



Micrel / Microchip Technology

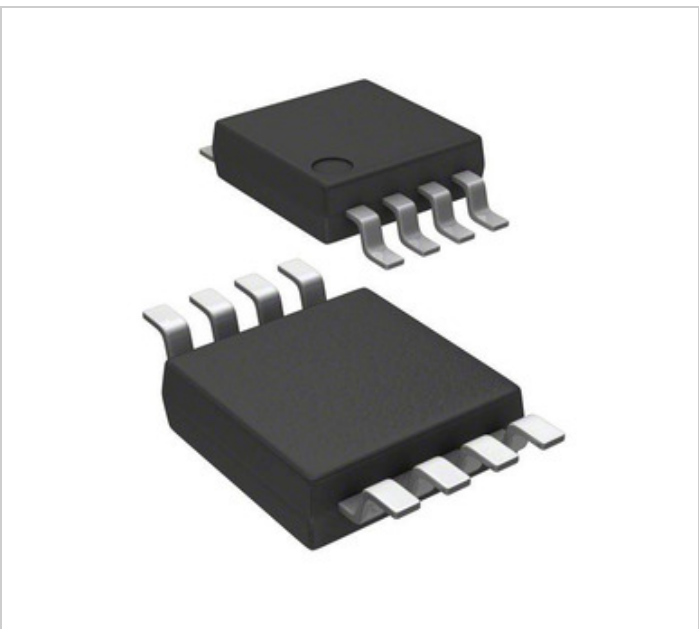


Image may be representation. See specifications for product details.

MCP4901T-E/MS

|                     |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4901T-E/MS                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                             |
| Product description | DAC 8BIT SGL SPI/VREF 8MSOP                                                                                                                                                                                                               |
| Datasheets:         | <div><div>1.MCP4901T-E/MS.pdf</div><div>2.MCP4901T-E/MS.pdf</div></div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                              |
| Stock Condition     | 89538 pcs stock                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

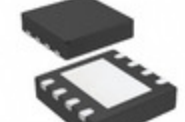
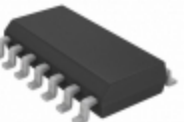
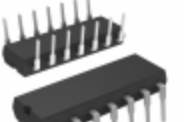
Specifications of MCP4901T-E/MS

|                                  |                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4901T-E/MS                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                 |
| DESCRIPTION                      | DAC 8BIT SGL SPI/VREF 8MSOP                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 89538 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>1.MCP4901T-E/MS.pdf</div><div>2.MCP4901T-E/MS.pdf</div></div> |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                                                                                                                                                                                 |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                                                                                                        |
| SETTLING TIME                    | 4.5µs (Typ)                                                                                                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                                                                                                             |
| REFERENCE TYPE                   | External                                                                                                                                                                                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                        |
| OUTPUT TYPE                      | Voltage - Buffered                                                                                                                                                                                                                            |
| OTHER NAMES                      | MCP4901T-E/MSCT                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                 |
| NUMBER OF D/A CONVERTERS         | 1                                                                                                                                                                                                                                             |
| NUMBER OF BITS                   | 8                                                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| INL/DNL (LSB)                    | ±0.25, ±0.2                                                                                                                                                                                                                                   |
| DIFFERENTIAL OUTPUT              | No                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | 8 Bit Digital to Analog Converter 1 8-MSOP                                                                                                                                                                                                    |
| DATA INTERFACE                   | SPI                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | MCP4901                                                                                                                                                                                                                                       |
| ARCHITECTURE                     | String DAC                                                                                                                                                                                                                                    |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP4901T-E/MS | MCP4901T-E/MS Distributor              | MCP4901T-E/MS Supplier                               |
| MCP4901T-E/MS Price                         | MCP4901T-E/MS Pictures                 | MCP4901T-E/MS Image                                  |
| MCP4901T-E/MS PDF Datasheet                 | MCP4901T-E/MS Download Datasheet       | MCP4901T-E/MS Datasheet                              |
| MCP4901T-E/MS Stock                         | Buy MCP4901T-E/MS                      | Buy Micrel / Microchip Technology MCP4901T-E/MS      |
| Micrel / Microchip Technology MCP4901T-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP4901T-E/MS | Microchip Technology MCP4901T-E/MS     | Roving Networks / Microchip Technology MCP4901T-E/MS |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>MCP4901T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL SPI/VREF 8SOIC<br/>In stock: 137790 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MCP4902T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT DUAL SPI 14TSSOP<br/>In stock: 106931 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP4901-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL W/SPI 8DIP<br/>In stock: 109267 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>MCP4901T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL SPI/VREF 8DFN<br/>In stock: 145596 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP4902-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT DUAL W/SPI 14SOIC<br/>In stock: 74840 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>MCP4902-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT DUAL W/SPI 14TSSOP<br/>In stock: 64935 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP4901-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL 1CH W/SPI 8DFN<br/>In stock: 88028 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>MCP4902T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT DUAL SPI 14SOIC<br/>In stock: 80223 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MCP48FVB22T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC SPI 12BIT 2CH NV 10MSOP<br/>In stock: 56449 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP4902-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL W/SPI 14DIP<br/>In stock: 73740 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MCP4901-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL W/SPI 8SOIC<br/>In stock: 86784 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>MCP4901-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 8BIT SGL W/SPI 8MSOP<br/>In stock: 101572 pcs<br/><div>RFQ</div></div>    |