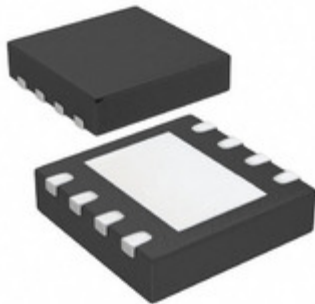


MCP4811T-E/MC





Part Number: MCP4811T-E/MC

Manufacturer: Micrel / Microchip Technology

Description: DAC 10BIT SGL SPI/VREF 8DFN

Data sheet:  Development Tools Catalog

 MCP4801/11/21

RoHs Status: Lead free / RoHS Compliant

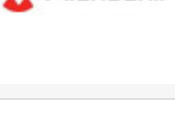
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                 |                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP4811T-E/MC               | Manufacturer                    | Micrel / Microchip Technology                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | DAC 10BIT SGL SPI/VREF 8DFN | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 80373 pcs                   | Data sheet                      | Development Tools Catalog<br>MCP4801/11/21       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | Integrated Circuits (ICs)   | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                               | 2.7 V ~ 5.5 V               | Supplier Device Package         | 8-DFN (2x3)                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.5µs (Typ)                 | Series                          | -                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                    | Packaging                       | Tape & Reel (TR)                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-VDFN Exposed Pad          | Output Type                     | Voltage - Buffered                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C               | Number of D/A Converters        | 1                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                         | 10                          | Mounting Type                   | Surface Mount                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)               | Manufacturer Standard Lead Time | 5 Weeks                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant  | INL/DNL (LSB)                   | ±1, ±0.2                                         |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                    | No                          | Detailed Description            | 10 Bit Digital to Analog Converter 1 8-DFN (2x3) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                         | SPI                         | Base Part Number                | MCP4811                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                           | String DAC                  |                                 |                                                  |
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| RELATED PRODUCTS                                                                   |                                                                     |                                              |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP4802-E/SNVAO<br>Description: DAC 8BIT DUAL SPI/VREF 8SOIC | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4821-E/SN<br>Description: IC DAC 12BIT W/SPI 8SOIC        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4821-E/P<br>Description: IC DAC 12BIT W/SPI 8DIP          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4802-E/P<br>Description: DAC 8BIT DUAL SPI/VREF 8DIP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811T-E/MS<br>Description: DAC 10BIT SGL SPI/VREF 8MSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4812-E/SN<br>Description: DAC 10BIT DUAL SPI/VREF 8SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4821-E/MS<br>Description: IC DAC 12BIT W/SPI 8MSOP        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4812-E/MS<br>Description: DAC 10BIT DUAL SPI/VREF 8MSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811-E/SN<br>Description: DAC 10BIT SGL SPI/VREF 8SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4802T-E/MS<br>Description: DAC 8BIT DUAL SPI/VREF 8MSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811-E/MS<br>Description: DAC 10BIT SGL SPI/VREF 8MSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4821-E/MC<br>Description: IC DAC 12BIT W/SPI 8DFN         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4812-E/P<br>Description: DAC 10BIT DUAL SPI/VREF 8DIP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811-E/P<br>Description: DAC 10BIT SGL SPI/VREF 8DIP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4802-E/MS<br>Description: DAC 8BIT DUAL SPI/VREF 8MSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4801T-E/SN<br>Description: DAC 8BIT SGL SPI/VREF 8SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4812T-E/MS<br>Description: DAC 10BIT DUAL SPI/VREF 8MSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811-E/MC<br>Description: DAC 10BIT SGL SPI/VREF 8DFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4811T-E/SN<br>Description: DAC 10BIT SGL SPI/VREF 8SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4802-E/SN<br>Description: DAC 8BIT DUAL SPI/VREF 8SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP4811T-E/MC

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