



TLV2375IDR Information

Manufact Category

Part Number TLV2375IDR

Manufacturer Texas Instruments

egory Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 3MHZ RRO 16SOIC **Package** 16-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



Request a Quote

Certified Quality

For Reference Only

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.









TLV2375IDR Specifications

Manufacturer Part Number TLV2375IDR Manufacturer Texas Instruments 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 2.1 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC		
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 2.1 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750μA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Manufacturer Part Number	TLV2375IDR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage16-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate2.1 V/μsGain Bandwidth Product3MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset2mVCurrent - Supply750μACurrent - Output / Channel16mAVoltage - Supply, Single/Dual (±)2.7 V ~ 16 V, ±1.35 V ~ 8 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	Texas Instruments
Package 16-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 2.1 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750μA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Category	Integrated Circuits (ICs)
Series-Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate2.1 V/μsGain Bandwidth Product3MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset2mVCurrent - Supply750μACurrent - Output / Channel16mAVoltage - Supply, Single/Dual (±)2.7 V ~ 16 V, ±1.35 V ~ 8 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate2.1 V/μsGain Bandwidth Product3MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset2mVCurrent - Supply750μACurrent - Output / Channel16mAVoltage - Supply, Single/Dual (±)2.7 V ~ 16 V, ±1.35 V ~ 8 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Package	16-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 2.1 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750μA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Series	-
Output Type Rail-to-Rail Slew Rate 2.1 V/ μ s Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750 μ A Current - Output / Channel 16mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Amplifier Type	General Purpose
Slew Rate 2.1 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750μA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750μA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	2.1 V/μs
Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 750 μ A Current - Output / Channel 16mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Gain Bandwidth Product	3MHz
Voltage - Input Offset $2mV$ Current - Supply $750\mu A$ Current - Output / Channel $16mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 16 \text{ V}, \pm 1.35 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 16-SOIC $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package 16-SOIC	-3db Bandwidth	-
Current - Supply 750 μ A Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Current - Input Bias	1pA
Current - Output / Channel $16mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 16 \text{ V}, \pm 1.35 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154° , 3.90mm Width)Supplier Device Package 16-SOIC	Voltage - Input Offset	2mV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Current - Supply	750μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Current - Output / Channel	16mA
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 16 V, ±1.35 V ~ 8 V
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

TLV2375IDR 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.

TLV2375IDR Payment Methods



















TLV2375IDR Shipping Methods













If you have any question about TLV2375IDR, please do not hesitate to contact us!

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