

MCP6442T-E/MS



Part Number: MCP6442T-E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC OPAMP GP 9KHZ RRO 8MSOP

Data sheet:  MCP6441,2,4

RoHs Status: Lead free / RoHS Compliant

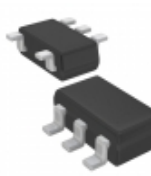
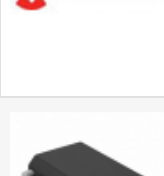
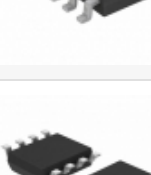
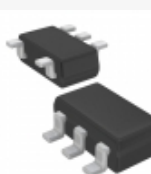
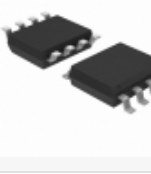
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |                                   |                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP6442T-E/MS              | Manufacturer                      | Micrel / Microchip Technology                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC OPAMP GP 9KHZ RRO 8MSOP | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 87029 pcs                  | Data sheet                        | MCP6441,2,4                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | Integrated Circuits (ICs)  | Voltage - Supply, Single/Dual (±) | 1.4 V ~ 6 V                                             |
| Voltage - Input Offset                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.5mV                      | Supplier Device Package           | 8-MSOP                                                  |
| Slew Rate                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.003 V/µs                 | Series                            | -                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Cut Tape (CT)              | Package / Case                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                  |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                            | Rail-to-Rail               | Other Names                       | MCP6442T-E/MSCT                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C              | Number of Circuits                | 2                                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount              | Moisture Sensitivity Level (MSL)  | 1 (Unlimited)                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                        | 10 Weeks                   | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                              |
| Gain Bandwidth Product                                                                                                                                                                                                                                                                                                                                                                                                                 | 9kHz                       | Detailed Description              | General Purpose Amplifier 2 Circuit Rail-to-Rail 8-MSOP |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                       | 450nA                      | Current - Input Bias              | 1pA                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | MCP6442                    | Amplifier Type                    | General Purpose                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 87029 pieces of Micrel / Microchip Technology MCP6442T-E/MS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                            |                                   |                                                         |

| RELATED PRODUCTS                                                                   |                                                                   |                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP6471T-E/LTY<br>Description: IC OPAMP GP 2MHZ RRO SC70-5 | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6424-E/ST<br>Description: IC OP AMP QUAD 90KHZ 14TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6471T-E/OT<br>Description: IC OPAMP GP 2MHZ RRO SOT23-5 | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6424T-E/ST<br>Description: IC OP AMP QUAD 90KHZ 14TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6444T-E/ST<br>Description: IC OPAMP GP 9KHZ RRO 14TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6441T-E/OT<br>Description: IC OPAMP GP 9KHZ RRO SOT23-5 | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6472T-E/MNY<br>Description: IC OPAMP GP 2MHZ RRO 8TDFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6424T-E/SL<br>Description: IC OP AMP QUAD 90KHZ 14SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6442T-E/SN<br>Description: IC OPAMP GP 9KHZ RRO 8SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6472-E/SN<br>Description: IC OPAMP GP 2MHZ RRO 8SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6442-E/SN<br>Description: IC OPAMP GP 9KHZ RRO 8SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6442-E/MS<br>Description: IC OPAMP GP 9KHZ RRO 8MSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6444-E/ST<br>Description: IC OPAMP GP 9KHZ RRO 14TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6441T-E/LT<br>Description: IC OPAMP GP 9KHZ RRO SC70-5  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6424-E/SL<br>Description: IC OP AMP QUAD 90KHZ 14SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6422T-E/SN<br>Description: IC OP AMP DUAL 90KHZ 8SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6444T-E/SL<br>Description: IC OPAMP GP 9KHZ RRO 14SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6442T-E/MNY<br>Description: IC OPAMP GP 9KHZ RRO 8TDFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6472-E/MS<br>Description: IC OPAMP GP 2MHZ RRO 8MSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP6444-E/SL<br>Description: IC OPAMP GP 9KHZ RRO 14SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP6442T-E/MS

|                                             |                                    |                                        |                     |
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