

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP4142-503E/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4142-503E/SN                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC DGTL SNGL 50K SPI 8SOIC                                                                                   |
| Datasheets:         |  MCP4142-503E/SN.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 141789 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

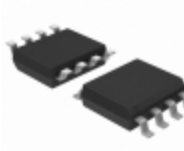
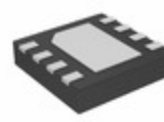
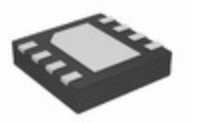
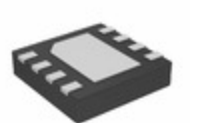
Specifications of MCP4142-503E/SN

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4142-503E/SN                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC DGTL SNGL 50K SPI 8SOIC                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 141789 pcs                                                                                              |
| DATA SHEET                       |  MCP4142-503E/SN.pdf |
| 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                        | Tube                                                                                                    |
| 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 MCP4142-503E/SN | MCP4142-503E/SN Distributor            | MCP4142-503E/SN Supplier                               |
| MCP4142-503E/SN Price                         | MCP4142-503E/SN Pictures               | MCP4142-503E/SN Image                                  |
| MCP4142-503E/SN PDF Datasheet                 | MCP4142-503E/SN Download Datasheet     | MCP4142-503E/SN Datasheet                              |
| MCP4142-503E/SN Stock                         | Buy MCP4142-503E/SN                    | Buy Micrel / Microchip Technology MCP4142-503E/SN      |
| Micrel / Microchip Technology MCP4142-503E/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
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Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP4142T-104E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 100K SPI 8MSOP<br/>In stock: 151407 pcs<br/><b>RFQ</b></div> |  <div><b>MCP4142T-103E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 10K SPI 8MSOP<br/>In stock: 134172 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP4142-503E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 50K SPI 8DIP<br/>In stock: 109022 pcs<br/><b>RFQ</b></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/><b>RFQ</b></div> |
|  <div><b>MCP4142-502E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 5K SPI 8SOIC<br/>In stock: 122727 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP4142-503E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 50K SPI 8MSOP<br/>In stock: 148030 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP4142T-103E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 10K SPI 8DFN<br/>In stock: 153619 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP4142T-104E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 100K SPI 8DFN<br/>In stock: 154117 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP4142T-103E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 10K SPI 8SOIC<br/>In stock: 147691 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP4142-503E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 50K SPI 8DFN<br/>In stock: 130880 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MCP4142-502E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 5K SPI 8DIP<br/>In stock: 135133 pcs<br/><b>RFQ</b></div>      |  <div><b>MCP4142-502E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL SNGL 5K SPI 8MSOP<br/>In stock: 165693 pcs<br/><b>RFQ</b></div>    |