

MICROCHIP

Micrel / Microchip Technology

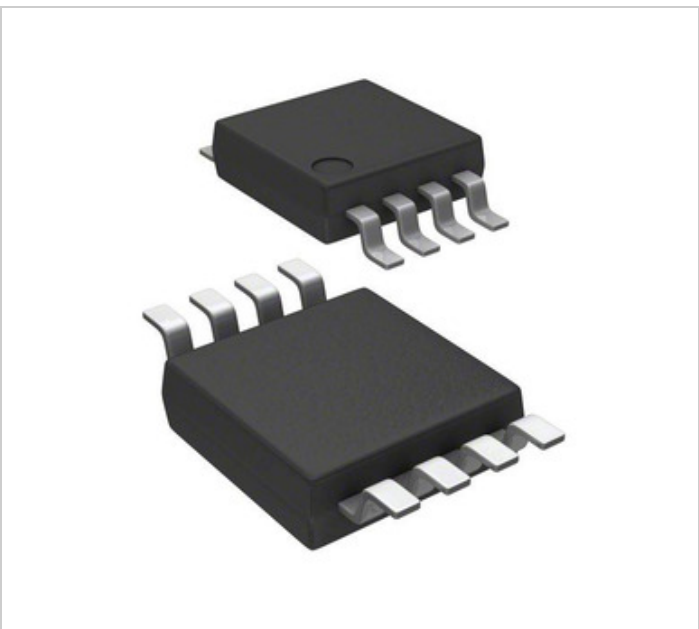


Image may be representation. See specifications for product details.

## MCP6231-E/MS

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6231-E/MS                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC OPAMP GP 300KHZ RRO 8MSOP                                                                                   |
| Datasheets:         | <a href="#">1.MCP6231-E/MS.pdf</a><br><a href="#">2.MCP6231-E/MS.pdf</a><br><a href="#">3.MCP6231-E/MS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 367650 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

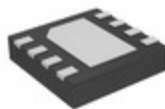
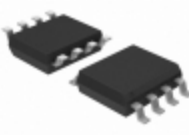
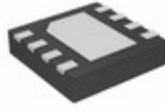
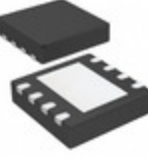
### Specifications of MCP6231-E/MS

|                                   |                                                                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6231-E/MS                                                                                                   |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                                  |
| DESCRIPTION                       | IC OPAMP GP 300KHZ RRO 8MSOP                                                                                   |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE                | 367650 pcs                                                                                                     |
| DATA SHEET                        | <a href="#">1.MCP6231-E/MS.pdf</a><br><a href="#">2.MCP6231-E/MS.pdf</a><br><a href="#">3.MCP6231-E/MS.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 1.8 V ~ 6 V                                                                                                    |
| VOLTAGE - INPUT OFFSET            | 5mV                                                                                                            |
| SUPPLIER DEVICE PACKAGE           | 8-MSOP                                                                                                         |
| SLEW RATE                         | 0.15 V/μs                                                                                                      |
| SERIES                            | -                                                                                                              |
| PACKAGING                         | Tube                                                                                                           |
| PACKAGE / CASE                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                         |
| OUTPUT TYPE                       | Rail-to-Rail                                                                                                   |
| 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            | 300kHz                                                                                                         |
| DETAILED DESCRIPTION              | General Purpose Amplifier 1 Circuit Rail-to-Rail 8-MSOP                                                        |
| CURRENT - SUPPLY                  | 20μA                                                                                                           |
| CURRENT - OUTPUT / CHANNEL        | 23mA                                                                                                           |
| CURRENT - INPUT BIAS              | 1pA                                                                                                            |
| BASE PART NUMBER                  | MCP6231                                                                                                        |
| AMPLIFIER TYPE                    | General Purpose                                                                                                |

### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP6231-E/MS | MCP6231-E/MS Distributor               | MCP6231-E/MS Supplier                               |
| MCP6231-E/MS Price                         | MCP6231-E/MS Pictures                  | MCP6231-E/MS Image                                  |
| MCP6231-E/MS PDF Datasheet                 | MCP6231-E/MS Download Datasheet        | MCP6231-E/MS Datasheet                              |
| MCP6231-E/MS Stock                         | Buy MCP6231-E/MS                       | Buy Micrel / Microchip Technology MCP6231-E/MS      |
| Micrel / Microchip Technology MCP6231-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP6231-E/MS | Microchip Technology MCP6231-E/MS      | Roving Networks / Microchip Technology MCP6231-E/MS |

### Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                     |
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|  <div><b>MCP622T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 8DFN<br/>In stock: 74406 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>MCP622-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 8SOIC<br/>In stock: 58122 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MCP621T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 8SOIC<br/>In stock: 96243 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>MCP6231T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO 8MSOP<br/>In stock: 434567 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MCP6231-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO 8SOIC<br/>In stock: 317764 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>MCP622T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 8SOIC<br/>In stock: 79318 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MCP622-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 20MHZ RRO 8DFN<br/>In stock: 60061 pcs<br/><a href="#">RFQ</a></div>         |  <div><b>MCP6231-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO 8DIP<br/>In stock: 293645 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MCP6231T-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO SOT23-5<br/>In stock: 456239 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>MCP6231T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO 8DFN<br/>In stock: 384393 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>MCP6231RT-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO SOT23-5<br/>In stock: 281977 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MCP6231-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 300KHZ RRO 8DFN<br/>In stock: 374579 pcs<br/><a href="#">RFQ</a></div>   |