

MCP6541T-I/MS



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Part Number: MCP6541T-I/MS

Manufacturer: Micrel / Microchip Technology

Description: IC COMP PP I/O SNGL 1.6V 8MSOP

Data sheet:  [Development Tools Catalog](#)
 [MCP6541\(1R,1U,2,3,4\) Datasheet](#)
 [Analog and Interface Product Guide](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCP6541T-I/MS	Manufacturer	Micrel / Microchip Technology
Description	IC COMP PP I/O SNGL 1.6V 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	185679 pcs	Data sheet	Development Tools Catalog MCP6541(1R,1U,2,3,4) Datasheet Analog and Interface Product Guide
Category	Integrated Circuits (ICs)	Voltage - Supply, Single/Dual (±)	1.6 V ~ 5.5 V
Voltage - Input Offset (Max)	7mV @ 5.5V	Type	General Purpose
Supplier Device Package	8-MSOP	Series	-
Propagation Delay (Max)	8µs	Packaging	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	CMOS, Push-Pull, Rail-to-Rail, TTL
Other Names	MCP6541T-I/MS-ND MCP6541T-I/MSSTR MCP6541TI/MS	Operating Temperature	-40°C ~ 85°C
Number of Elements	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Hysteresis	6.5mV	Detailed Description	Comparator General Purpose CMOS, Push-Pull, Rail-to-Rail, TTL 8-MSOP
Current - Quiescent (Max)	1µA	Current - Output (Typ)	-
Current - Input Bias (Max)	1pA @ 5.5V	CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR
Base Part Number	MCP6541		
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