



OPA1632DG4 Information



For Reference Only

Part Number OPA1632DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP AUDIO 180MHZ 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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OPA1632DG4 Specifications

Manufacturer Part Number OPA1632DG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Audio Number of Circuits 1 Output Type Differential Slew Rate 50 V/μs Gain Bandwidth Product - -3db Bandwidth 180MHz Current - Input Bias 2μA Voltage - Input Offset 500μV Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 32 V, ±2.5 V ~ 16 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
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Amplifier TypeAudioNumber of Circuits1Output TypeDifferentialSlew Rate50 V/μsGain Bandwidth Product3db Bandwidth180MHzCurrent - Input Bias2μAVoltage - Input Offset500μVCurrent - Supply14mACurrent - Output / Channel85mAVoltage - Supply, Single/Dual (±)5 V ~ 32 V, ±2.5 V ~ 16 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
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Output Type Differential Slew Rate $50 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 180MHz Current - Input Bias $2\mu\text{A}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) $5 \text{ V} \sim 32 \text{ V}, \pm 2.5 \text{ V} \sim 16 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC $(0.154^{\circ}\text{I}, 3.90\text{mm Width})$ Supplier Device Package 8-SOIC	Amplifier Type	Audio
Slew Rate 50 V/µs Gain Bandwidth Product	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 180MHz Current - Input Bias 2μA Voltage - Input Offset 500μV Current - Supply 14mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 32 V, ±2.5 V ~ 16 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Differential
$-3 db \ Bandwidth $	Slew Rate	50 V/μs
Current - Input Bias $2\mu A$ Voltage - Input Offset $500\mu V$ Current - Supply $14mA$ Current - Output / Channel $85mA$ Voltage - Supply, Single/Dual (±) $5 V \sim 32 V, \pm 2.5 V \sim 16 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package 8 -SOIC	Gain Bandwidth Product	-
Voltage - Input Offset $500\mu V$ Current - Supply $14mA$ Current - Output / Channel $85mA$ Voltage - Supply, Single/Dual (±) $5 V \sim 32 V, \pm 2.5 V \sim 16 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case 8 -SOIC (0.154", 3.90mm Width)Supplier Device Package 8 -SOIC	-3db Bandwidth	180MHz
Current - Supply Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 32 V, ±2.5 V ~ 16 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Input Bias	2μΑ
Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 5 V ~ 32 V, ±2.5 V ~ 16 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual (\pm) 5 V ~ 32 V, \pm 2.5 V ~ 16 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	14mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Output / Channel	85mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	5 V ~ 32 V, ±2.5 V ~ 16 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°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?

OPA1632DG4 Guarantees



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Service Guarantees

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OPA1632DG4 Shipping Methods













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