

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP6564-E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6564-E/ST                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC COMP QUAD 1.8V PP 14-TSSOP                                                                                |
| Datasheets:         |  1.MCP6564-E/ST.pdf         |
|                     |  2.MCP6564-E/ST.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 70652 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

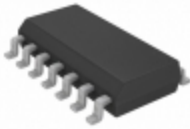
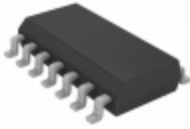
Specifications of MCP6564-E/ST

|                                   |                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6564-E/ST                                                                                           |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                          |
| DESCRIPTION                       | IC COMP QUAD 1.8V PP 14-TSSOP                                                                          |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                | 70652 pcs                                                                                              |
| DATA SHEET                        |  1.MCP6564-E/ST.pdf |
|                                   |  2.MCP6564-E/ST.pdf |
| 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)                                                                                          |
| 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                                                                                                |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP6564-E/ST | MCP6564-E/ST Distributor               | MCP6564-E/ST Supplier                               |
| MCP6564-E/ST Price                         | MCP6564-E/ST Pictures                  | MCP6564-E/ST Image                                  |
| MCP6564-E/ST PDF Datasheet                 | MCP6564-E/ST Download Datasheet        | MCP6564-E/ST Datasheet                              |
| MCP6564-E/ST Stock                         | Buy MCP6564-E/ST                       | Buy Micrel / Microchip Technology MCP6564-E/ST      |
| Micrel / Microchip Technology MCP6564-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP6564-E/ST | Microchip Technology MCP6564-E/ST      | Roving Networks / Microchip Technology MCP6564-E/ST |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP6566RT-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 225350 pcs<br/>RFQ</div> |  <div><b>MCP6564T-E/SLVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V PP 14-SOIC<br/>In stock: 4785 pcs<br/>RFQ</div>  |
|  <div><b>MCP6562T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V PP 8-MSOP<br/>In stock: 130714 pcs<br/>RFQ</div>     |  <div><b>MCP6564T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V PP 14-SOIC<br/>In stock: 84815 pcs<br/>RFQ</div>    |
|  <div><b>MCP6564T-E/ST</b><br/>Manufacturers: Microchip Technology<br/>Description: IC COMP QUAD 1.8V PP 14-TSSOP<br/>In stock: 77673 pcs<br/>RFQ</div>             |  <div><b>MCP6562T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V PP 8-SOIC<br/>In stock: 159561 pcs<br/>RFQ</div>    |
|  <div><b>MCP6563T-E/CH</b><br/>Manufacturers: Microchip Technology<br/>Description: IC COMP PUSH-PULL 1.8V SOT23-6<br/>In stock: 3988 pcs<br/>RFQ</div>             |  <div><b>MCP6566T-E/LT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SC70-5<br/>In stock: 208534 pcs<br/>RFQ</div>  |
|  <div><b>MCP6562T-E/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V PP 8-MSOP<br/>In stock: 4224 pcs<br/>RFQ</div>    |  <div><b>MCP6564-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V PP 14-SOIC<br/>In stock: 67605 pcs<br/>RFQ</div>     |
|  <div><b>MCP6562T-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V PP 8-SOIC<br/>In stock: 3476 pcs<br/>RFQ</div>    |  <div><b>MCP6566T-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 216336 pcs<br/>RFQ</div> |