650 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 340MHz -3db Bandwidth 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		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	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
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Output Type Differential Slew Rate $650 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 340MHz -3db Bandwidth Product 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	Amplifier Type	Differential
Slew Rate 650 V/ μ s Gain Bandwidth Product 340MHz -3db Bandwidth 150MHz Current - Input Bias 4.3 μ A Voltage - Input Offset 1.1mV Current - Supply 17.5mA Current - Output / Channel 85mA 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	Number of Circuits	1
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Type	Differential
$-3 db \ Bandwidth $	Slew Rate	650 V/μs
Current - Input Bias $4.3\mu A$ Voltage - Input Offset $1.1 mV$ Current - Supply $17.5 mA$ Current - Output / Channel $85 mA$ Voltage - Supply, Single/Dual (\pm) $4 V \sim 33 V, \pm 2 V \sim 16.5 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Gain Bandwidth Product	340MHz
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 TypeSurface Mount	-3db Bandwidth	150MHz
Current - Supply $17.5 mA$ Current - Output / Channel $85 mA$ 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 TypeSurface Mount	Current - Input Bias	4.3μΑ
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 TypeSurface Mount	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	Current - Supply	17.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	85mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (\pm)	4 V ~ 33 V, ±2 V ~ 16.5 V
	Operating Temperature	-40°C ~ 85°C
Package / Case 9 TCCOD 9 MCOD (0 119" 2 00mm Width) France J De J	Mounting Type	Surface Mount
rackage / Case 8-1550P, 8-M50P (0.118, 3.00mm widin) exposed Pad	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Supplier Device Package 8-MSOP-PowerPad	Supplier Device Package	8-MSOP-PowerPad
Report errors?		Report errors?

THS4150IDGN 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.

THS4150IDGN Payment Methods



















THS4150IDGN Shipping Methods













If you have any question about THS4150IDGN, please do not hesitate to contact us!

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