

MICROCHIP

Micrel / Microchip Technology

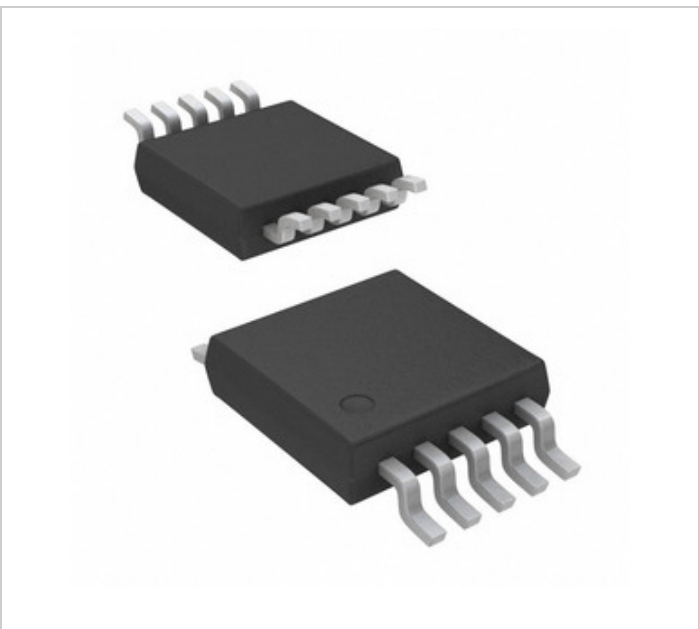


Image may be representation. See specifications for product details.

### MCP4642T-103E/UN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4642T-103E/UN                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC POT DGTL 10K DUAL 10-MSOP                                                                                 |
| Datasheets:         |  MCP4642T-103E/UN.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 125913 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

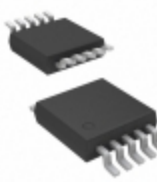
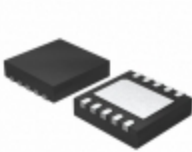
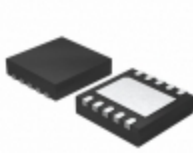
#### Specifications of MCP4642T-103E/UN

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4642T-103E/UN                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC POT DGTL 10K DUAL 10-MSOP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 125913 pcs                                                                                               |
| DATA SHEET                       |  MCP4642T-103E/UN.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                            |
| TOLERANCE                        | ±20%                                                                                                     |
| TEMPERATURE COEFFICIENT (TYP)    | 150 ppm/°C                                                                                               |
| TAPER                            | Linear                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                                  |
| SERIES                           | -                                                                                                        |
| RESISTANCE - WIPER (OHMS) (TYP)  | 75                                                                                                       |
| RESISTANCE (OHMS)                | 10k                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                            |
| NUMBER OF TAPS                   | 129                                                                                                      |
| NUMBER OF CIRCUITS               | 2                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| MEMORY TYPE                      | Non-Volatile                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| INTERFACE                        | I²C                                                                                                      |
| FEATURES                         | Selectable Address                                                                                       |
| DETAILED DESCRIPTION             | Digital Potentiometer 10k Ohm 2 Circuit 129 Taps I²C Interface 10-MSOP                                   |
| CONFIGURATION                    | Rheostat                                                                                                 |
| BASE PART NUMBER                 | MCP4642                                                                                                  |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP4642T-103E/UN | MCP4642T-103E/UN Distributor           | MCP4642T-103E/UN Supplier                               |
| MCP4642T-103E/UN Price                         | MCP4642T-103E/UN Pictures              | MCP4642T-103E/UN Image                                  |
| MCP4642T-103E/UN PDF Datasheet                 | MCP4642T-103E/UN Download Datasheet    | MCP4642T-103E/UN Datasheet                              |
| MCP4642T-103E/UN Stock                         | Buy MCP4642T-103E/UN                   | Buy Micrel / Microchip Technology MCP4642T-103E/UN      |
| Micrel / Microchip Technology MCP4642T-103E/UN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP4642T-103E/UN | Microchip Technology MCP4642T-103E/UN  | Roving Networks / Microchip Technology MCP4642T-103E/UN |

#### Related Products

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|  <div><b>MCP4642-503E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 129TAPS 10-MSOP<br/>In stock: 119195 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP4642T-103E/MF</b><br/>Manufacturers: Microchip Technology<br/>Description: IC DGTL POT 10K 129TAPS 10-DFN<br/>In stock: 114574 pcs<br/><b>RFQ</b></div>         |
|  <div><b>MCP4642T-104E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 129TAPS 10-DFN<br/>In stock: 110626 pcs<br/><b>RFQ</b></div> |  <div><b>MCP4642T-502E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 5K 129TAPS 10-DFN<br/>In stock: 130825 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP4642T-503E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL 50K DUAL 10-MSOP<br/>In stock: 126763 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP4642T-502E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL 5K DUAL 10-MSOP<br/>In stock: 132461 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP4642-104E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 129TAPS 10-MSOP<br/>In stock: 100706 pcs<br/><b>RFQ</b></div> |  <div><b>MCP4642T-503E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 129TAPS 10-DFN<br/>In stock: 99414 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP4642T-104E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL 100K DUAL 10-MSOP<br/>In stock: 98775 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP4641T-503E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL 50K DUAL 14-TSSOP<br/>In stock: 107809 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP4642-502E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 5K 129TAPS 10-MSOP<br/>In stock: 90640 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP4642-103E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 129TAPS 10-MSOP<br/>In stock: 89139 pcs<br/><b>RFQ</b></div> |