

MCP4531-103E/MS





Part Number:

MCP4531-103E/MS

Manufacturer:

Micrel / Microchip Technology

Description:

IC DGTL POT 10K 129TAPS 8-MSOP

Data sheet:

 [MCP453x,455x,463x,465x](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

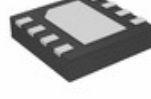
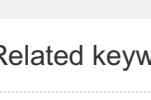
Shipment Way:

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP4531-103E/MS                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DGTL POT 10K 129TAPS 8-MSOP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 110642 pcs                                | Data sheet                       | <a href="#">MCP453x,455x,463x,465x</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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10k                                       | Packaging                        | Tube                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Other Names                      | MCP4531103EMS                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 125°C                             | Number of Taps                   | 129                                                                   |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                         |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Volatile                                  | Manufacturer Standard Lead Time  | 5 Weeks                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Interface                        | I²C                                                                   |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Selectable Address                        | Detailed Description             | Digital Potentiometer 10k Ohm 1 Circuit 129 Taps I²C Interface 8-MSOP |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Potentiometer                             | Base Part Number                 | MCP4531                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
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|  | Part#: <a href="#">MCP4462-103E/ST</a><br>Description: IC DGTL POT 257TAPS 10K 14TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP4531T-503E/MF</a><br>Description: IC DGTL POT 50K 129TAPS 8-DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP4531T-104E/MS</a><br>Description: IC POT DGTL 100K SGL 8-MSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for MCP4531-103E/MS          |                                      |                                                        |                       |
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