

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP6548-E/MS

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6548-E/MS                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC COMP 1.6V SGL O-D W/CS 8MSOP                                                                                |
| Datasheets:         | <a href="#">1.MCP6548-E/MS.pdf</a><br><a href="#">2.MCP6548-E/MS.pdf</a><br><a href="#">3.MCP6548-E/MS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 267953 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of MCP6548-E/MS

|                                   |                                                                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6548-E/MS                                                                                                   |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                                  |
| DESCRIPTION                       | IC COMP 1.6V SGL O-D W/CS 8MSOP                                                                                |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE                | 267953 pcs                                                                                                     |
| DATA SHEET                        | <a href="#">1.MCP6548-E/MS.pdf</a><br><a href="#">2.MCP6548-E/MS.pdf</a><br><a href="#">3.MCP6548-E/MS.pdf</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                         | Tube                                                                                                           |
| PACKAGE / CASE                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                         |
| OUTPUT TYPE                       | CMOS, Open-Drain, Rail-to-Rail, TTL                                                                            |
| OPERATING TEMPERATURE             | -40°C ~ 125°C                                                                                                  |
| NUMBER OF ELEMENTS                | 1                                                                                                              |
| MOUNTING TYPE                     | Surface Mount                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                     |
| HYSTERESIS                        | 6.5mV                                                                                                          |
| DETAILED DESCRIPTION              | Comparator General Purpose CMOS, Open-Drain, Rail-to-Rail, TTL 8-MSOP                                          |
| CURRENT - QUIESCENT (MAX)         | 1µA                                                                                                            |
| CURRENT - OUTPUT (TYP)            | 30mA                                                                                                           |
| CURRENT - INPUT BIAS (MAX)        | 1pA @ 5.5V                                                                                                     |
| CMRR, PSRR (TYP)                  | 70dB CMRR, 80dB PSRR                                                                                           |
| BASE PART NUMBER                  | MCP6548                                                                                                        |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP6548-E/MS | MCP6548-E/MS Distributor               | MCP6548-E/MS Supplier                               |
| MCP6548-E/MS Price                         | MCP6548-E/MS Pictures                  | MCP6548-E/MS Image                                  |
| MCP6548-E/MS PDF Datasheet                 | MCP6548-E/MS Download Datasheet        | MCP6548-E/MS Datasheet                              |
| MCP6548-E/MS Stock                         | Buy MCP6548-E/MS                       | Buy Micrel / Microchip Technology MCP6548-E/MS      |
| Micrel / Microchip Technology MCP6548-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP6548-E/MS | Microchip Technology MCP6548-E/MS      | Roving Networks / Microchip Technology MCP6548-E/MS |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                         |
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|  <div><b>MCP6547T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V DUAL 8-SOIC<br/>In stock: 205955 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>MCP6548-E/P</b><br/>Manufacturers: Microchip Technology<br/>Description: IC COMP 1.6V SNGL O-D W/CS 8DIP<br/>In stock: 201737 pcs<br/><a href="#">RFQ</a></div>             |
|  <div><b>MCP6547T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP 1.6V DUAL O-D 8MSOP<br/>In stock: 228945 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>MCP6548T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP 1.6V SNGL O-D W/CS 8MSOP<br/>In stock: 237147 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MCP6548-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V SNGL 8-MSOP<br/>In stock: 199853 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>MCP6547T-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V DUAL 8-MSOP<br/>In stock: 225364 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MCP6548-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP 1.6V SGL O-D W/CS 8SOIC<br/>In stock: 274585 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MCP6547T-E/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP 1.6V DUAL O-D 8MSOP<br/>In stock: 6128 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MCP6548-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V SNGL 8-SOIC<br/>In stock: 259291 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>MCP6548-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V SNGL 8-DIP<br/>In stock: 267090 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MCP6547T-I/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP OPENDRN 1.6V DUAL 8-SOIC<br/>In stock: 4893 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MCP6547T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP 1.6V DUAL O-D 8SOIC<br/>In stock: 201428 pcs<br/><a href="#">RFQ</a></div>      |