



TLV2472CDG4 Information



For Reference Only

Part Number TLV2472CDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2.8MHZ RRO 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









TLV2472CDG4 Specifications

Manufacturer Part Number TLV2472CDG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) 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 - Output / Channel 35mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) 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 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Manufacturer Part Number	TLV2472CDG4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package 8-SOIC (0.154", 3.90mm Width) 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 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Category	Integrated Circuits (ICs)
Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate1.5 V/μsGain Bandwidth Product2.8MHz-3db Bandwidth-Current - Input Bias2.5pAVoltage - Input Offset250μVCurrent - Supply600μACurrent - Output / Channel35mAVoltage - Supply, Single/Dual (±)2.7 V ~ 6 V, ±1.35 V ~ 3 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate1.5 V/μsGain Bandwidth Product2.8MHz-3db Bandwidth-Current - Input Bias2.5pAVoltage - Input Offset250μVCurrent - Supply600μACurrent - Output / Channel35mAVoltage - Supply, Single/Dual (±)2.7 V ~ 6 V, ±1.35 V ~ 3 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.5 V/ μ s Gain Bandwidth Product 2.8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250 μ V Current - Supply 600 μ A Current - Output / Channel 35mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	-
Output Type Rail-to-Rail Slew Rate 1.5 V/ μ s Gain Bandwidth Product 2.8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250 μ V Current - Supply 600 μ A Current - Output / Channel 35mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Amplifier Type	General Purpose
Slew Rate 1.5 V/ μ s 2.8MHz 2.8MHz -3db Bandwidth Product 2.8MHz - Current - Input Bias 2.5pA Voltage - Input Offset 250 μ V Current - Supply 600 μ A Current - Output / Channel 35mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Number of Circuits	2
Gain Bandwidth Product -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 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 2.5 pA \\ Voltage - Input \ Offset \\ 250 \mu V \\ Current - Supply \\ 600 \mu A \\ Current - Output / Channel \\ 35 mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 6 \ V, \pm 1.35 \ V \sim 3 \ V \\ Operating \ Temperature \\ 0^{\circ}C \sim 70^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC$	Slew Rate	1.5 V/μs
Current - Input Bias 2.5pA Voltage - Input Offset 250 μ V Current - Supply 600 μ A Current - Output / Channel 35mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Gain Bandwidth Product	2.8MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $600\mu A$ 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 $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package 8-SOIC	Current - Input Bias	2.5pA
Current - Output / Channel $35 mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-SOIC (0.154° , $3.90 mm$ Width)Supplier Device Package8-SOIC	Voltage - Input Offset	250μV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	600μΑ
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Output / Channel	35mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 6 V, ±1.35 V ~ 3 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

TLV2472CDG4 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.

TLV2472CDG4 Payment Methods





















TLV2472CDG4 Shipping Methods













If you have any question about TLV2472CDG4, please do not hesitate to contact us!

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