



MCP6549-E/SL Information



For Reference Only

Part Number MCP6549-E/SL

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Linear - Comparators

Description IC COMP 1.6V QUAD O-D 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MCP6549-E/SL Specifications

Manufacturer Part Number MCP6549-E/SL Manufacturer Microchip Technology Category Integrated Circuits (ICs) Linear - Comparators Package 14-SOIC (0.154", 3.90mm Width) Series - Type General Purpose Number of Elements 4 Output Type CMOS, Open-Drain, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 1.6 V ~ 5.5 V Voltage - Input Offset (Max) 7mV @ 5.5V Current - Input Bias (Max) 1pA @ 5.5V Current - Output (Typ) 30mA Current - Quiescent (Max) 1µA CMRR, PSRR (Typ) 70dB CMRR, 80dB PSRR Propagation Delay (Max) 8µs Hystersis 6.5mV Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC (0.154", 3.90mm Width) Mounting Type Surface Mount Supplier Device Package 14-SOIC	•	
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Number of Elements4Output TypeCMOS, Open-Drain, Rail-to-Rail, TTLVoltage - Supply, Single/Dual (\pm) $1.6 \text{ V} \sim 5.5 \text{ V}$ Voltage - Input Offset (Max) 7mV @ 5.5V Current - Input Bias (Max) 1pA @ 5.5V Current - Output (Typ) 30mA Current - Quiescent (Max) 1pA CMRR, PSRR (Typ) 70dB CMRR, 80dB PSRRPropagation Delay (Max) 8ps Hysteresis 6.5mV Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 14-SOIC (0.154° , 3.90mm Width)Mounting TypeSurface MountSupplier Device Package 14-SOIC	Series	-
Output TypeCMOS, Open-Drain, Rail-to-Rail, TTLVoltage - Supply, Single/Dual (±)1.6 V ~ 5.5 VVoltage - Input Offset (Max)7mV @ 5.5VCurrent - Input Bias (Max)1pA @ 5.5VCurrent - Output (Typ)30mACurrent - Quiescent (Max)1μACMRR, PSRR (Typ)70dB CMRR, 80dB PSRRPropagation Delay (Max)8μsHysteresis6.5mVOperating Temperature-40°C ~ 125°CPackage / Case14-SOIC (0.154", 3.90mm Width)Mounting TypeSurface MountSupplier Device Package14-SOIC	Type	General Purpose
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Voltage - Input Offset (Max) Current - Input Bias (Max) 1pA @ 5.5V Current - Output (Typ) 30mA Current - Quiescent (Max) 1μA CMRR, PSRR (Typ) 70dB CMRR, 80dB PSRR Propagation Delay (Max) 8μs Hysteresis 6.5mV Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Output Type	CMOS, Open-Drain, Rail-to-Rail, TTL
Current - Input Bias (Max)1pA @ 5.5VCurrent - Output (Typ)30mACurrent - Quiescent (Max)1μACMRR, PSRR (Typ)70dB CMRR, 80dB PSRRPropagation Delay (Max)8μsHysteresis6.5mVOperating Temperature-40°C ~ 125°CPackage / Case14-SOIC (0.154", 3.90mm Width)Mounting TypeSurface MountSupplier Device Package14-SOIC	Voltage - Supply, Single/Dual (±)	1.6 V ~ 5.5 V
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Current - Quiescent (Max) $1\mu A$ $CMRR, PSRR (Typ)$ $70dB CMRR, 80dB PSRR$ $Propagation Delay (Max)$ $8\mu s$ $6.5mV$ $Operating Temperature$ $-40^{\circ}C \sim 125^{\circ}C$ $Package / Case$ $14-SOIC (0.154", 3.90mm Width)$ $Surphier Device Package$ $14-SOIC$	Current - Input Bias (Max)	1pA @ 5.5V
CMRR, PSRR (Typ) 70dB CMRR, 80dB PSRR Propagation Delay (Max) 8μs Hysteresis 6.5mV Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC (0.154", 3.90mm Width) Mounting Type Surface Mount Supplier Device Package 14-SOIC	Current - Output (Typ)	30mA
Propagation Delay (Max)8μsHysteresis6.5mVOperating Temperature-40°C ~ 125°CPackage / Case14-SOIC (0.154", 3.90mm Width)Mounting TypeSurface MountSupplier Device Package14-SOIC	Current - Quiescent (Max)	1μΑ
Hysteresis 6.5mV Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC (0.154", 3.90mm Width) Mounting Type Surface Mount Supplier Device Package 14-SOIC	CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR
Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC (0.154", 3.90mm Width) Mounting Type Surface Mount Supplier Device Package 14-SOIC	Propagation Delay (Max)	8μs
Package / Case 14-SOIC (0.154", 3.90mm Width) Mounting Type Surface Mount Supplier Device Package 14-SOIC	Hysteresis	6.5mV
Mounting Type Surface Mount Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-SOIC	Package / Case	14-SOIC (0.154", 3.90mm Width)
	Mounting Type	Surface Mount
Report errors?	Supplier Device Package	14-SOIC
		Report errors?

MCP6549-E/SL 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.

MCP6549-E/SL Payment Methods



















MCP6549-E/SL Shipping Methods













If you have any question about MCP6549-E/SL, please do not hesitate to contact us!

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