

MCP6542T-I/MS



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Part Number:

MCP6542T-I/MS

Manufacturer:

Micrel / Microchip Technology

Description:

IC COMP PUSHPULL 1.6V DUAL 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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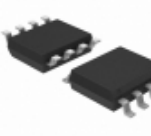
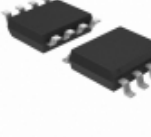
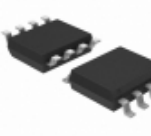
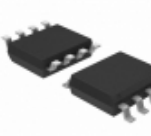
Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP6542T-I/MS	Manufacturer	Micrel / Microchip Technology
Description	IC COMP PUSHPULL 1.6V DUAL 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	145534 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	MCP6542T-I/MS-ND MCP6542T-I/MSTR MCP6542TI/MS	Operating Temperature	-40°C ~ 85°C
Number of Elements	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	10 Weeks
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	MCP6542
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