



OPA2172ID Information



For Reference Only

Part Number OPA2172ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 10MHZ RRO 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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OPA2172ID Specifications

Manufacturer Part NumberOPA2172IDManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate10 V/μsGain Bandwidth Product10MHz-3db Bandwidth-Current - Input Bias8pAVoltage - Input Offset200μVCurrent - Supply1.6mACurrent - Output / Channel75mAVoltage - Supply, Single/Dual (±)4.5 V ~ 36 V, ±2.25 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount		
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Slew Rate $10 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 10MHz -3db Bandwidth $-$ Current - Input Bias $8pA$ Voltage - Input Offset $200\mu\text{V}$ Current - Supply $1.6mA$ Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Number of Circuits	2
Gain Bandwidth Product 10MHz -3db Bandwidth	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	10 V/μs
Current - Input Bias $8pA$ Voltage - Input Offset $200\mu V$ Current - Supply $1.6mA$ Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $4.5 \ V \sim 36 \ V, \pm 2.25 \ V \sim 18 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Gain Bandwidth Product	10MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $1.6mA$ Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Input Bias	8pA
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Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 36 V, \pm 2.25 V ~ 18 V Operating Temperature -40°C ~ 125°C	Current - Supply	1.6mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Output / Channel	75mA
	Voltage - Supply, Single/Dual (±)	4.5 V ~ 36 V, ±2.25 V ~ 18 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
• ••	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors		Report errors?

OPA2172ID 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.

OPA2172ID Payment Methods



















OPA2172ID Shipping Methods













If you have any question about OPA2172ID, please do not hesitate to contact us!

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