



TLV4112IDGNR Information



For Reference Only

Part Number TLV4112IDGNR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2.7MHZ RRO 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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TLV4112IDGNR 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 General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.57 V/μs Gain Bandwidth Product 2.7MHz -3db Bandwidth - Current - Input Bias 0.3pA Voltage - Input Offset 175μV Current - Supply 700μA Current - Output / Channel 320mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 6 V Operating Temperature -40°C ~ 125°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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Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate1.57 V/μsGain Bandwidth Product2.7MHz-3db Bandwidth-Current - Input Bias0.3pAVoltage - Input Offset175μVCurrent - Supply700μACurrent - Output / Channel320mAVoltage - Supply, Single/Dual (±)2.5 V ~ 6 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Manufacturer	Texas Instruments
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.57 V/μs Gain Bandwidth Product 2.7MHz -3db Bandwidth - Current - Input Bias 0.3pA Voltage - Input Offset 175μV Current - Supply 700μA Current - Output / Channel 320mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Category	Integrated Circuits (ICs)
Series -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate1.57 V/μsGain Bandwidth Product2.7MHz-3db Bandwidth-Current - Input Bias0.3pAVoltage - Input Offset175μVCurrent - Supply700μACurrent - Output / Channel320mAVoltage - Supply, Single/Dual (±)2.5 V ~ 6 VOperating Temperature-40°C ~ 125°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 2 Output Type Rail-to-Rail Slew Rate 1.57 V/ μ s Gain Bandwidth Product 2.7MHz -3db Bandwidth - Current - Input Bias 0.3pA Voltage - Input Offset 175 μ V Current - Supply 700 μ A Current - Output / Channel 320mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Series	-
Output Type Rail-to-Rail Slew Rate 1.57 V/ μ s Gain Bandwidth Product 2.7MHz -3db Bandwidth -Current - Input Bias 0.3pA Voltage - Input Offset 175 μ V Current - Supply 700 μ A Current - Output / Channel 320mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 6 V Operating Temperature -40°C ~ 125°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	General Purpose
Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 175μV Current - Supply 700μA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 1.57 V/μs 2.7 MHz -400 A 1.57 V/μs 1.	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 175μV Current - Supply 700μA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 8-MSOP-PowerPad	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 175 \mu V \\ Current - Supply \\ 700 \mu A \\ Current - Output / Channel \\ 320 mA \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 6 \ V \\ -40^{\circ} C \sim 125^{\circ} C \\ Mounting \ Type \\ Package / Case \\ Supplier \ Device \ Package \\ 8-MSOP-PowerPad \\ \\ -MOUNTING \ Device \ Package \\ 8-MSOP-PowerPad \\ \\ -MOUNTING \ Device \ Package \\ -MOUNT$	Slew Rate	1.57 V/μs
Current - Input Bias $0.3pA$ Voltage - Input Offset $175\mu V$ Current - Supply $700\mu A$ Current - Output / Channel $320mA$ Voltage - Supply, Single/Dual (\pm) $2.5 V \sim 6 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ 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	2.7MHz
Voltage - Input Offset $175\mu V$ Current - Supply $700\mu A$ Current - Output / Channel $320mA$ Voltage - Supply, Single/Dual (±) $2.5 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ 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	-
Current - Supply Current - Output / Channel 320mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 6 V Operating Temperature -40°C ~ 125°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	0.3pA
Current - Output / Channel 320mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 6 V -40°C ~ 125°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	175μV
Voltage - Supply, Single/Dual (±) 2.5 V ~ 6 V -40°C ~ 125°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	700μΑ
Operating Temperature -40°C ~ 125°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	320mA
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 (±)	2.5 V ~ 6 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Operating Temperature	-40°C ~ 125°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?

TLV4112IDGNR 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.

TLV4112IDGNR Payment Methods



















TLV4112IDGNR Shipping Methods













If you have any question about TLV4112IDGNR, please do not hesitate to contact us!

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