



OPA1632DGN Information



For Reference Only

Part Number OPA1632DGN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP AUDIO 180MHZ 8MSOP

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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OPA1632DGN Specifications

Manufacturer Part Number OPA1632DGN Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad 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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	•	
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PackageLinear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Amplifier TypeAudioNumber of Circuits1Output TypeDifferentialSlew 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 TypeSurface MountPackage / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00mm Width) \text{ Exposed Pad}$ Supplier Device Package 8-MSOP-PowerPad	Manufacturer	Texas Instruments
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Series-Amplifier TypeAudioNumber of Circuits1Output TypeDifferentialSlew 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 TypeSurface MountPackage / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118", 3.00\text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package $8-\text{MSOP-PowerPad}$		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeAudioNumber of Circuits1Output TypeDifferentialSlew 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 TypeSurface MountPackage / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118", 3.00\text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package $8-\text{MSOP-PowerPad}$	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Number of Circuits 1 1 Output Type Differential Slew Rate 50 V/ μ s Gain Bandwidth Product3db Bandwidth Product 180MHz Current - Input Bias 2 μ A Voltage - Input Offset 500 μ V Current - Supply 14mA Current - Output / Channel 85mA 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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Series	-
Output Type Differential Slew Rate $50 \text{ V/}\mu\text{s}$ Gain Bandwidth Product	Amplifier Type	Audio
Slew Rate 50 V/ μ s Gain Bandwidth Product3db Bandwidth 180MHz Current - Input Bias 2 μ A Voltage - Input Offset 500 μ V 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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	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 -TSSOP, 8 -MSOP (0.118 ", $3.00mm$ Width) Exposed Pad Supplier Device Package 8 -MSOP-PowerPad	Gain Bandwidth Product	-
Voltage - Input Offset $500\mu V$ Current - Supply $14mA$ Current - Output / Channel $85mA$ Voltage - Supply, Single/Dual (\pm) $5 V \sim 32 V$, $\pm 2.5 V \sim 16 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -TSSOP, 8 -MSOP (0.118 ", $3.00mm$ Width) Exposed Pad Supplier Device Package 8 -MSOP-PowerPad	-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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	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-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Current - Supply	14mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Current - Output / Channel	85mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Voltage - Supply, Single/Dual (±)	5 V ~ 32 V, ±2.5 V ~ 16 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-MSOP-PowerPad	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Report errors?	Supplier Device Package	8-MSOP-PowerPad
		Report errors?

OPA1632DGN 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.

OPA1632DGN Payment Methods



















OPA1632DGN Shipping Methods













If you have any question about OPA1632DGN, please do not hesitate to contact us!

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