



THS4031CDGN Information



For Reference Only

Part Number THS4031CDGN
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 100MHZ 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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THS4031CDGN Specifications

Manufacturer Part Number THS4031CDGN 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 Voltage Feedback Number of Circuits 1 Output Type - Slew Rate 100 V/μs Gain Bandwidth Product - -3db Bandwidth 100MHz Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Supply 8.5mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 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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Amplifier TypeVoltage FeedbackNumber of Circuits1Output Type-Slew Rate100 V/μsGain Bandwidth Product3db Bandwidth100MHzCurrent - Input Bias3μAVoltage - Input Offset500μVCurrent - Supply8.5mACurrent - Output / Channel90mAVoltage - Supply, Single/Dual (±)9 V ~ 32 V, ±4.5 V ~ 16 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
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Output Type - Slew Rate 100 V/ μ s - Gain Bandwidth Product 3db Bandwidth Product 100MHz	Amplifier Type	Voltage Feedback
Slew Rate 100 V/ μ s Gain Bandwidth Product3db Bandwidth 100MHz Current - Input Bias 3 μ A Voltage - Input Offset 500 μ V Current - Supply 8.5mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 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	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$-3 db \ Bandwidth $	Slew Rate	100 V/μs
Current - Input Bias $3\mu A$ Voltage - Input Offset $500\mu V$ Current - Supply $8.5 m A$ Current - Output / Channel $90 m A$ Voltage - Supply, Single/Dual (±) $9 V \sim 32 V$, $\pm 4.5 V \sim 16 V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type $Surface$ Mount Package / Case 8 -TSSOP, 8 -MSOP (0.118 ", $3.00 mm$ Width) Exposed Pad Supplier Device Package 8 -MSOP-PowerPad	Gain Bandwidth Product	-
Voltage - Input Offset $500\mu V$ Current - Supply $8.5mA$ Current - Output / Channel $90mA$ Voltage - Supply, Single/Dual (±) $9 V \sim 32 V, \pm 4.5 V \sim 16 V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting TypeSurface MountPackage / Case 8 -TSSOP, 8 -MSOP (0.118 ", $3.00mm$ Width) Exposed PadSupplier Device Package 8 -MSOP-PowerPad	-3db Bandwidth	100MHz
Current - Supply 8.5mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 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	3μΑ
Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 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	$500\mu V$
Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 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	8.5mA
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Current - Output / Channel	90mA
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 ~ 32 V, ±4.5 V ~ 16 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?

THS4031CDGN 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.

THS4031CDGN Payment Methods



















THS4031CDGN Shipping Methods













If you have any question about THS4031CDGN, please do not hesitate to contact us!

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