



TLC2272CPSR Information



For Reference Only

Part Number TLC2272CPSR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2.25MHZ RRO 8SO **Package** 8-SOIC (0.209", 5.30mm 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.









TLC2272CPSR Specifications

Manufacturer Part Number TLC2272CPSR Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.209", 5.30mm Width) Series LinCMOS? Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 3.6 V/μs Gain Bandwidth Product 2.25MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 300μV Current - Supply 2.4mA 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 (0.209", 5.30mm Width) Supplier Device Package 8-SO		
Integrated Circuits (ICs)	Manufacturer Part Number	TLC2272CPSR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.209", 5.30mm Width)SeriesLinCMOS?Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate3.6 V/μsGain Bandwidth Product2.25MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset300μVCurrent - Supply2.4mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4.4 V ~ 16 V, ±2.2 V ~ 8 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SO	Manufacturer	Texas Instruments
Package 8-SOIC (0.209", 5.30mm Width) Series LinCMOS? Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 3.6 V/μs Gain Bandwidth Product 2.25MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 300μV Current - Supply 2.4mA 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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Category	Integrated Circuits (ICs)
SeriesLinCMOS?Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate3.6 V/μsGain Bandwidth Product2.25MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset300μVCurrent - Supply2.4mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4.4 V ~ 16 V, ±2.2 V ~ 8 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SO		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate $3.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 2.25MHz -3db Bandwidth-Current - Input Bias 1pA Voltage - Input Offset $300\mu\text{V}$ Current - Supply 2.4mA Current - Output / Channel 50mA 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 $8\text{-SOIC }(0.209^{\circ}, 5.30\text{mm Width})$ Supplier Device Package 8-SO	Package	8-SOIC (0.209", 5.30mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 3.6 V/ μ s Gain Bandwidth Product 2.25MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 300 μ V Current - Supply 2.4mA 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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Series	LinCMOS?
Output Type Rail-to-Rail Slew Rate 3.6 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset Current - Supply 2.4mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package	Amplifier Type	General Purpose
Slew Rate 3.6 V/ μ s Gain Bandwidth Product 2.25MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 300 μ V Current - Supply 2.4mA 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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Number of Circuits	2
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	3.6 V/μs
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	2.25MHz
$Voltage - Input Offset \\ Supply \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V} \\ Operating Temperature \\ Mounting Type \\ Surface Mount \\ Package / Case \\ S-SOIC (0.209'', 5.30mm Width) \\ Supplier Device Package \\ 8-SO$	-3db Bandwidth	-
Current - Supply 2.4mA 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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Current - Input Bias	1pA
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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Voltage - Input Offset	$300\mu V$
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 (0.209", 5.30mm Width) Supplier Device Package 8-SO	Current - Supply	2.4mA
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SO	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SO	Voltage - Supply, Single/Dual (±)	4.4 V ~ 16 V, ±2.2 V ~ 8 V
Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SO	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-SO	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.209", 5.30mm Width)
	Supplier Device Package	8-SO
Report error		Report errors?

TLC2272CPSR 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.

TLC2272CPSR Payment Methods



















TLC2272CPSR Shipping Methods













If you have any question about TLC2272CPSR, please do not hesitate to contact us!

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