



THS4120IDGNR Information



For Reference Only

Part Number THS4120IDGNR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP DIFF 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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THS4120IDGNR 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 55 V/µs Gain Bandwidth Product - -3db Bandwidth 100MHz Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 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		
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Series -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 1 Output Type Differential Slew Rate 55 V/µs Gain Bandwidth Product	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Number of Circuits Dutput Type Differential Slew Rate 55 V/µs Gain Bandwidth Product -3db Bandwidth 100MHz Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 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	Series	-
Dutput Type Differential Slew Rate $55 \text{ V/}\mu\text{s}$ Gain Bandwidth Product - Gab Bandwidth 100MHz Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 3.5 \text{ V}, \pm 1.5 \text{ V} \sim 1.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118'', 3.00\text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package 8-MSOP-PowerPad	Amplifier Type	Differential
Slew Rate 55 V/µs Gain Bandwidth Product -3db Bandwidth 100MHz Current - Input Bias Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 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 100MHz Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 85°C Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Output Type	Differential
Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Slew Rate	55 V/μs
Current - Input Bias 1.2pA Voltage - Input Offset 3mV Current - Supply 11mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	-
Voltage - Input Offset Current - Supply 11mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 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	100MHz
Current - Supply Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	1.2pA
Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 V -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	3mV
Voltage - Supply, Single/Dual (\pm) 3 V ~ 3.5 V, \pm 1.5 V ~ 1.75 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	11mA
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	100mA
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 (±)	3 V ~ 3.5 V, ±1.5 V ~ 1.75 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?

THS4120IDGNR 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.

THS4120IDGNR Payment Methods



















THS4120IDGNR Shipping Methods













If you have any question about THS4120IDGNR, please do not hesitate to contact us!

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