



# **TLC081CDGN Information**



For Reference Only

Part Number TLC081CDGN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 10MHZ 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.









# **TLC081CDGN Specifications**

Series - General Purpose  Number of Circuits 1  Output Type - Slew Rate 19 V/μs  Gain Bandwidth Product 10MHz  -3db Bandwidth - Current - Input Bias 2pA  Voltage - Input Offset 390μV  Current - Supply 1.9mA  Current - Output / Channel 57mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 16 V, ±2.25 V ~ 8 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)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad           Series         -           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         -           Slew Rate         19 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         2pA           Voltage - Input Offset         390μV           Current - Supply         1.9mA           Current - Output / Channel         57mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 16 V, ±2.25 V ~ 8 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	Manufacturer Part Number	TLC081CDGN
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Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  390μV  Current - Supply  1.9mA  Current - Output / Channel  57mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 16 V, ±2.25 V ~ 8 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	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 2pA \\ Voltage - Input \ Offset \\ 390 \mu V \\ Current - Supply \\ 1.9 mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 16 \ V, \pm 2.25 \ V \sim 8 \ V \\ Operating \ Temperature \\ 0^{\circ}C \sim 70^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118", 3.00mm \ Width) \ Exposed \ Pad \\ Supplier \ Device \ Package \\ 8-MSOP-PowerPad \\$	Slew Rate	19 V/µs
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Voltage - Input Offset $390\mu V$ Current - Supply $1.9mA$ Current - Output / Channel $57mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \ V \sim 16 \ V$ , $\pm 2.25 \ V \sim 8 \ V$ 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	-
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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
Deposit aways	Supplier Device Package	8-MSOP-PowerPad
Report errors.		Report errors?

### **TLC081CDGN 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.

# **TLC081CDGN Payment Methods**



















### **TLC081CDGN Shipping Methods**













If you have any question about TLC081CDGN, please do not hesitate to contact us!

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