



TLC2201ACDR Information



For Reference Only

Part Number TLC2201ACDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.9MHZ 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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TLC2201ACDR Specifications

Manufacturer Part NumberTLC2201ACDRManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)SeriesLinCMOS?Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate2.7 V/μsGain Bandwidth Product1.9MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset80μVCurrent - Supply1.1mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4.6 V ~ 16 V, ±2.3 V ~ 8 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		
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Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate $2.7 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 1.9MHz -3db Bandwidth-Current - Input Bias 1pA Voltage - Input Offset $80\mu\text{V}$ Current - Supply 1.1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) $4.6 \text{ V} \sim 16 \text{ V}, \pm 2.3 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC}$ $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8-\text{SOIC}$	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits1Output TypeRail-to-RailSlew Rate $2.7 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 1.9MHz -3db Bandwidth-Current - Input Bias 1pA Voltage - Input Offset $80\mu\text{V}$ Current - Supply 1.1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) $4.6 \text{ V} \sim 16 \text{ V}, \pm 2.3 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC}$ (0.154° , 3.90mm Width)Supplier Device Package $8-\text{SOIC}$	Series	LinCMOS?
Output Type Rail-to-Rail Slew Rate 2.7 V/ μ s Gain Bandwidth Product 1.9MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 80 μ V Current - Supply 1.1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) 4.6 V ~ 16 V, \pm 2.3 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	Amplifier Type	General Purpose
Slew Rate 2.7 V/ μ s 1.9MHz 1.9MHz 2.3db Bandwidth Product 1.9MHz 2.3db Bandwidth - Current - Input Bias 1pA 2.5db Product 1.1mA 2.5db Product 1.1mA 2.5db Product 1.1mA 2.5db Product 1.1mA 3.5db Product 1.	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 80µV Current - Supply 1.1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.6 V ~ 16 V, ±2.3 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	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	2.7 V/μs
Current - Input Bias $ 1pA \\ Voltage - Input Offset \\ S0\mu V \\ Current - Supply \\ 1.1mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.6 \text{ V} \sim 16 \text{ V}, \pm 2.3 \text{ V} \sim 8 \text{ V} \\ Operating Temperature \\ O^{\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	1.9MHz
Voltage - Input Offset $80\mu V$ Current - Supply $1.1 mA$ Current - Output / Channel $50 mA$ Voltage - Supply, Single/Dual (\pm) $4.6 \ V \sim 16 \ V, \pm 2.3 \ V \sim 8 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -SOIC $(0.154^{\circ}, 3.90 mm \ Width)$ Supplier Device Package 8 -SOIC	-3db Bandwidth	-
Current - Supply Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 4.6 V ~ 16 V, ±2.3 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 - Input Bias	1pA
Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) 4.6 V ~ 16 V, \pm 2.3 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	Voltage - Input Offset	$80\mu V$
Voltage - Supply, Single/Dual (\pm) 4.6 V ~ 16 V, \pm 2.3 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	1.1mA
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 (±)	4.6 V ~ 16 V, ±2.3 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?	Supplier Device Package	8-SOIC
		Report errors?

TLC2201ACDR 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.

TLC2201ACDR Payment Methods





















TLC2201ACDR Shipping Methods













If you have any question about TLC2201ACDR, please do not hesitate to contact us!

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