

MCP6564T-E/ST





Part Number:

MCP6564T-E/ST

Manufacturer:

Microchip Technology

Description:

IC COMP QUAD 1.8V PP 14-TSSOP

Data sheet:

 [Analog and Interface Product Guide](#)

 [MCP656\(1,2,4\)](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

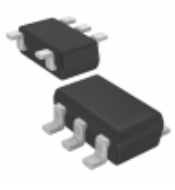
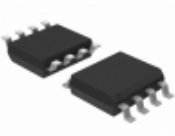
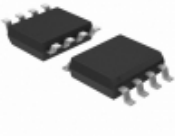
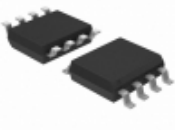
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP6564T-E/ST                             | Manufacturer                    | <a href="#">Microchip Technology</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC COMP QUAD 1.8V PP 14-TSSOP             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 91677 pcs                                 | Data sheet                      | <a href="#">Analog and Interface Product Guide</a><br><a href="#">MCP656(1,2,4)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - On State              | 4                                                                                   |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14-TSSOP                                  | Type                            | General Purpose                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | RoHS Status                     | Tape & Reel (TR)                                                                    |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 66dB CMRR, 70dB PSRR                      | Polarization                    | 14-TSSOP (0.173", 4.40mm Width)                                                     |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CMOS, Push-Pull, Rail-to-Rail, TTL        | Other Names                     | MCP6564T-E/STTR                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C                             | Mounting Type                   | Surface Mount                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                                             |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP6564T-E/ST                             | Logic Type                      | 5mV                                                                                 |
| Hysteresis                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80ns                                      | Expanded Description            | Comparator General Purpose CMOS, Push-Pull, Rail-to-Rail, TTL 14-TSSOP              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC COMP QUAD 1.8V PP 14-TSSOP             | Current - Supply (Main IC)      | 1.8 V ~ 5.5 V                                                                       |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50mA                                      | Current - Output (Typ)          | 1pA @ 5.5V                                                                          |
| Current - Input Bias (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10mV @ 5.5V                               | CMRR, PSRR (Typ)                | 130µA                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 91677 pieces of Micrel / Microchip Technology MCP6564T-E/ST 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP6566T-E/LT</a><br>Description: IC COMPARATOR O-D 1.8V SC70-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6562T-E/MS</a><br>Description: IC COMP DUAL 1.8V PP 8-MSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6564-E/SL</a><br>Description: IC COMP QUAD 1.8V PP 14-SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6566RT-E/OT</a><br>Description: IC COMPARATOR O-D 1.8V SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6566T-E/OTVAO</a><br>Description: IC COMPARATOR O-D 1.8V SOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6562T-E/MSVAO</a><br>Description: IC COMP DUAL 1.8V PP 8-MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6564T-E/SLVAO</a><br>Description: IC COMP QUAD 1.8V PP 14-SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6563T-E/CH</a><br>Description: IC COMP PUSH-PULL 1.8V SOT23-6     | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6567T-E/MS</a><br>Description: IC COMP DUAL 1.8V OD 8-MSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6567T-E/SN</a><br>Description: IC COMP DUAL 1.8V OD 8-SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6566T-E/OT</a><br>Description: IC COMPARATOR O-D 1.8V SOT23-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6566UT-E/OTVAO</a><br>Description: IC COMPARATOR O-D 1.8V SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6562T-E/SNVAO</a><br>Description: IC COMP DUAL 1.8V PP 8-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6566UT-E/OT</a><br>Description: IC COMPARATOR O-D 1.8V SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6564-E/ST</a><br>Description: IC COMP QUAD 1.8V PP 14-TSSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6567-E/SN</a><br>Description: IC COMP DUAL 1.8V OD 8-SOIC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for MCP6564T-E/ST          |                                    |                                        |                     |
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