

MCP45HV31-104E/ST





Part Number: MCP45HV31-104E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC DGTL POT 100K 128TAPS 14TSSOP

Data sheet:  MCP45HVx1

RoHs Status: Lead free / RoHS Compliant

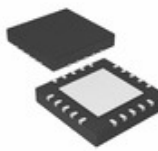
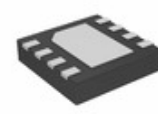
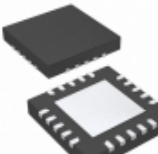
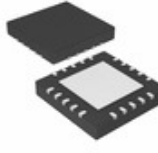
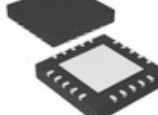
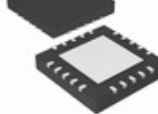
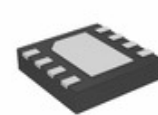
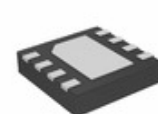
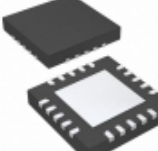
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                          |                                 |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP45HV31-104E/ST                                                        | Manufacturer                    | Micrel / Microchip Technology          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DGTL POT 100K 128TAPS 14TSSOP                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 89209 pcs                                                                | Data sheet                      | MCP45HVx1                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | Integrated Circuits (ICs)                                                | 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)                                                                                                                                                                                                                                                                                                                                                                                                                          | 100k                                                                     | Packaging                       | Tube                                   |
| 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                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                            | 5 Weeks                                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant             |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C                                                                      | Features                        | Selectable Address                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                       | Digital Potentiometer 100k Ohm 1 Circuit 128 Taps I²C Interface 14-TSSOP | Configuration                   | Potentiometer                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP45HV31                                                                |                                 |                                        |
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| RELATED PRODUCTS                                                                   |                                                                            |                                              |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP45HV31-103E/MQ<br>Description: IC DGTL POT 10K 128TAPS 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-502E/MF<br>Description: IC DGTL POT 5K 257TAPS 8-DFN       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31-103E/ST<br>Description: IC DGTL POT 10K 128TAPS 14TSSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-104E/MS<br>Description: IC POT DGTL 100K SGL 8-MSOP        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31T-502E/MQ<br>Description: IC DGTL POT 5K 128TAPS 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31-104E/MQ<br>Description: IC DGTL POT 100K 128TAPS 20QFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31-503E/MQ<br>Description: IC DGTL POT 50K 128TAPS 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-502E/MS<br>Description: IC POT DGTL 5K SGL 8-MSOP          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31T-104E/ST<br>Description: IC DGTL POT 100K 128TAPS 14TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-103E/MS<br>Description: IC POT DGTL 10K SGL 8-MSOP         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-503E/MS<br>Description: IC POT DGTL 50K SGL 8-MSOP         | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP45HV31T-103E/MQ<br>Description: IC DGTL POT 10K                  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP45HV31T-103E/ST<br>Description: IC DGTL POT 10K 128TAPS 14TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP4562T-503E/MF<br>Description: IC DGTL POT 50K 257TAPS 8-DFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
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| Related keywords for MCP45HV31-104E/ST          |                                                 |                                        |                                                          |
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