



## **TLC2264AIN Information**



For Reference Only

Part Number TLC2264AIN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 730KHZ RRO 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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# **TLC2264AIN Specifications**

Manufacturer Part Number       TLC2264AIN         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       Rail-to-Rail         Slew Rate       0.55 V/μs         Gain Bandwidth Product       730kHz         -3db Bandwidth       -         Current - Input Bias       1pA         Voltage - Input Offset       300μV         Current - Supply       850μA         Voltage - Supply, Single/Dual (±)       4.4 V ~ 16 V, ±2.2 V ~ 8 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Package / Case       14-DIP (0.300", 7.62mm)         Supplier Device Package       14-DIP		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	TLC2264AIN
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package         14-DIP (0.300", 7.62mm)           Series         LinCMOS?           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.55 V/μs           Gain Bandwidth Product         730kHz           -3db Bandwidth         -           Current - Input Bias         1pA           Voltage - Input Offset         300μV           Current - Supply         850μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         4.4 V ~ 16 V, ±2.2 V ~ 8 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-PDIP	Category	Integrated Circuits (ICs)
SeriesLinCMOS?Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate0.55 V/μsGain Bandwidth Product730kHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset300μVCurrent - Supply850μACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4.4 V ~ 16 V, ±2.2 V ~ 8 VOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-PDIP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $0.55 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $730\text{kHz}$ -3db Bandwidth-Current - Input Bias $1\text{pA}$ Voltage - Input Offset $300\mu\text{V}$ Current - Supply $850\mu\text{A}$ Current - Output / Channel $50\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $14\text{-PDIP}$	Package	14-DIP (0.300", 7.62mm)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 0.55 V/ $\mu$ s Gain Bandwidth Product 730kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 300 $\mu$ V Current - Supply 850 $\mu$ A Current - Output / Channel 50mA Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 16 V, $\pm$ 2.2 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Series	LinCMOS?
Output Type Rail-to-Rail  Slew Rate 0.55 V/ $\mu$ s  Gain Bandwidth Product 730kHz  -3db Bandwidth  - Current - Input Bias 1pA  Voltage - Input Offset 300 $\mu$ V  Current - Supply 850 $\mu$ A  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 16 V, $\pm$ 2.2 V ~ 8 V  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Amplifier Type	General Purpose
Slew Rate 0.55 V/µs   Gain Bandwidth Product 730kHz   -3db Bandwidth -   Current - Input Bias 1pA   Voltage - Input Offset 300µV   Current - Supply 850µA   Current - Output / Channel 50mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 16 V, $\pm$ 2.2 V ~ 8 V   Operating Temperature -40°C ~ 125°C   Mounting Type Through Hole   Package / Case 14-DIP (0.300", 7.62mm)   Supplier Device Package 14-PDIP	Number of Circuits	4
	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ 1pA \\ Voltage - Input \ Offset \\ 300\mu V \\ Current - Supply \\ 850\mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.4 \ V \sim 16 \ V, \pm 2.2 \ V \sim 8 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Through \ Hole \\ Package / Case \\ 14-DIP (0.300'', 7.62mm) \\ Supplier \ Device \ Package \\ 14-PDIP \\ \\$	Slew Rate	0.55 V/μs
Current - Input Bias $ 1pA \\ Voltage - Input Offset \\ 300\mu V \\ Current - Supply \\ 850\mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm)  4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V} \\ Operating Temperature \\ -40^{\circ}\text{C} \sim 125^{\circ}\text{C} \\ Mounting Type \\ Through Hole \\ Package / Case \\ 14-DIP (0.300'', 7.62mm) \\ Supplier Device Package \\ 14-PDIP $	Gain Bandwidth Product	730kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $850\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case $14\text{-DIP}$ (0.300", 7.62mm)  Supplier Device Package $14\text{-PDIP}$	Current - Input Bias	1pA
Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 16 \text{ V}, \pm 2.2 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP}$ ( $0.300^{\circ}$ , $7.62mm$ )Supplier Device Package $14\text{-PDIP}$	Voltage - Input Offset	300μV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 16 V, $\pm$ 2.2 V ~ 8 V  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Current - Supply	850μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Current - Output / Channel	50mA
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Voltage - Supply, Single/Dual (±)	4.4 V ~ 16 V, ±2.2 V ~ 8 V
Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-PDIP	Mounting Type	Through Hole
	Package / Case	14-DIP (0.300", 7.62mm)
Danart arrays	Supplier Device Package	14-PDIP
Report errors		Report errors?

## **TLC2264AIN 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.

## **TLC2264AIN Payment Methods**



















# **TLC2264AIN Shipping Methods**













If you have any question about TLC2264AIN, please do not hesitate to contact us!

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