



THS4021CDGN Information



For Reference Only

Part Number THS4021CDGN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 350MHZ 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



Request a Quote

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.









THS4021CDGN Specifications

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 Voltage Feedback Number of Circuits 1 Output Type - Slew Rate 470 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad		
Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	THS4021CDGN
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Voltage Feedback Number of Circuits 1 Output Type - Slew Rate 470 V/μs Gain Bandwidth Product -3db Bandwidth 350MHz Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Output / Channel Voltage - Supply, Single/Dual (±) 0°C ~ 70°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 Voltage Feedback Number of Circuits 1 Output Type - Slew Rate 470 V/μs Gain Bandwidth Product3db Bandwidth Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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)
Series -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeVoltage FeedbackNumber of Circuits1Output Type-Slew Rate470 V/μsGain Bandwidth Product3db Bandwidth350MHzCurrent - Input Bias3μAVoltage - Input Offset500μVCurrent - Supply7.8mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)9 V ~ 32 V, ±4.5 V ~ 16 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package8-MSOP-PowerPad	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Number of Circuits 1 Output Type - Slew Rate 470 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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 - Slew Rate 470 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 3μA Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Amplifier Type	Voltage Feedback
Slew Rate Gain Bandwidth Product -3db Bandwidth 350MHz Current - Input Bias Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 470 V/μs -470	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 350MHz Current - Input Bias Voltage - Input Offset 500μV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Output Type	-
-3db Bandwidth $350 MHz$ Current - Input Bias $3μA$ Voltage - Input Offset $500μV$ Current - Supply $7.8mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (±) $9 V \sim 32 V, \pm 4.5 V \sim 16 V$ Operating Temperature $0°C \sim 70°C$ Mounting TypeSurface MountPackage / Case 8 -TSSOP, 8 -MSOP ($0.118"$, $3.00mm$ Width) Exposed PadSupplier Device Package 8 -MSOP-PowerPad	Slew Rate	470 V/μs
Current - Input Bias 3µA Voltage - Input Offset 500µV Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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 $7.8mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (±) $9 \ V \sim 32 \ V, \pm 4.5 \ V \sim 16 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ 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	350MHz
Current - Supply 7.8mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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	3μΑ
Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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 (±) 9 V ~ 32 V, ±4.5 V ~ 16 V Operating Temperature 0°C ~ 70°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	7.8mA
Operating Temperature 0°C ~ 70°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	100mA
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 (±)	9 V ~ 32 V, ±4.5 V ~ 16 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 8-MSOP-PowerPad	Operating Temperature	0°C ~ 70°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?

THS4021CDGN 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.

THS4021CDGN Payment Methods



















THS4021CDGN Shipping Methods













If you have any question about THS4021CDGN, please do not hesitate to contact us!

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