



MCP6074T-E/ST Information



For Reference Only

Part Number MCP6074T-E/ST

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.2MHZ RRO 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MCP6074T-E/ST Specifications

Manufacturer Part Number MCP6074T-E/ST Manufacturer Microchip Technology Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-TSSOP (0.173", 4.40mm Width) Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 0.5 V/μs Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 150μV Current - Output / Channel 28mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP		
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Output Type Rail-to-Rail Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 150 μ V Current - Supply 110 μ A Current - Output / Channel 28mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Amplifier Type	General Purpose
Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 150 μ V Current - Supply 110 μ A Current - Output / Channel 28mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Number of Circuits	4
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ IpA \\ Voltage - Input \ Offset \\ 150 \mu V \\ Current - Supply \\ 110 \mu A \\ Current - Output / Channel \\ 28 mA \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 6 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-TSSOP (0.173'', 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 14-TSSOP$	Slew Rate	0.5 V/μs
Current - Input Bias 1pA $Voltage - Input Offset 150 \mu V$ Current - Supply 110 \mu A $Voltage - Supply / Channel 28mA$ $Voltage - Supply, Single / Dual (\pm) 1.8 V \sim 6 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount $Package / Case 14-TSSOP (0.173'', 4.40mm Width)$ Supplier Device Package	Gain Bandwidth Product	1.2MHz
Voltage - Input Offset $150\mu V$ Current - Supply $110\mu A$ Current - Output / Channel $28mA$ Voltage - Supply, Single/Dual (\pm) $1.8 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $Surface \ Mount$ Package / Case $14\text{-TSSOP} \ (0.173'', 4.40mm \ Width)$ Supplier Device Package 14-TSSOP	-3db Bandwidth	-
Current - Supply $110\mu A$ Current - Output / Channel $28mA$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Package / Case $14\text{-TSSOP} (0.173'', 4.40mm \text{ Width})$ Supplier Device Package 14-TSSOP	Current - Input Bias	1pA
Current - Output / Channel $28mA$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173", 4.40mm Width)Supplier Device Package 14-TSSOP	Voltage - Input Offset	150μV
Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Supply	110μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Output / Channel	28mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	1.8 V ~ 6 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	14-TSSOP
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MCP6074T-E/ST 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.

MCP6074T-E/ST Payment Methods

































If you have any question about MCP6074T-E/ST, please do not hesitate to contact us!

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