



### **TLC27L9ID Information**



For Reference Only

Part Number TLC27L9ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 110KHZ 14SOIC **Package** 14-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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# **Certified Quality**

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# **TLC27L9ID Specifications**

Manufacturer Part Number       TLC27L9ID         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-SOIC (0.154", 3.90mm Width)         Series       LinCMOS?         Amplifier Type       General Purpose         Number of Circuits       4         Output Type       -         Slew Rate       0.05 V/μs         Gain Bandwidth Product       110kHz         -3db Bandwidth       -         Current - Input Bias       0.7pA         Voltage - Input Offset       210μV         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       3 V ~ 16 V, ±1.5 V ~ 8 V         Operating Temperature       -40°C ~ 85°C		
$ \begin{array}{c} Category & Integrated Circuits (ICs) \\ Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps \\ Package & 14-SOIC (0.154", 3.90mm Width) \\ Series & LinCMOS? \\ Amplifier Type & General Purpose \\ Number of Circuits & 4 \\ Output Type & - \\ Slew Rate & 0.05 \ V/\mu s \\ Gain Bandwidth Product & 110kHz \\ -3db Bandwidth & - \\ Current - Input Bias & 0.7pA \\ Voltage - Input Offset & 210 \mu V \\ Current - Supply & 57 \mu A \\ Current - Output / Channel & 30mA \\ Voltage - Supply, Single/Dual (\pm) & 3 \ V \sim 16 \ V, \pm 1.5 \ V \sim 8 \ V \\ \end{array} $	Manufacturer Part Number	TLC27L9ID
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Package 14-SOIC (0.154", 3.90mm Width) Series LinCMOS?  Amplifier Type General Purpose  Number of Circuits 4  Output Type - Slew Rate 0.05 V/ $\mu$ s  Gain Bandwidth Product 110kHz  -3db Bandwidth - Current - Input Bias 0.7pA  Voltage - Input Offset 210 $\mu$ V  Current - Supply 57 $\mu$ A  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V	Category	Integrated Circuits (ICs)
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Slew Rate $0.05 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $110\text{kHz}$ -3db Bandwidth -  Current - Input Bias $0.7\text{pA}$ Voltage - Input Offset $210\mu\text{V}$ Current - Supply $57\mu\text{A}$ Current - Output / Channel $30\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$	Number of Circuits	4
Gain Bandwidth Product 110kHz -3db Bandwidth - Current - Input Bias 0.7pA Voltage - Input Offset 210 $\mu$ V Current - Supply 57 $\mu$ A Current - Output / Channel 30mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.05 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	110kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $57\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $3 V \sim 16 V, \pm 1.5 V \sim 8 V$	Current - Input Bias	0.7pA
Current - Output / Channel $30\text{mA}$ Voltage - Supply, Single/Dual (±) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$	Voltage - Input Offset	210μV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V	Current - Supply	57μΑ
	Current - Output / Channel	30mA
Operating Temperature -40°C ~ 85°C	Voltage - Supply, Single/Dual (±)	$3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$
-1	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Report error		Report errors?

### **TLC27L9ID 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.

## **TLC27L9ID Payment Methods**





















## **TLC27L9ID Shipping Methods**













If you have any question about TLC27L9ID, please do not hesitate to contact us!

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