

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MCP45HV31T-502E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP45HV31T-502E/ST                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC DGTL POT 5K 128TAPS 14TSSOP                                                                               |
| Datasheets:         |  MCP45HV31T-502E/ST.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 93855 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

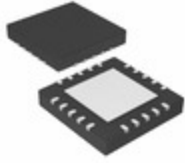
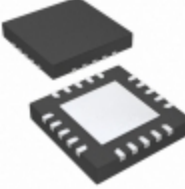
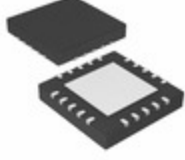
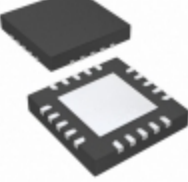
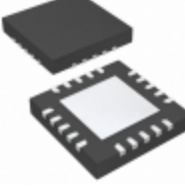
#### Specifications of MCP45HV31T-502E/ST

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP45HV31T-502E/ST                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC DGTL POT 5K 128TAPS 14TSSOP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 93855 pcs                                                                                                  |
| DATA SHEET                       |  MCP45HV31T-502E/ST.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V, 10 V ~ 36 V, ±5V ~ 18 V                                                                     |
| TOLERANCE                        | ±20%                                                                                                       |
| TEMPERATURE COEFFICIENT (TYP)    | 100 ppm/°C                                                                                                 |
| TAPER                            | Linear                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                   |
| SERIES                           | -                                                                                                          |
| RESISTANCE - WIPER (OHMS) (TYP)  | 145                                                                                                        |
| RESISTANCE (OHMS)                | 5k                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                              |
| NUMBER OF TAPS                   | 128                                                                                                        |
| NUMBER OF CIRCUITS               | 1                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                              |
| MEMORY TYPE                      | Volatile                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| INTERFACE                        | I²C                                                                                                        |
| FEATURES                         | Selectable Address                                                                                         |
| DETAILED DESCRIPTION             | Digital Potentiometer 5k Ohm 1 Circuit 128 Taps I²C Interface 14-TSSOP                                     |
| CONFIGURATION                    | Potentiometer                                                                                              |
| BASE PART NUMBER                 | MCP45HV31                                                                                                  |

#### Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology MCP45HV31T-502E/ST | MCP45HV31T-502E/ST Distributor          | MCP45HV31T-502E/ST Supplier                               |
| MCP45HV31T-502E/ST Price                         | MCP45HV31T-502E/ST Pictures             | MCP45HV31T-502E/ST Image                                  |
| MCP45HV31T-502E/ST PDF Datasheet                 | MCP45HV31T-502E/ST Download Datasheet   | MCP45HV31T-502E/ST Datasheet                              |
| MCP45HV31T-502E/ST Stock                         | Buy MCP45HV31T-502E/ST                  | Buy Micrel / Microchip Technology MCP45HV31T-502E/ST      |
| Micrel / Microchip Technology MCP45HV31T-502E/ST | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology MCP45HV31T-502E/ST | Microchip Technology MCP45HV31T-502E/ST | Roving Networks / Microchip Technology MCP45HV31T-502E/ST |

#### Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP45HV51-103E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 256TAPS 20QFN<br/>In stock: 53433 pcs<br/>RFQ</div>    |  <div><b>MCP45HV31T-103E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 128TAPS 14TSSOP<br/>In stock: 93763 pcs<br/>RFQ</div>  |
|  <div><b>MCP45HV31T-104E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 128TAPS 20QFN<br/>In stock: 100045 pcs<br/>RFQ</div> |  <div><b>MCP45HV31T-103E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K<br/>In stock: 94901 pcs<br/>RFQ</div>                  |
|  <div><b>MCP45HV51-103E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 10K 256TAPS 14TSSOP<br/>In stock: 67852 pcs<br/>RFQ</div>  |  <div><b>MCP45HV31T-503E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 128TAPS 14TSSOP<br/>In stock: 92437 pcs<br/>RFQ</div>  |
|  <div><b>MCP45HV51-104E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 256TAPS 20QFN<br/>In stock: 58100 pcs<br/>RFQ</div>   |  <div><b>MCP45HV31T-104E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 128TAPS 14TSSOP<br/>In stock: 86214 pcs<br/>RFQ</div> |
|  <div><b>MCP45HV51-104E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 100K 256TAPS 14TSSOP<br/>In stock: 57251 pcs<br/>RFQ</div> |  <div><b>MCP45HV31T-503E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 128TAPS 20QFN<br/>In stock: 86507 pcs<br/>RFQ</div>    |
|  <div><b>MCP45HV31T-502E/MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 5K 128TAPS 20QFN<br/>In stock: 97704 pcs<br/>RFQ</div>    |  <div><b>MCP45HV31-503E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DGTL POT 50K 128TAPS 14TSSOP<br/>In stock: 75673 pcs<br/>RFQ</div>   |