



Micrel / Microchip Technology

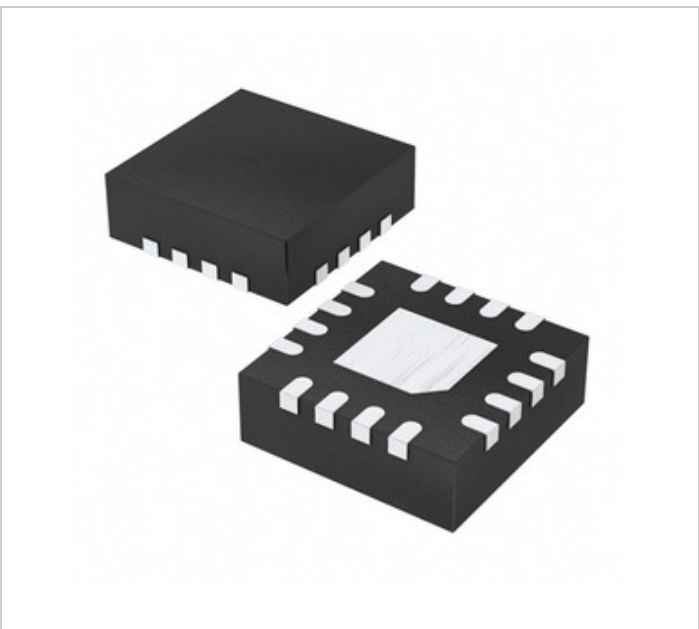


Image may be representation. See specifications for product details.

### MCP4251-503E/ML

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4251-503E/ML                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC POT DGTL DUAL 50K SPI 16QFN                                                                               |
| Datasheets:         |  MCP4251-503E/ML.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 146050 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

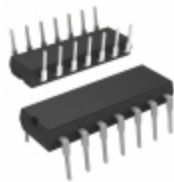
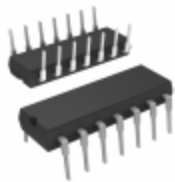
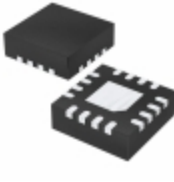
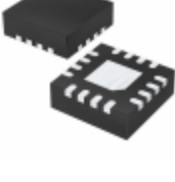
#### Specifications of MCP4251-503E/ML

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4251-503E/ML                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC POT DGTL DUAL 50K SPI 16QFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 146050 pcs                                                                                              |
| DATA SHEET                       |  MCP4251-503E/ML.pdf |
| 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                           | -                                                                                                       |
| RESISTANCE - WIPER (OHMS) (TYP)  | 75                                                                                                      |
| RESISTANCE (OHMS)                | 50k                                                                                                     |
| PACKAGING                        | Tube                                                                                                    |
| PACKAGE / CASE                   | 16-VQFN Exposed Pad                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                           |
| NUMBER OF TAPS                   | 257                                                                                                     |
| NUMBER OF CIRCUITS               | 2                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| MEMORY TYPE                      | Volatile                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| INTERFACE                        | SPI                                                                                                     |
| FEATURES                         | -                                                                                                       |
| DETAILED DESCRIPTION             | Digital Potentiometer 50k Ohm 2 Circuit 257 Taps SPI Interface 16-QFN-EP (4x4)                          |
| CONFIGURATION                    | Potentiometer                                                                                           |
| BASE PART NUMBER                 | MCP4251                                                                                                 |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP4251-503E/ML | MCP4251-503E/ML Distributor            | MCP4251-503E/ML Supplier                               |
| MCP4251-503E/ML Price                         | MCP4251-503E/ML Pictures               | MCP4251-503E/ML Image                                  |
| MCP4251-503E/ML PDF Datasheet                 | MCP4251-503E/ML Download Datasheet     | MCP4251-503E/ML Datasheet                              |
| MCP4251-503E/ML Stock                         | Buy MCP4251-503E/ML                    | Buy Micrel / Microchip Technology MCP4251-503E/ML      |
| Micrel / Microchip Technology MCP4251-503E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP4251-503E/ML | Microchip Technology MCP4251-503E/ML   | Roving Networks / Microchip Technology MCP4251-503E/ML |

#### Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP4251-503E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 2CH 14DIP<br/>In stock: 142895 pcs<br/>RFQ</div>       |  <div><b>MCP4251-502E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 5K 2CH 14DIP<br/>In stock: 144866 pcs<br/>RFQ</div>         |
|  <div><b>MCP4251-502E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 5K 2CH 14SOIC<br/>In stock: 113877 pcs<br/>RFQ</div>      |  <div><b>MCP4251-104E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT DL 100K 2CH 14-TSSOP<br/>In stock: 99762 pcs<br/>RFQ</div> |
|  <div><b>MCP4251-502E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL DUAL 5K SPI 16QFN<br/>In stock: 128060 pcs<br/>RFQ</div>  |  <div><b>MCP4251-503E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 2CH 14SOIC<br/>In stock: 137966 pcs<br/>RFQ</div>      |
|  <div><b>MCP4251T-103E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 2CH 14TSSOP<br/>In stock: 124733 pcs<br/>RFQ</div>   |  <div><b>MCP4251T-103E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 2CH 16QFN<br/>In stock: 134287 pcs<br/>RFQ</div>      |
|  <div><b>MCP4251-104E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 2CH 14SOIC<br/>In stock: 138437 pcs<br/>RFQ</div>    |  <div><b>MCP4251T-103E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 2CH 14SOIC<br/>In stock: 112727 pcs<br/>RFQ</div>     |
|  <div><b>MCP4251-502E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT DL 5K 2CH 14-TSSOP<br/>In stock: 138754 pcs<br/>RFQ</div> |  <div><b>MCP4251-503E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT DL 50K 2CH 14-TSSOP<br/>In stock: 110768 pcs<br/>RFQ</div> |

