

MCP4451T-503E/ST





Part Number: MCP4451T-503E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC DGTL POT 257POS 50K 20TSSOP

Data sheet:  MCP443x/5x

 Digital Pot Design Guide

RoHs Status: Lead free / RoHS Compliant

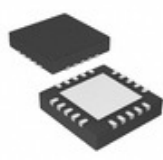
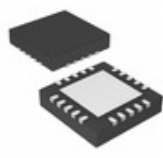
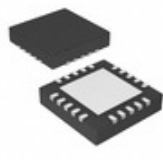
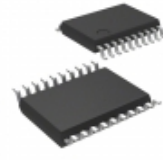
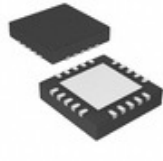
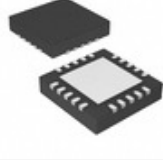
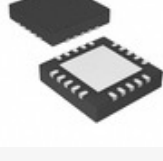
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                 |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP4451T-503E/ST                                                        | Manufacturer                    | Micrel / Microchip Technology          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DGTL POT 257POS 50K 20TSSOP                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 89035 pcs                                                               | Data sheet                      | MCP443x/5x<br>Digital Pot Design Guide |
| 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         | 20-TSSOP                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Resistance - Wiper (Ohms) (Typ) | 75                                     |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                         | 50k                                                                     | Packaging                       | Tape & Reel (TR)                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-TSSOP (0.173", 4.40mm Width)                                         | Operating Temperature           | -40°C ~ 125°C                          |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                            | 257                                                                     | Number of Circuits              | 4                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                           | Memory Type                     | Volatile                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                           | 30 Weeks                                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant             |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                 | I²C                                                                     | Features                        | Mute, Selectable Address               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | Digital Potentiometer 50k Ohm 4 Circuit 257 Taps I²C Interface 20-TSSOP | Configuration                   | Potentiometer                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | MCP4451                                                                 |                                 |                                        |
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| RELATED PRODUCTS                                                                   |                                                                         |                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP4451T-503E/ML<br>Description: IC DGTL POT 257POS 50K 20QFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4461-103E/ML<br>Description: IC DGTL POT 257TAPS 10K 20QFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4452-502E/ST<br>Description: IC RHEO 5K QUAD 8BIT 14TSSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4451T-502E/ML<br>Description: IC DGTL POT 257POS 5K 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4452-104E/ST<br>Description: IC RHEO 100K QUAD 8BIT 14TSSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4451-502E/ST<br>Description: IC POT 5K QUAD 8BIT 20TSSOP      | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP4452-503E/ST<br>Description: IC RHEO 50K QUAD 8BIT 14TSSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4452T-502E/ST<br>Description: IC RHEOSTAT 257POS 5K 14TSSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4451-502E/ML<br>Description: IC POT 5K QUAD 8BIT 20QFN        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4451T-103E/ST<br>Description: IC DGTL POT 257POS 10K 20TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
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| Related keywords for MCP4451T-503E/ST          |                                       |                                        |                        |
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