



THS4222DG4 Information



For Reference Only

Part Number THS4222DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 120MHZ 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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THS4222DG4 Specifications

Manufacturer Part Number THS4222DG4 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 Voltage Feedback Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 990 V/μs Gain Bandwidth Product 120MHz -3db Bandwidth 230MHz Current - Input Bias 900nA Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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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Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output TypeRail-to-RailSlew Rate990 V/μsGain Bandwidth Product120MHz-3db Bandwidth230MHzCurrent - Input Bias900nAVoltage - Input Offset3mVCurrent - Supply14mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)2.7 V ~ 15 V, ±1.35 V ~ 7.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)
Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 990 V/µs Gain Bandwidth Product 120MHz -3db Bandwidth Current - Input Bias 900nA Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Output Type Rail-to-Rail Slew Rate 990 V/µs Gain Bandwidth Product -3db Bandwidth Current - Input Bias 900nA Voltage - Input Offset Current - Supply 14mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case 8-SOIC Rail-to-Rail 84il-to-Rail 990 V/µs Rail-to-Rail 990 V/µs 120MHz 230MHz 230MHz 230MHz 2400nA Voltage - Supply 14mA 2.7 V ~ 15 V, ±1.35 V ~ 7.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Amplifier Type	Voltage Feedback
Slew Rate 990 V/µs Gain Bandwidth Product 120MHz -3db Bandwidth 230MHz Current - Input Bias 900nA Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth 230MHz Current - Input Bias 900nA Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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 230MHz Current - Input Bias 900nA Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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	990 V/μs
Current - Input Bias Voltage - Input Offset 3mV Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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	120MHz
Voltage - Input Offset $3mV$ Current - Supply $14mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 15 \text{ V}, \pm 1.35 \text{ V} \sim 7.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package 8-SOIC	-3db Bandwidth	230MHz
Current - Supply 14mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 15 V, ±1.35 V ~ 7.5 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	900nA
Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 15 V, \pm 1.35 V ~ 7.5 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	3mV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 15 V, \pm 1.35 V ~ 7.5 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	100mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 15 V, ±1.35 V ~ 7.5 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)
Papart arrors	Supplier Device Package	8-SOIC
Report errors		Report errors?

THS4222DG4 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.

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THS4222DG4 Shipping Methods













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