



MCP634T-E/ST Information

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For Reference Only

Part Number MCP634T-E/ST

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 24MHZ RRO 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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MCP634T-E/ST Specifications

| Manufacturer Part Number MCP634T-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 10 V/μs Gain Bandwidth Product 24MHz -3db Bandwidth - Current - Input Bias 4pA Voltage - Input Offset 1.8mV Current - Supply 2.5mA Current - Output / Channel 70mA 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) | • | |
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| Slew Rate $10 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 24MHz -3db Bandwidth $-\text{Current - Input Bias}$ 4pA $\text{Voltage - Input Offset}$ 1.8mV Current - Supply 2.5mA $\text{Current - Output / Channel}$ 70mA $\text{Voltage - Supply, Single/Dual (±)}$ $2.5 \text{ V} \sim 5.5 \text{ V}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP (0.173", 4.40\text{mm Width)}$ | Number of Circuits | 4 |
| Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 4pA Voltage - Input Offset 1.8mV Current - Supply 2.5mA Current - Output / Channel 70mA 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) | Output Type | Rail-to-Rail |
| -3db Bandwidth Current - Input Bias 4pA Voltage - Input Offset 1.8mV Current - Supply 2.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case -40°C ~ 125°C 14-TSSOP (0.173", 4.40mm Width) | Slew Rate | 10 V/μs |
| Current - Input Bias $4pA$ Voltage - Input Offset $1.8mV$ Current - Supply $2.5mA$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (\pm) $2.5 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173° , $4.40mm$ Width) | Gain Bandwidth Product | 24MHz |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | -3db Bandwidth | - |
| Current - Supply 2.5mA Current - Output / Channel 70mA 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° , 4.40mm Width) | Current - Input Bias | 4pA |
| $\begin{tabular}{lll} Current - Output / Channel & 70mA & \\ Voltage - Supply, Single/Dual (\pm) & 2.5 V ~ 5.5 V & \\ Operating Temperature & -40°C ~ 125°C & \\ Mounting Type & Surface Mount & \\ Package / Case & 14-TSSOP (0.173", 4.40mm Width) & \\ \end{tabular}$ | Voltage - Input Offset | 1.8mV |
| 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) | Current - Supply | 2.5mA |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) | Current - Output / Channel | 70mA |
| Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) | Voltage - Supply, Single/Dual (±) | 2.5 V ~ 5.5 V |
| Package / Case 14-TSSOP (0.173", 4.40mm Width) | Operating Temperature | -40°C ~ 125°C |
| - | Mounting Type | Surface Mount |
| Supplier Device Package 14-TSSOP | Package / Case | 14-TSSOP (0.173", 4.40mm Width) |
| | Supplier Device Package | 14-TSSOP |
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MCP634T-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.

MCP634T-E/ST Payment Methods



















MCP634T-E/ST Shipping Methods













If you have any question about MCP634T-E/ST, please do not hesitate to contact us!

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