

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MCP4142T-503E/SN

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4142T-503E/SN                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC DGTL SNGL 50K SPI 8SOIC                                                                                             |
| Datasheets:         |  <a href="#">MCP4142T-503E/SN.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 166877 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

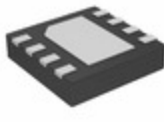
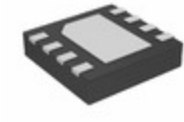
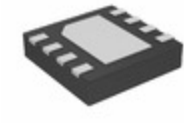
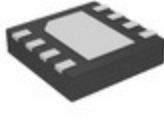
#### Specifications of MCP4142T-503E/SN

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4142T-503E/SN                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC DGTL SNGL 50K SPI 8SOIC                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 166877 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">MCP4142T-503E/SN.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                                            |
| TOLERANCE                        | ±20%                                                                                                                     |
| TEMPERATURE COEFFICIENT (TYP)    | 150 ppm/°C                                                                                                               |
| TAPER                            | Linear                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                   |
| SERIES                           | WiperLock™                                                                                                               |
| RESISTANCE - WIPER (OHMS) (TYP)  | 75                                                                                                                       |
| RESISTANCE (OHMS)                | 50k                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                            |
| NUMBER OF TAPS                   | 129                                                                                                                      |
| NUMBER OF CIRCUITS               | 1                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| MEMORY TYPE                      | Non-Volatile                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| INTERFACE                        | SPI                                                                                                                      |
| FEATURES                         | -                                                                                                                        |
| DETAILED DESCRIPTION             | Digital Potentiometer 50k Ohm 1 Circuit 129 Taps SPI Interface 8-SOIC                                                    |
| CONFIGURATION                    | Rheostat                                                                                                                 |
| BASE PART NUMBER                 | MCP4142                                                                                                                  |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP4142T-503E/SN | MCP4142T-503E/SN Distributor           | MCP4142T-503E/SN Supplier                               |
| MCP4142T-503E/SN Price                         | MCP4142T-503E/SN Pictures              | MCP4142T-503E/SN Image                                  |
| MCP4142T-503E/SN PDF Datasheet                 | MCP4142T-503E/SN Download Datasheet    | MCP4142T-503E/SN Datasheet                              |
| MCP4142T-503E/SN Stock                         | Buy MCP4142T-503E/SN                   | Buy Micrel / Microchip Technology MCP4142T-503E/SN      |
| Micrel / Microchip Technology MCP4142T-503E/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP4142T-503E/SN | Microchip Technology MCP4142T-503E/SN  | Roving Networks / Microchip Technology MCP4142T-503E/SN |

#### Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
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|  <div><b>MCP4151-103E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 10K SPI 8MSOP<br/>In stock: 94067 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP4151-104E/MFVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 100K SPI 8DFN<br/>In stock: 3851 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP4142T-104E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 100K SPI 8SOIC<br/>In stock: 173708 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP4151-103E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 10K SPI 8DFN<br/>In stock: 116509 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP4151-104E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 100K SPI 8DFN<br/>In stock: 125934 pcs<br/><div>RFQ</div></div> |  <div><b>MCP4151-103E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 10K SPI 8DIP<br/>In stock: 97131 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP4142T-503E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 50K SPI 8MSOP<br/>In stock: 166212 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP4151-103E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POT DGTL SNGL 10K SPI 8SOIC<br/>In stock: 89760 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP4142T-502E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ID DGTL SNGL 5K SPI 8DFN<br/>In stock: 153287 pcs<br/><div>RFQ</div></div>      |  <div><b>MCP4142T-502E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 5K SPI 8MSOP<br/>In stock: 165523 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MCP4142T-502E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 5K SPI 8SOIC<br/>In stock: 174464 pcs<br/><div>RFQ</div></div>     |  <div><b>MCP4142T-503E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 50K SPI 8DFN<br/>In stock: 152034 pcs<br/><div>RFQ</div></div>      |