



MCP6044T-I/ST Information



For Reference Only

Part NumberMCP6044T-I/STManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP GP 14KHZ RRO 14TSSOPPackage14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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MCP6044T-I/ST Specifications

Manufacturer Part Number MCP6044T-I/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 0.003 V/μs Gain Bandwidth Product 14kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 600nA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (±) 1.4 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)		
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Slew Rate $0.003 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 14kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 600nA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (\pm) $1.4 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP} (0.173^{\circ}, 4.40\text{mm Width})$	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 600nA Current - Output / Channel Voltage - Supply, Single/Dual (±) 1.4 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Output Type	Rail-to-Rail
-3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 600nA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (±) 1.4 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Slew Rate	$0.003 \text{ V/}\mu\text{s}$
Current - Input Bias $1pA$ Voltage - Input Offset $3mV$ Current - Supply $600nA$ Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual (\pm) $1.4 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173 ", 4.40mm Width)	Gain Bandwidth Product	14kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 600nA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (±) 1.4 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Input Bias	1pA
$\begin{tabular}{lll} Current - Output / Channel & 20mA & & & & & \\ Voltage - Supply, Single/Dual (\pm) & 1.4 V \sim 6 V & & & & \\ Operating Temperature & -40^{\circ}C \sim 85^{\circ}C & & & & \\ Mounting Type & Surface Mount & & & \\ Package / Case & 14-TSSOP (0.173", 4.40mm Width) & & & \\ \end{tabular}$	Voltage - Input Offset	3mV
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Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Voltage - Supply, Single/Dual (±)	1.4 V ~ 6 V
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 14-TSSOP	Package / Case	14-TSSOP (0.173", 4.40mm Width)
	Supplier Device Package	14-TSSOP
Report errors		Report errors?

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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.

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MCP6044T-I/ST Shipping Methods













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