

MCP4152-503E/MS



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**Part Number:** [MCP4152-503E/MS](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC POT DGTL SNGL 50K RHEO 8MSOP

**Data sheet:**  [MCP413x,415x,423x,425x](#)

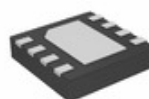
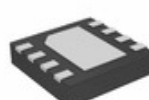
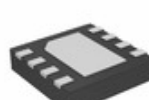
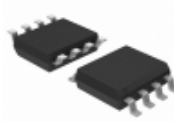
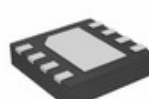
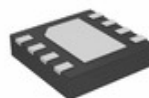
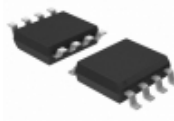
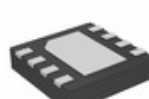
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                 |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MCP4152-503E/MS                                                       | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC POT DGTL SNGL 50K RHEO 8MSOP                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 88033 pcs                                                             | Data sheet                      | <a href="#">MCP413x,415x,423x,425x</a>        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply                | 1.8 V ~ 5.5 V                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±20%                                                                  | Temperature Coefficient (Typ)   | 150 ppm/°C                                    |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Linear                                                                | Supplier Device Package         | 8-MSOP                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                     | Resistance - Wiper (Ohms) (Typ) | 75                                            |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50k                                                                   | Packaging                       | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                | Operating Temperature           | -40°C ~ 125°C                                 |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 257                                                                   | Number of Circuits              | 1                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                         | Memory Type                     | Volatile                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6 Weeks                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SPI                                                                   | Features                        | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Digital Potentiometer 50k Ohm 1 Circuit 257 Taps SPI Interface 8-MSOP | Configuration                   | Rheostat                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MCP4152                                                               |                                 |                                               |
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| RELATED PRODUCTS                                                                                                                                                                                 |                                                              |  |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--|---------------------|
|  <div><p>Part#: <a href="#">MCP4152-503E/P</a></p><p>Description: IC POT DGTL SNGL 50K RHEO 8DIP</p></div>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152T-103E/MS</a></p><p>Description: IC POT DGTL SNGL 10K RHEO 8MSOP</p></div>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152-104E/MS</a></p><p>Description: IC POT DGTL SNGL 100K RHEO 8MSOP</p></div>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152-104E/MF</a></p><p>Description: IC POT DGTL SNGL 100K RHEO 8DFN</p></div>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152T-502E/MF</a></p><p>Description: IC POT DGTL SNGL 5K RHEO 8DFN</p></div>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152T-104E/MF</a></p><p>Description: IC POT DGTL SNGL 100K RHEO 8DFN</p></div>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MCP4152T-104E/SN</a></p><p>Description: IC POT DGTL SNGL 100K RHEO 8SOIC</p></div> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
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| Related keywords for MCP4152-503E/MS          |                                      |                                                        |                       |
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