



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP48FEB21-E/UN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP48FEB21-E/UN                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC DAC SPI 12BIT 1CH NV 10MSOP                                                                               |
| Datasheets:         | <a href="#">1.MCP48FEB21-E/UN.pdf</a><br><a href="#">2.MCP48FEB21-E/UN.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCP48FEB21-E/UN

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | MCP48FEB21-E/UN                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                  |
| DESCRIPTION                      | IC DAC SPI 12BIT 1CH NV 10MSOP                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">1.MCP48FEB21-E/UN.pdf</a><br><a href="#">2.MCP48FEB21-E/UN.pdf</a> |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                  |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                        |
| SETTLING TIME                    | 7.8μs (Typ)                                                                    |
| SERIES                           | -                                                                              |
| REFERENCE TYPE                   | External, Internal, Supply                                                     |
| PACKAGING                        | Tube                                                                           |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                       |
| OUTPUT TYPE                      | Voltage - Buffered                                                             |
| OTHER NAMES                      | MCP48FEB21-EUN                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                  |
| NUMBER OF D/A CONVERTERS         | 1                                                                              |
| NUMBER OF BITS                   | 12                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| INL/DNL (LSB)                    | ±1.5, ±0.2                                                                     |
| DIFFERENTIAL OUTPUT              | No                                                                             |
| DETAILED DESCRIPTION             | 12 Bit Digital to Analog Converter 1 10-MSOP                                   |
| DATA INTERFACE                   | SPI                                                                            |
| BASE PART NUMBER                 | MCP48FEB21                                                                     |
| ARCHITECTURE                     | R-2R                                                                           |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP48FEB21-E/UN | MCP48FEB21-E/UN Distributor            | MCP48FEB21-E/UN Supplier                               |
| MCP48FEB21-E/UN Price                         | MCP48FEB21-E/UN Pictures               | MCP48FEB21-E/UN Image                                  |
| MCP48FEB21-E/UN PDF Datasheet                 | MCP48FEB21-E/UN Download Datasheet     | MCP48FEB21-E/UN Datasheet                              |
| MCP48FEB21-E/UN Stock                         | Buy MCP48FEB21-E/UN                    | Buy Micrel / Microchip Technology MCP48FEB21-E/UN      |
| Micrel / Microchip Technology MCP48FEB21-E/UN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP48FEB21-E/UN | Microchip Technology MCP48FEB21-E/UN   | Roving Networks / Microchip Technology MCP48FEB21-E/UN |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP48FEB22-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 12BIT 2CH NV 10MSOP<br/>In stock: 262 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MCP48FEB02T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 8BIT 2CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MCP48FEB21T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 12BIT 1CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MCP48FEB12T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 10BIT 2CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MCP48FVB01T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 8BIT 1CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MCP48FEB11-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 10BIT 1CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MCP48FEB11T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 10BIT 1CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MCP48FVB02-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 8BIT 2CH NV 10MSOP<br/>In stock: 384 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MCP48FEB02-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DUAL CHANNEL, 8-BIT SPI DAC<br/>In stock: 479 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>MCP48FVB01-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 8BIT 1CH NV 10MSOP<br/>In stock: 279 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MCP48FEB22T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 12BIT 2CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MCP48FEB12-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 10BIT 2CH NV 10MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |