



OPA1642AIDR Information



For Reference Only

Part Number OPA1642AIDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP AUDIO 11MHZ RRO 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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OPA1642AIDR Specifications

Manufacturer Part Number OPA1642AIDR Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series SoundPlus? Amplifier Type Audio Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 20 V/µs Gain Bandwidth Product 11MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset ImV Current - Supply 1.8mA Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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 Type Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 20 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset ImV Current - Supply 1.8mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
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Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset ImV Current - Supply 1.8mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 1mV Current - Supply 1.8mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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	Rail-to-Rail
-3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 1mV Current - Supply 1.8mA Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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	Slew Rate	20 V/μs
Current - Input Bias 2pA Voltage - Input Offset 1mV Current - Supply 1.8mA Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Gain Bandwidth Product	11MHz
Voltage - Input Offset Current - Supply 1.8mA Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	-3db Bandwidth	-
Current - Supply 1.8mA Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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	2pA
Current - Output / Channel 36mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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	1mV
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 36 V, \pm 2.25 V ~ 18 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	1.8mA
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	36mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 36 V, ±2.25 V ~ 18 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 chois:		Report errors?

OPA1642AIDR 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.

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OPA1642AIDR Shipping Methods













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