



#### **TLC27L4BID Information**



For Reference Only

Part Number TLC27L4BID

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**

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.









## **TLC27L4BID Specifications**

Manufacturer Part Number         TLC27L4BID           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         260μV           Current - Supply         57μA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         4 V ~ 16 V, ±2 V ~ 8 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)           Supplier Device Package         14-SOIC		
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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 260 $\mu$ V  Current - Supply 57 $\mu$ A  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 16 V, $\pm$ 2 V ~ 8 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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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 260 $\mu$ V Current - Supply 57 $\mu$ A Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 4 V ~ 16 V, ±2 V ~ 8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Series	LinCMOS?
Output Type - Slew Rate 0.05 V/µs  Gain Bandwidth Product 110kHz -3db Bandwidth - Current - Input Bias 0.7pA  Voltage - Input Offset 260µV  Current - Supply 57µA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) 4 V ~ 16 V, ±2 V ~ 8 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Amplifier Type	General Purpose
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 $260\mu\text{V}$ Current - Supply $57\mu\text{A}$ Current - Output / Channel $30\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 \text{ V} \sim 16 \text{ V}, \pm 2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $14\text{-SOIC}$ $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $14\text{-SOIC}$	Number of Circuits	4
Gain Bandwidth Product 110kHz -3db Bandwidth -   Current - Input Bias 0.7pA   Voltage - Input Offset 260 $\mu$ V   Current - Supply 57 $\mu$ A   Current - Output / Channel 30mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 16 V, $\pm$ 2 V ~ 8 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount   Package / Case 14-SOIC (0.154", 3.90mm Width)   Supplier Device Package 14-SOIC	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 0.7 pA \\ Voltage - Input \ Offset \\ 260 \mu V \\ Current - Supply \\ 57 \mu A \\ Current - Output / Channel \\ 30 mA \\ Voltage - Supply, Single/Dual (\pm) 4 \ V \sim 16 \ V, \pm 2 \ V \sim 8 \ V \\ Operating \ Temperature \\ 40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-SOIC (0.154", 3.90 mm \ Width) \\ Supplier \ Device \ Package \\ 14-SOIC \\ \\$	Slew Rate	0.05 V/μs
$\begin{array}{llll} & & & & & & & & & & & \\ & & & & & & & $	Gain Bandwidth Product	110kHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $57\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $4 V \sim 16 V$ , $\pm 2 V \sim 8 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $14$ -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package $14$ -SOIC	Current - Input Bias	0.7pA
Current - Output / Channel $30 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 \text{ V} \sim 16 \text{ V}, \pm 2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90 \text{mm}$ Width)Supplier Device Package $14\text{-SOIC}$	Voltage - Input Offset	$260\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 16 V, $\pm$ 2 V ~ 8 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Current - Supply	57μΑ
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	4 V ~ 16 V, ±2 V ~ 8 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	14-SOIC
Report errors?		Report errors?

#### **TLC27L4BID 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.

## **TLC27L4BID Payment Methods**





















## **TLC27L4BID Shipping Methods**













If you have any question about TLC27L4BID, please do not hesitate to contact us!

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