



#### **THS4121IDGNR Information**



For Reference Only

Part Number THS4121IDGNR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP DIFF 100MHZ 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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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **THS4121IDGNR Specifications**

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate55 V/μsGain Bandwidth Product3db Bandwidth100MHzCurrent - Input Bias1.2pAVoltage - Input Offset3mVCurrent - Supply11mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)3 V ~ 3.5 V, ±1.5 V ~ 1.75 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	•	
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         Differential           Number of Circuits         1           Output Type         Differential           Slew Rate         55 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         100MHz           Current - Input Bias         1.2pA           Voltage - Input Offset         3mV           Current - Supply         11mA           Current - Output / Channel         100mA           Voltage - Supply, Single/Dual (±)         3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	Manufacturer Part Number	THS4121IDGNR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad  Series  - Amplifier Type Differential  Number of Circuits 1  Output Type Differential  Slew Rate 55 V/µs  Gain Bandwidth Product3db Bandwidth 100MHz  Current - Input Bias 1.2pA  Voltage - Input Offset 3mV  Current - Supply 11mA  Current - Output / Channel 100mA  Voltage - Supply, Single/Dual (±) 3 V ~ 3.5 V, ±1.5 V ~ 1.75 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad  S-MSOP-PowerPad	Manufacturer	Texas Instruments
Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad           Series         -           Amplifier Type         Differential           Number of Circuits         1           Output Type         Differential           Slew Rate         55 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         100MHz           Current - Input Bias         1.2pA           Voltage - Input Offset         3mV           Current - Supply         11mA           Current - Output / Channel         100mA           Voltage - Supply, Single/Dual (±)         3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	Category	Integrated Circuits (ICs)
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Output Type  Differential  Slew Rate  55 V/µs  Gain Bandwidth Product  -3db Bandwidth  100MHz  Current - Input Bias  1.2pA  Voltage - Input Offset  3mV  Current - Supply  11mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	Amplifier Type	Differential
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Voltage - Input Offset  Current - Supply  11mA  Current - Output / Channel  100mA  Voltage - Supply, Single/Dual (±)  3 V ~ 3.5 V, ±1.5 V ~ 1.75 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	-3db Bandwidth	100MHz
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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?

### **THS4121IDGNR 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.

# **THS4121IDGNR Payment Methods**



















## **THS4121IDGNR Shipping Methods**













If you have any question about THS4121IDGNR, please do not hesitate to contact us!

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