



TLV2775AIDR Information

Part Number TLV2775AIDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 5.1MHZ RRO 16SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TLV2775AIDR Specifications

Manufacturer Part NumberTLV2775AIDRManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage16-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate10.5 V/μsGain Bandwidth Product5.1MHz-3db Bandwidth-Current - Input Bias2pAVoltage - Input Offset700μVCurrent - Supply1mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 16-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 10.5 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 700µV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Instrumentation, OP Amps, Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	TLV2775AIDR
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Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset $700\mu\text{V}$ 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \approx 16-8\text{OIC} (0.154^{\circ}, 3.90\text{mm Width})$		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 10.5 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case General Purpose 40 General Purpose Annual Purpose Annual Pail Annual Pail Annual Purpose Rail-to-Rail Annual Ann	Package	16-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 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 700 μ V 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 -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	Series	-
Output Type Rail-to-Rail Slew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias $2pA$ Voltage - Input Offset $700\mu\text{V}$ 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Amplifier Type	General Purpose
Slew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5.1MHz -3db Bandwidth $- \text{Current - Input Bias}$ 2pA $Voltage - Input Offset$ $700 \mu V$ $Current - Supply$ 1mA $Current - Output / Channel$ 50mA $Voltage - Supply, Single/Dual (±)$ $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ $0 \text{perating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ $Mounting Type$ $Surface Mount$ $Package / Case$ $16-SOIC (0.154", 3.90 \text{mm Width})$	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 700μV Current - Supply 1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	10.5 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	5.1MHz
Voltage - Input Offset	-3db Bandwidth	-
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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154° , 3.90mm Width)	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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154° , 3.90mm Width)	Voltage - Input Offset	700μV
Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V, \pm 1.25 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	Current - Supply	1mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V
Package / Case 16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report error		Report errors?

TLV2775AIDR 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.

TLV2775AIDR Payment Methods



















TLV2775AIDR Shipping Methods













If you have any question about TLV2775AIDR, please do not hesitate to contact us!

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