

MCP6542T-E/MS



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See Product Specifications for product details.  
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Part Number: MCP6542T-E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC COMP 1.6V DUAL P-P 8MSOP

Data sheet:  Development Tools Catalog

 MCP6541(1R,1U,2,3,4) Datasheet

 Analog and Interface Product Guide

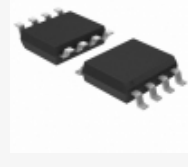
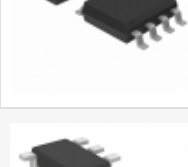
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                                   |                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | MCP6542T-E/MS                                                        | Manufacturer                      | Micrel / Microchip Technology                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC COMP 1.6V DUAL P-P 8MSOP                                          | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 124114 pcs                                                           | Data sheet                        | <a href="#">Development Tools Catalog</a><br><a href="#">MCP6541(1R,1U,2,3,4) Datasheet</a><br><a href="#">Analog and Interface Product Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                            | 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-E/MS-ND<br>MCP6542T-E/MSTR                                  | Operating Temperature             | -40°C ~ 125°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                                                                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 124114 pieces of Micrel / Microchip Technology MCP6542T-E/MS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                      |                                   |                                                                                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP6542-E/P</a><br>Description: IC COMP 1.6V DUAL P-P 8DIP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6543-I/P</a><br>Description: IC COMP PP I/O SNGL 1.6V 8DIP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542-I/P</a><br>Description: IC COMP PUSHPULL 1.6V DUAL 8-DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6543-E/MS</a><br>Description: IC COMP 1.6V SNGL P-P W/CS 8MSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542T-I/MS</a><br>Description: IC COMP PUSHPULL 1.6V DUAL 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542T-E/SN</a><br>Description: IC COMP 1.6V DUAL P-P 8SOIC          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542-E/MS</a><br>Description: IC COMP 1.6V DUAL P-P 8MSOP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542T-E/MSVAO</a><br>Description: IC COMP 1.6V DUAL P-P 8MSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6543-E/SN</a><br>Description: IC COMP 1.6V SNGL P-P W/CS 8SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542-E/SN</a><br>Description: IC COMP 1.6V DUAL P-P 8SOIC           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6541T-I/SN</a><br>Description: IC COMP PP I/O SNGL 1.6V 8SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6543-I/MS</a><br>Description: IC COMP PP I/O SNGL 1.6V 8MSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6541UT-E/OTVAO</a><br>Description: IC COMP PSH-PLL 1.6V SGL SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542-I/MS</a><br>Description: IC COMP PUSHPULL 1.6V DUAL 8MSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6543-E/P</a><br>Description: IC COMP 1.6V SNGL P-P W/CS 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542T-I/SN</a><br>Description: IC COMP PP I/O DUAL 1.6V 8SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542T-E/SNVAO</a><br>Description: IC COMP 1.6V DUAL P-P 8SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6541UT-E/OT</a><br>Description: IC COMP PSH-PLL 1.6V SGL SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6542-I/SN</a><br>Description: IC COMP PP I/O DUAL 1.6V 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6541UT-I/LT</a><br>Description: IC COMP 1.6V SNGL P-P SC70-5        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for MCP6542T-E/MS          |                                    |                                        |                     |
|---------------------------------------------|------------------------------------|----------------------------------------|---------------------|
| Micrel / Microchip Technology MCP6542T-E/MS | MCP6542T-E/MS distributor          | MCP6542T-E/MS supplier                 | MCP6542T-E/MS price |
| MCP6542T-E/MS download datasheet            | MCP6542T-E/MS datasheet            | MCP6542T-E/MS stock                    | buy MCP6542T-E/MS   |
| Micrel / Microchip Technology MCP6542T-E/MS | Microchip Technology MCP6542T-E/MS | Roving Networks / Microchip Technology |                     |
|                                             |                                    | MCP6542T-E/MS                          |                     |