



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP6142T-E/MS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6142T-E/MS                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC OPAMP GP 100KHZ RRO 8MSOP                                                                                 |
| Datasheets:         |  1.MCP6142T-E/MS.pdf        |
|                     |  2.MCP6142T-E/MS.pdf        |
|                     |  3.MCP6142T-E/MS.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 133604 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCP6142T-E/MS

|                                   |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6142T-E/MS                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                       | IC OPAMP GP 100KHZ RRO 8MSOP                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE                | 133604 pcs                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                        |  1.MCP6142T-E/MS.pdf<br> 2.MCP6142T-E/MS.pdf<br> 3.MCP6142T-E/MS.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 1.4 V ~ 6 V                                                                                                                                                                                                                                                                                                                   |
| VOLTAGE - INPUT OFFSET            | 3mV                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE           | 8-MSOP                                                                                                                                                                                                                                                                                                                        |
| SLEW RATE                         | 0.003 V/μs                                                                                                                                                                                                                                                                                                                    |
| SERIES                            | -                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                         | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                        |
| OUTPUT TYPE                       | Rail-to-Rail                                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                       | MCP6142T-E/MS-ND<br>MCP6142T-E/MSTR                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE             | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF CIRCUITS                | 2                                                                                                                                                                                                                                                                                                                             |
| MOUNTING TYPE                     | Surface Mount                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| GAIN BANDWIDTH PRODUCT            | 100kHz                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION              | General Purpose Amplifier 2 Circuit Rail-to-Rail 8-MSOP                                                                                                                                                                                                                                                                       |
| CURRENT - SUPPLY                  | 600nA                                                                                                                                                                                                                                                                                                                         |
| CURRENT - INPUT BIAS              | 1pA                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                  | MCP6142                                                                                                                                                                                                                                                                                                                       |
| AMPLIFIER TYPE                    | General Purpose                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP6142T-E/MS | MCP6142T-E/MS Distributor              | MCP6142T-E/MS Supplier                               |
| MCP6142T-E/MS Price                         | MCP6142T-E/MS Pictures                 | MCP6142T-E/MS Image                                  |
| MCP6142T-E/MS PDF Datasheet                 | MCP6142T-E/MS Download Datasheet       | MCP6142T-E/MS Datasheet                              |
| MCP6142T-E/MS Stock                         | Buy MCP6142T-E/MS                      | Buy Micrel / Microchip Technology MCP6142T-E/MS      |
| Micrel / Microchip Technology MCP6142T-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP6142T-E/MS | Microchip Technology MCP6142T-E/MS     | Roving Networks / Microchip Technology MCP6142T-E/MS |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div><b>MCP6142-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8MSOP<br/>In stock: 117583 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP6143-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8DIP<br/>In stock: 182112 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MCP6142T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8SOIC<br/>In stock: 140890 pcs<br/><div>RFQ</div></div> |  <div><b>MCP6143-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8SOIC<br/>In stock: 214656 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP6142-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8SOIC<br/>In stock: 123402 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP6143-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8MSOP<br/>In stock: 210251 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP6142-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8DIP<br/>In stock: 160668 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP6142T-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8MSOP<br/>In stock: 176736 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP6142-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8DIP<br/>In stock: 116710 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP6142-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8SOIC<br/>In stock: 120504 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP6142-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8MSOP<br/>In stock: 133290 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP6142T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC OPAMP GP 100KHZ RRO 8SOIC<br/>In stock: 141976 pcs<br/><div>RFQ</div></div> |