

### **TLV2334IN Information**



For Reference Only

Part Number TLV2334IN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 525KHZ 14DIP

**Package** 14-DIP (0.300", 7.62mm)

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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# **TLV2334IN Specifications**

Manufacturer Part Number         TLV2334IN           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         LinCMOS?           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.43 V/μs           Gain Bandwidth Product         525kHz           -3db Bandwidth         -           Current - Input Bias         0.6pA           Voltage - Input Offset         1.1mV           Current - Supply         420μA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         2 V ~ 8 V, ±1 V ~ 4 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP		
Category	Manufacturer Part Number	TLV2334IN
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         LinCMOS?           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.43 V/μs           Gain Bandwidth Product         525kHz           -3db Bandwidth         -           Current - Input Bias         0.6pA           Voltage - Input Offset         1.1mV           Current - Supply         420μA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         2 V ~ 8 V, ±1 V ~ 4 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)	Manufacturer	Texas Instruments
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Number of Circuits 4 Output Type - Slew Rate 0.43 V/ $\mu$ s Gain Bandwidth Product 525kHz -3db Bandwidth - Current - Input Bias 0.6pA Voltage - Input Offset 1.1mV Current - Supply 420 $\mu$ A Current - Output / Channel 30mA Voltage - Supply, Single/Dual ( $\pm$ ) 2 V ~ 8 V, $\pm$ 1 V ~ 4 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Series	LinCMOS?
Output Type       -         Slew Rate       0.43 V/μs         Gain Bandwidth Product       525kHz         -3db Bandwidth       -         Current - Input Bias       0.6pA         Voltage - Input Offset       1.1mV         Current - Supply       420μA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       2 V ~ 8 V, ±1 V ~ 4 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Through Hole         Package / Case       14-DIP (0.300", 7.62mm)	Amplifier Type	General Purpose
Slew Rate 0.43 V/ $\mu$ s  Gain Bandwidth Product 525kHz  -3db Bandwidth -  Current - Input Bias 0.6pA  Voltage - Input Offset 1.1mV  Current - Supply 420 $\mu$ A  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) 2 V ~ 8 V, ±1 V ~ 4 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)	Number of Circuits	4
Gain Bandwidth Product       525kHz         -3db Bandwidth       -         Current - Input Bias       0.6pA         Voltage - Input Offset       1.1mV         Current - Supply       420μA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       2 V ~ 8 V, ±1 V ~ 4 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Through Hole         Package / Case       14-DIP (0.300", 7.62mm)	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	0.43 V/μs
Current - Input Bias $0.6pA$ Voltage - Input Offset $1.1mV$ Current - Supply $420\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2 V \sim 8 V$ , $\pm 1 V \sim 4 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Through Hole  Package / Case $14$ -DIP $(0.300^{\circ}, 7.62mm)$	Gain Bandwidth Product	525kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $420\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $2 V \sim 8 V$ , ±1 $V \sim 4 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Through Hole  Package / Case $14$ -DIP (0.300", 7.62mm)	Current - Input Bias	0.6pA
Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2 \text{ V} \sim 8 \text{ V}, \pm 1 \text{ V} \sim 4 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP}$ ( $0.300^{\circ}$ , $7.62mm$ )	Voltage - Input Offset	1.1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 2 V ~ 8 V, $\pm$ 1 V ~ 4 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Current - Supply	420μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)	Current - Output / Channel	30mA
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Voltage - Supply, Single/Dual (±)	2 V ~ 8 V, ±1 V ~ 4 V
Package / Case 14-DIP (0.300", 7.62mm)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Through Hole
Supplier Device Package 14-PDIP	Package / Case	14-DIP (0.300", 7.62mm)
	Supplier Device Package	14-PDIP
Report errors		Report errors?

### **TLV2334IN 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.

### **TLV2334IN Payment Methods**



















## **TLV2334IN Shipping Methods**













If you have any question about TLV2334IN, please do not hesitate to contact us!

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