



TLV2472IDGN Information



For Reference Only

Part Number TLV2472IDGN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2.8MHZ 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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Certified Quality

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TLV2472IDGN 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 1.5 V/μs Gain Bandwidth Product 2.8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250μV Current - Supply 600μA Current - Output / Channel 35mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	•	
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Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.5 V/μs Gain Bandwidth Product 2.8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250μV Current - Supply 600μA Current - Output / Channel 35mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 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	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
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Gain Bandwidth Product 2.8MHz -3db Bandwidth-Current - Input Bias 2.5pA Voltage - Input Offset $250 \mu \text{V}$ Current - Supply $600 \mu \text{A}$ Current - Output / Channel 35mA Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00 \text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package 8-MSOP-PowerPad	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 2.5 pA \\ Voltage - Input \ Offset \\ 250 \mu V \\ Current - Supply \\ 600 \mu A \\ Current - Output / Channel \\ 35 mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 6 \ V, \pm 1.35 \ V \sim 3 \ V \\ Operating \ Temperature \\ -40^{\circ} C \sim 125^{\circ} C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118", 3.00mm \ Width) \ Exposed \ Pad \\ Supplier \ Device \ Package \\ 8-MSOP-PowerPad \\$	Slew Rate	1.5 V/μs
Current - Input Bias $2.5pA$ Voltage - Input Offset $250\mu V$ Current - Supply $600\mu A$ Current - Output / Channel $35mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118'', 3.00mm \text{ Width}) \text{ Exposed Pad}$ Supplier Device Package 8-MSOP-PowerPad	Gain Bandwidth Product	2.8MHz
Voltage - Input Offset $250\mu V$ Current - Supply $600\mu A$ Current - Output / Channel $35mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118'', 3.00mm \text{ Width}) \text{ Exposed Pad}$ Supplier Device Package 8-MSOP-PowerPad	-3db Bandwidth	-
Current - Supply 600μA Current - Output / Channel 35mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 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	2.5pA
Current - Output / Channel $35mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Input Offset	250μV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 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 - Supply	600μΑ
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	35mA
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 (±)	2.7 V ~ 6 V, ±1.35 V ~ 3 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?

TLV2472IDGN 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.

TLV2472IDGN Payment Methods





















TLV2472IDGN Shipping Methods













If you have any question about TLV2472IDGN, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com