



TLV2771CDG4 Information



For Reference Only

Part Number TLV2771CDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 5.1MHZ RRO 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TLV2771CDG4 Specifications

Manufacturer Part Number TLV2771CDG4 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 1 Output Type Rail-to-Rail Slew Rate 10.5 V/µs Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500µV Current - Supply 1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 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 (0.154", 3.90mm Width)		
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Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5.1MHz -3db Bandwidth-Current - Input Bias 2pA Voltage - Input Offset $500\mu\text{V}$ Current - Supply 1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC}$ $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8-\text{SOIC}$	Package	8-SOIC (0.154", 3.90mm Width)
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Output Type Rail-to-Rail Slew Rate 10.5 V/ μ s Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500 μ V Current - Supply 1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V, \pm 1.25 V ~ 2.75 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 $10.5 \text{ V/}\mu\text{s}$ $6ain Bandwidth Product$ 5.1MHz $-3db Bandwidth$ $ -$	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500μV Current - Supply 1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 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
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	10.5 V/μs
Current - Input Bias $2pA$ Voltage - Input Offset $500\mu V$ Current - Supply $1mA$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (\pm) $2.5 \ V \sim 5.5 \ V, \pm 1.25 \ V \sim 2.75 \ V$ 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	Gain Bandwidth Product	5.1MHz
Voltage - Input Offset $500\mu V$ Current - Supply $1mA$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (\pm) $2.5 \ V \sim 5.5 \ V, \pm 1.25 \ V \sim 2.75 \ V$ 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	-3db Bandwidth	-
Current - Supply Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 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 - Input Bias	2pA
Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (\pm) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , 3.90mm Width)Supplier Device Package 8-SOIC	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V, \pm 1.25 V ~ 2.75 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	1mA
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 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?

TLV2771CDG4 Guarantees



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We provide 90 days warranty. *

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Service Guarantees

We guarantee 100% customer satisfaction.

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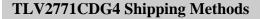
























If you have any question about TLV2771CDG4, please do not hesitate to contact us!

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