



Micrel / Microchip Technology

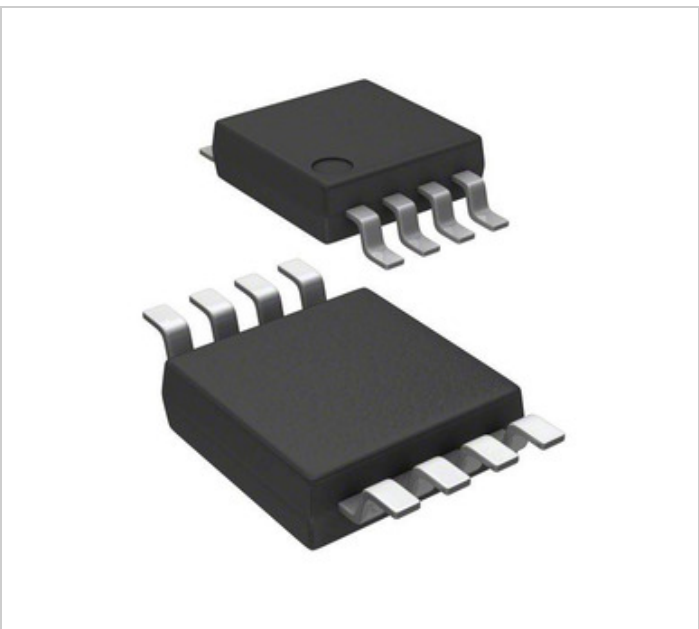


Image may be representation. See specifications for product details.

## MCP6291-E/MS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6291-E/MS                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC OPAMP GP 10MHZ RRO 8MSOP                                                                                  |
|                     |  1.MCP6291-E/MS.pdf         |
|                     |  2.MCP6291-E/MS.pdf         |
|                     |  3.MCP6291-E/MS.pdf         |
|                     |  4.MCP6291-E/MS.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 182541 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

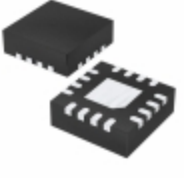
### Specifications of MCP6291-E/MS

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6291-E/MS                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                       | IC OPAMP GP 10MHZ RRO 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE                | 182541 pcs                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                        |  1.MCP6291-E/MS.pdf<br> 2.MCP6291-E/MS.pdf<br> 3.MCP6291-E/MS.pdf<br> 4.MCP6291-E/MS.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2.4 V ~ 6 V                                                                                                                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - INPUT OFFSET            | 3mV                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE           | 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SLEW RATE                         | 7 V/μs                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                            | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                         | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                                                                                                                               |
| OUTPUT TYPE                       | Rail-to-Rail                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OTHER NAMES                       | MCP6291-E/MSR<br>MCP6291-E/MSR-ND                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE             | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF CIRCUITS                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MOUNTING TYPE                     | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| GAIN BANDWIDTH PRODUCT            | 10MHz                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION              | General Purpose Amplifier 1 Circuit Rail-to-Rail 8-MSOP                                                                                                                                                                                                                                                                                                                                                                              |
| CURRENT - SUPPLY                  | 1mA                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CURRENT - OUTPUT / CHANNEL        | 25mA                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CURRENT - INPUT BIAS              | 1pA                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                  | MCP6291                                                                                                                                                                                                                                                                                                                                                                                                                              |
| AMPLIFIER TYPE                    | General Purpose                                                                                                                                                                                                                                                                                                                                                                                                                      |

### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP6291-E/MS | MCP6291-E/MS Distributor               | MCP6291-E/MS Supplier                               |
| MCP6291-E/MS Price                         | MCP6291-E/MS Pictures                  | MCP6291-E/MS Image                                  |
| MCP6291-E/MS PDF Datasheet                 | MCP6291-E/MS Download Datasheet        | MCP6291-E/MS Datasheet                              |
| MCP6291-E/MS Stock                         | Buy MCP6291-E/MS                       | Buy Micrel / Microchip Technology MCP6291-E/MS      |
| Micrel / Microchip Technology MCP6291-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP6291-E/MS | Microchip Technology MCP6291-E/MS      | Roving Networks / Microchip Technology MCP6291-E/MS |

### Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                    |
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|  <div><b>MCP6286T-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 3.5MHZ RRO SOT23-5<br/>In stock: 200358 pcs<br/>RFQ</div> |  <div><b>MCP6285-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 5MHZ RRO 8SOIC<br/>In stock: 160981 pcs<br/>RFQ</div>   |
|  <div><b>MCP6291T-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO SOT23-5<br/>In stock: 190518 pcs<br/>RFQ</div>  |  <div><b>MCP6285T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 5MHZ RRO 8SOIC<br/>In stock: 166231 pcs<br/>RFQ</div>  |
|  <div><b>MCP6291RT-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO SOT23-5<br/>In stock: 242588 pcs<br/>RFQ</div> |  <div><b>MCP629-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 16QFN<br/>In stock: 48391 pcs<br/>RFQ</div>    |
|  <div><b>MCP6291-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO 8DIP<br/>In stock: 152060 pcs<br/>RFQ</div>       |  <div><b>MCP6291T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO 8MSOP<br/>In stock: 121089 pcs<br/>RFQ</div> |
|  <div><b>MCP6291T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO 8SOIC<br/>In stock: 173157 pcs<br/>RFQ</div>    |  <div><b>MCP6285-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 5MHZ RRO 8DIP<br/>In stock: 138926 pcs<br/>RFQ</div>     |
|  <div><b>MCP6285T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 5MHZ RRO 8MSOP<br/>In stock: 163875 pcs<br/>RFQ</div>     |  <div><b>MCP6291-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 10MHZ RRO 8SOIC<br/>In stock: 141872 pcs<br/>RFQ</div>  |