



TLC2252CDG4 Information



For Reference Only

Part Number TLC2252CDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 210KHZ 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



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TLC2252CDG4 Specifications

Manufacturer Part Number TLC2252CDG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series LinCMOS? Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.12 V/μs Gain Bandwidth Product 210kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 200μV Current - Supply 80μA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 4.4 V ~ 16 V, ±2.2 V ~ 8 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		
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Output Type Rail-to-Rail Slew Rate 0.12 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 200µV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case 8-SOIC Rail-to-Rail Rail-to-Rail 8-Rail-to-Rail 8-Rail-to-Rail 8-Rail-to-Rail 8-Rail-to-Rail 8-SOIC Nuks 4.4 V ~ 16 V, ±2.2 V ~ 8 V 0 Description Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate 0.12 V/ μ s Gain Bandwidth Product 210kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 200 μ V Current - Supply 80 μ A Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) 4.4 V ~ 16 V, \pm 2.2 V ~ 8 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
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 200 \mu V \\ Current - Supply \\ 80 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.4 \ V \sim 16 \ V, \pm 2.2 \ V \sim 8 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\ \\$	Slew Rate	$0.12 \text{ V/}\mu\text{s}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	210kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $80\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount $90m$ Package / Case $90m$ Supplier Device Package $90m$ Supplier Device Package $90m$ Supplier $90m$	Current - Input Bias	1pA
Current - Output / Channel $50 mA$ Voltage - Supply, Single/Dual (\pm) $4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , $3.90 mm$ Width)Supplier Device Package 8-SOIC	Voltage - Input Offset	200μV
Voltage - Supply, Single/Dual (\pm) 4.4 V ~ 16 V, \pm 2.2 V ~ 8 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	80μΑ
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 - 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 (±)	4.4 V ~ 16 V, ±2.2 V ~ 8 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 ⁶	Supplier Device Package	8-SOIC
Report Chors		Report errors?

TLC2252CDG4 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.

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TLC2252CDG4 Shipping Methods













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