

MCP4241T-503E/ML





Part Number: MCP4241T-503E/ML

Manufacturer: Micrel / Microchip Technology

Description: IC DGTL POT 50K 2CH 16QFN

Data sheet:  MCP414x/416x/424x/426x

RoHs Status: Lead free / RoHS Compliant

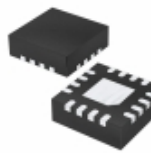
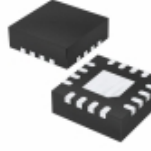
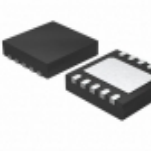
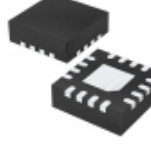
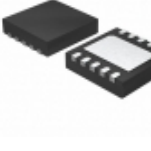
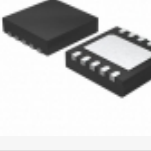
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |                                  |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP4241T-503E/ML           | Manufacturer                     | Micrel / Microchip Technology                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DGTL POT 50K 2CH 16QFN  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 78204 pcs                  | Data sheet                       | MCP414x/416x/424x/426x                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)  | Voltage - Supply                 | 1.8 V ~ 5.5 V                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±20%                       | Temperature Coefficient (Typ)    | 150 ppm/°C                                                                               |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                                     | Linear                     | Supplier Device Package          | 16-QFN-EP (4x4)                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | WiperLock™                 | Resistance - Wiper (Ohms) (Typ)  | 75                                                                                       |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                         | 50k                        | Packaging                        | Tape & Reel (TR)                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-VQFN Exposed Pad        | Other Names                      | MCP4241T-503-E/ML<br>MCP4241T-503-E/MLTR<br>MCP4241T-503-E/MLTR-ND<br>MCP4241T-503E/MLTR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C              | Number of Taps                   | 129                                                                                      |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                          | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                            |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Non-Volatile               | Manufacturer Standard Lead Time  | 14 Weeks                                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant | Interface                        | SPI                                                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                          | Detailed Description             | Digital Potentiometer 50k Ohm 2 Circuit 129 Taps SPI Interface 16-QFN-EP (4x4)           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                             | Potentiometer              | Base Part Number                 | MCP4241                                                                                  |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP4241T-104E/ML<br>Description: IC DGTL POT 100K 2CH 16QFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241T-104E/SL<br>Description: IC DGTL POT 100K 2CH 14SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4242-502E/UN<br>Description: IC DGTL POT DL 5K 2CH 10-MSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4242-503E/UN<br>Description: IC DGTL POT DL 50K 2CH 10-MSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241T-103E/ML<br>Description: IC DGTL POT 10K 2CH 16QFN       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4242-502E/MF<br>Description: IC POT DGTL DUAL 5K RHEO 10DFN   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241-503E/ST<br>Description: IC DGTL POT 50K 2CH 14TSSOP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241T-104E/ST<br>Description: IC DGTL POT 100K 2CH 14TSSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241T-502E/ML<br>Description: IC DGTL POT 5K 2CH 16QFN        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4241T-503E/SL<br>Description: IC DGTL POT 50K 2CH 14SOIC      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4242-104E/UN<br>Description: IC DGTL POT DL 100K 2CH 10-MSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4242-104E/MF<br>Description: IC POT DGTL DUAL 100K RHEO 10DFN | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP4241T-103E/SL<br>Description: IC DGTL POT 10K 2CH 14SOIC      | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP4242-103E/MF<br>Description: IC POT DGTL DUAL 10K RHEO 10DFN  | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP4241T-503E/ML

|                                                |                                       |                                        |                        |
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