



## **TLC074AIN Information**



For Reference Only

Part Number TLC074AIN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 10MHZ 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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## **TLC074AIN Specifications**

Manufacturer Part Number         TLC074AIN           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         19 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         1.5pA           Voltage - Input Offset         390μV           Current - Supply         2.1mA           Current - Output / Channel         57mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 16 V, ±2.25 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		
Category   Integrated Circuits (ICs)	Manufacturer Part Number	TLC074AIN
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         19 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         1.5pA           Voltage - Input Offset         390μV           Current - Supply         2.1mA           Current - Output / Channel         57mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 16 V, ±2.25 V ~ 8 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)	Manufacturer	Texas Instruments
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Amplifier Type General Purpose Number of Circuits 4  Output Type - Slew Rate 19 $V/\mu s$ Gain Bandwidth Product 10MHz  -3db Bandwidth - Current - Input Bias 1.5pA  Voltage - Input Offset 390 $\mu V$ Current - Supply 2.1mA  Current - Output / Channel 57mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 $V \sim 16 V$ , $\pm 2.25 V \sim 8 V$ Operating Temperature -40°C $\sim 125$ °C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)	Package	14-DIP (0.300", 7.62mm)
Number of Circuits       4         Output Type       -         Slew Rate       19 V/μs         Gain Bandwidth Product       10MHz         -3db Bandwidth       -         Current - Input Bias       1.5pA         Voltage - Input Offset       390μV         Current - Supply       2.1mA         Current - Output / Channel       57mA         Voltage - Supply, Single/Dual (±)       4.5 V ~ 16 V, ±2.25 V ~ 8 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Package / Case       14-DIP (0.300", 7.62mm)	Series	-
Output Type - Slew Rate 19 V/ $\mu$ s Gain Bandwidth Product 10MHz - 3db Bandwidth - Current - Input Bias 1.5pA Voltage - Input Offset 390 $\mu$ V Current - Supply 2.1mA Current - Output / Channel 57mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16 V, $\pm$ 2.25 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Amplifier Type	General Purpose
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Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  1.5pA  Voltage - Input Offset  390µV  Current - Supply  2.1mA  Current - Output / Channel  57mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 16 V, ±2.25 V ~ 8 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	19 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	10MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $2.1 mA$ Current - Output / Channel $57 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \text{ V} \sim 16 \text{ V}, \pm 2.25 \text{ V} \sim 8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP}$ ( $0.300^{\circ}$ , $7.62 mm$ )	Current - Input Bias	1.5pA
Current - Output / Channel 57mA $ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 16 \ V, \pm 2.25 \ 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) $	Voltage - Input Offset	390μV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 16 V, $\pm$ 2.25 V ~ 8 V Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Current - Supply	2.1mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)	Current - Output / Channel	57mA
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Voltage - Supply, Single/Dual (±)	4.5 V ~ 16 V, ±2.25 V ~ 8 V
Package / Case 14-DIP (0.300", 7.62mm)	Operating Temperature	-40°C ~ 125°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?

#### **TLC074AIN 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.

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# **TLC074AIN Payment Methods**





















### **TLC074AIN Shipping Methods**













If you have any question about TLC074AIN, please do not hesitate to contact us!

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