

## MCP6H72T-E/MNY

#### MCP6H72T-E/MNY Information



For Reference Only

Part Number MCP6H72T-E/MNY
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 2.7MHZ RRO 8TDFN

Package 8-WFDFN Exposed Pad

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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### MCP6H72T-E/MNY Specifications

Manufacturer Part Number  Manufacturer  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-WFDFN Exposed Pad  Series  - Amplifier Type  General Purpose  Number of Circuits  2 Output Type  Rail-to-Rail  Slew Rate  2 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  10pA  Voltage - Input Offset  ImV  Current - Supply  480µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 125°C  Mounting Type  Package / Case  Supplier Device Package  Pacet arrange of the Amps  Integrated Circuits (ICs)  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Microchip Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Benefit Amps  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps  Buffer Amps  Benefit Amps  Benefit Amps  Integrated Circuits (ICs)  Linear - Amplifier Type  Benefit Amps  Benefit Amps  Integrated Circuits (ICs)  Linear - Amplifier Type  Benefit Amps  Benefit A		
Category  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-WFDFN Exposed Pad  Series  - Amplifier Type  General Purpose  Number of Circuits  2  Output Type  Rail-to-Rail  Slew Rate  2 V/µs  Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  Voltage - Input Offset  ImV  Current - Supply  480µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-WFDFN Exposed Pad  Supplier Device Package  8-TDFN (2x3)	Manufacturer Part Number	MCP6H72T-E/MNY
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-WFDFN Exposed Pad  Series  - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 2 V/µs Gain Bandwidth Product 2.7MHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 1mV Current - Supply 480µA Current - Output / Channel 32mA Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN (2x3)	Manufacturer	Microchip Technology
Package       8-WFDFN Exposed Pad         Series       -         Amplifier Type       General Purpose         Number of Circuits       2         Output Type       Rail-to-Rail         Slew Rate       2 V/μs         Gain Bandwidth Product       2.7MHz         -3db Bandwidth       -         Current - Input Bias       10pA         Voltage - Input Offset       1mV         Current - Supply       480μA         Current - Output / Channel       32mA         Voltage - Supply, Single/Dual (±)       3.5 V ~ 12 V, ±1.75 V ~ 6 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       8-WFDFN Exposed Pad         Supplier Device Package       8-TDFN (2x3)	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         2 V/μs           Gain Bandwidth Product         2.7MHz           -3db Bandwidth         -           Current - Input Bias         10pA           Voltage - Input Offset         1mV           Current - Supply         480μA           Current - Output / Channel         32mA           Voltage - Supply, Single/Dual (±)         3.5 V ~ 12 V, ±1.75 V ~ 6 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-WFDFN Exposed Pad           Supplier Device Package         8-TDFN (2x3)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 2 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 1mV Current - Supply 480µA Current - Output / Channel Voltage - Supply, Single/Dual (±) 3.5 V ~ 12 V, ±1.75 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 8-TDFN (2x3)	Package	8-WFDFN Exposed Pad
Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         2 V/μs           Gain Bandwidth Product         2.7MHz           -3db Bandwidth         -           Current - Input Bias         10pA           Voltage - Input Offset         1mV           Current - Supply         480μA           Current - Output / Channel         32mA           Voltage - Supply, Single/Dual (±)         3.5 V ~ 12 V, ±1.75 V ~ 6 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-WFDFN Exposed Pad           Supplier Device Package         8-TDFN (2x3)	Series	-
Output Type  Rail-to-Rail  Slew Rate  2 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  10pA  Voltage - Input Offset  Current - Supply  480µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  8-TDFN (2x3)	Amplifier Type	General Purpose
Slew Rate  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  480µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  2 V/µs  2.7MHz  -40PA	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  10pA  Voltage - Input Offset  1mV  Current - Supply  480µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3.5 V ~ 12 V, ±1.75 V ~ 6 V  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-WFDFN Exposed Pad  Supplier Device Package  8-TDFN (2x3)	Output Type	Rail-to-Rail
-3db Bandwidth  Current - Input Bias  10pA  Voltage - Input Offset  1mV  Current - Supply  480μA  Current - Output / Channel  32mA  Voltage - Supply, Single/Dual (±)  3.5 V ~ 12 V, ±1.75 V ~ 6 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-WFDFN Exposed Pad  Supplier Device Package  8-TDFN (2x3)	Slew Rate	2 V/μs
Current - Input Bias 10pA   Voltage - Input Offset 1mV   Current - Supply 480 $\mu$ A   Current - Output / Channel 32mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3.5 V ~ 12 V, $\pm$ 1.75 V ~ 6 V   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-WFDFN Exposed Pad   Supplier Device Package 8-TDFN (2x3)	Gain Bandwidth Product	2.7MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $480\mu A$ Current - Output / Channel $32mA$ Voltage - Supply, Single/Dual (±) $3.5 \text{ V} \sim 12 \text{ V}, \pm 1.75 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-WFDFN}$ Exposed Pad  Supplier Device Package $8\text{-TDFN}$ (2x3)	Current - Input Bias	10pA
Current - Output / Channel $32mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3.5 \text{ V} \sim 12 \text{ V}, \pm 1.75 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-TDFN ( $2x3$ )	Voltage - Input Offset	1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3.5 V ~ 12 V, $\pm$ 1.75 V ~ 6 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-WFDFN Exposed Pad  Supplier Device Package 8-TDFN (2x3)	Current - Supply	480μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-WFDFN Exposed Pad  Supplier Device Package 8-TDFN (2x3)	Current - Output / Channel	32mA
Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN (2x3)	Voltage - Supply, Single/Dual (±)	3.5 V ~ 12 V, ±1.75 V ~ 6 V
Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN (2x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-TDFN (2x3)	Mounting Type	Surface Mount
	Package / Case	8-WFDFN Exposed Pad
Donort arrays	Supplier Device Package	8-TDFN (2x3)
Report errors		Report errors?

#### MCP6H72T-E/MNY 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.

### MCP6H72T-E/MNY Payment Methods



















# MCP6H72T-E/MNY Shipping Methods













If you have any question about MCP6H72T-E/MNY, please do not hesitate to contact us!

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