

MCP4142-502E/MS



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Part Number: MCP4142-502E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC DGTL SNGL 5K SPI 8MSOP

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

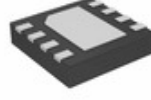
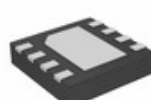
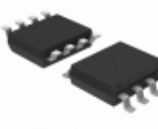
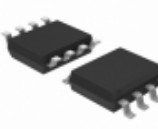
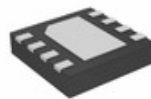
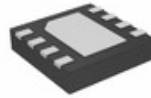
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                      |                                 |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|-------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP4142-502E/MS                                                      | Manufacturer                    | Micrel / Microchip Technology |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DGTL SNGL 5K SPI 8MSOP                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 98962 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         | 8-MSOP                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | WiperLock™                                                           | Resistance - Wiper (Ohms) (Typ) | 75                            |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                        | 5k                                                                   | Packaging                       | Tube                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm 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                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                          | 12 Weeks                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant    |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                | SPI                                                                  | Features                        | -                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | Digital Potentiometer 5k Ohm 1 Circuit 129 Taps SPI Interface 8-MSOP | Configuration                   | Rheostat                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | MCP4142                                                              |                                 |                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 98962 pieces of Micrel / Microchip Technology MCP4142-502E/MS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                      |                                 |                               |

| RELATED PRODUCTS                                                                   |                                                                        |                                              |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP4142T-103E/MF<br>Description: IC DGTL SNGL 10K SPI 8DFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142-502E/P<br>Description: IC DGTL SNGL 5K SPI 8DIP         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142T-104E/MF<br>Description: IC DGTL SNGL 100K SPI 8DFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142-103E/SN<br>Description: IC DGTL SNGL 10K SPI 8SOIC      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142-104E/MF<br>Description: IC DGTL SNGL 100K SPI 8DFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142-103E/MS<br>Description: IC DGTL SNGL 10K SPI 8MSOP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4142T-103E/MS<br>Description: IC DGTL SNGL 10K SPI 8MSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
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| Related keywords for MCP4142-502E/MS          |                                      |                                                        |                       |
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