



MCP654T-E/ST Information

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For Reference Only

Part Number MCP654T-E/ST

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 50MHZ RRO 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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MCP654T-E/ST Specifications

Manufacturer Part Number MCP654T-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 mCal Technology Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 30 V/μs Gain Bandwidth Product 50MHz -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200μV Current - Supply 6mA Current - Output / Channel 150mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 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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SeriesmCal TechnologyAmplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate30 V/μsGain Bandwidth Product50MHz-3db Bandwidth-Current - Input Bias6pAVoltage - Input Offset200μVCurrent - Supply6mACurrent - Output / Channel150mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 30 V/μs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200μV Current - Supply 6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP General Purpose 40 General Purpose 40 Current 40	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 30 V/ μ s Gain Bandwidth Product 50MHz -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200 μ V Current - Supply 6mA Current - Output / Channel 150mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 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	Series	mCal Technology
Output Type Rail-to-Rail Slew Rate 30 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200µV Current - Supply 6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP Rail-to-Rail 30 V/µs Facility 150mA	Amplifier Type	General Purpose
Slew Rate 30 V/ μ s Gain Bandwidth Product 50MHz -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200 μ V Current - Supply 6mA Current - Output / Channel 150mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 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
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 6pA Voltage - Input Offset 200µV Current - Supply 6mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP 14-TSSOP 14-TSSOP	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 200 \mu V \\ Current - Supply \\ 6mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-TSSOP (0.173", 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 14-TSSOP \\$	Slew Rate	30 V/μs
$\begin{array}{llll} & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & $	Gain Bandwidth Product	50MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 6mA Current - Output / Channel 150mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 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 - Input Bias	6pA
Current - Output / Channel $150 mA$ Voltage - Supply, Single/Dual (\pm) $2.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173° , $4.40 mm$ Width)Supplier Device Package 14-TSSOP	Voltage - Input Offset	$200\mu V$
Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 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	6mA
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 125^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 14-TSSOP \ (0.173", 4.40mm \ Width) \\ \mbox{Supplier Device Package} & 14-TSSOP \\ \end{array} $	Current - Output / Channel	150mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 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
report circles.		Report errors?

MCP654T-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.

MCP654T-E/ST Payment Methods

































If you have any question about MCP654T-E/ST, please do not hesitate to contact us!

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