

MCP6564-E/ST





Part Number: MCP6564-E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC COMP QUAD 1.8V PP 14-TSSOP

Data sheet:  [Analog and Interface Product Guide](#)  
 [MCP6561,2,4](#)

RoHs Status: Lead free / RoHS Compliant

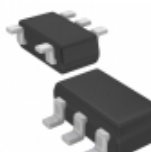
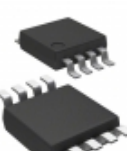
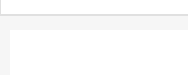
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                        |                                   |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP6564-E/ST                                                           | Manufacturer                      | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC COMP QUAD 1.8V PP 14-TSSOP                                          | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 78293 pcs                                                              | Data sheet                        | <a href="#">Analog and Interface Product Guide</a><br><a href="#">MCP6561,2,4</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage - Supply, Single/Dual (±) | 1.8 V ~ 5.5 V                                                                     |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                                          | 10mV @ 5.5V                                                            | Type                              | General Purpose                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 14-TSSOP                                                               | Series                            | -                                                                                 |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                               | 80ns                                                                   | Packaging                         | Tube                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | 14-TSSOP (0.173", 4.40mm Width)                                        | Output Type                       | CMOS, Push-Pull, Rail-to-Rail, TTL                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP6564EST                                                             | Operating Temperature             | -40°C ~ 125°C                                                                     |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                    | 4                                                                      | Mounting Type                     | Surface Mount                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                                                          | Manufacturer Standard Lead Time   | 9 Weeks                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                             | Hysteresis                        | 5mV                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Comparator General Purpose CMOS, Push-Pull, Rail-to-Rail, TTL 14-TSSOP | Current - Quiescent (Max)         | 130µA                                                                             |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                | 50mA                                                                   | Current - Input Bias (Max)        | 1pA @ 5.5V                                                                        |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                      | 66dB CMRR, 70dB PSRR                                                   | Base Part Number                  | MCP6564                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 78293 pieces of Micrel / Microchip Technology MCP6564-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: info@Components-World.com |                                                                        |                                   |                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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="#">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="#">MCP6561T-E/OTVAO</a><br>Description: IC COMP PUSH-PULL 1.8V SOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6561UT-E/OT</a><br>Description: IC COMP PUSH-PULL 1.8V SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6562-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="#">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="#">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="#">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/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="#">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="#">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="#">MCP6564T-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="#">MCP6562T-E/SN</a><br>Description: IC COMP DUAL 1.8V PP 8-SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | 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/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="#">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="#">MCP6562-E/SN</a><br>Description: IC COMP DUAL 1.8V PP 8-SOIC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP6567-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="#">MCP6564T-E/ST</a><br>Description: IC COMP QUAD 1.8V PP 14-TSSOP      | Manufacturers: <a href="#">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> |

Related keywords for MCP6564-E/ST

|                                            |                                   |                                                     |                    |
|--------------------------------------------|-----------------------------------|-----------------------------------------------------|--------------------|
| Micrel / Microchip Technology MCP6564-E/ST | MCP6564-E/ST distributor          | MCP6564-E/ST supplier                               | MCP6564-E/ST price |
| MCP6564-E/ST download datasheet            | MCP6564-E/ST datasheet            | MCP6564-E/ST stock                                  | buy MCP6564-E/ST   |
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