

MCP42100-E/SL





Part Number:

MCP42100-E/SL

Manufacturer

Micrel / Microchip Technology

Description

IC POT DGTL 100K 2CH SPI 14SOIC

Data sheet:

 Development Tools Catalog

 MCP41zzz, MCP42zzz

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

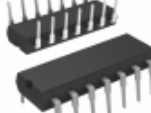
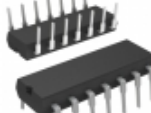
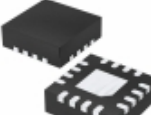
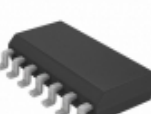
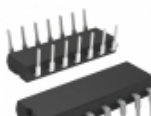
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |                                 |                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP42100-E/SL                                                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC POT DGTL 100K 2CH SPI 14SOIC                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 53423 pcs                                                               | Data sheet                      | <a href="#">Development Tools Catalog</a><br><a href="#">MCP41zzz, MCP42zzz</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply                | 2.7 V ~ 5.5 V                                                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±30%                                                                    | Temperature Coefficient (Typ)   | 800 ppm/°C                                                                      |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Linear                                                                  | Supplier Device Package         | 14-SOIC                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                       | Resistance - Wiper (Ohms) (Typ) | 175                                                                             |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100k                                                                    | Packaging                       | Tube                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14-SOIC (0.154", 3.90mm Width)                                          | Operating Temperature           | -40°C ~ 125°C                                                                   |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 256                                                                     | Number of Circuits              | 2                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                                                           | Memory Type                     | Volatile                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 17 Weeks                                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                      |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPI                                                                     | Features                        | Cascade Pin                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Digital Potentiometer 100k Ohm 2 Circuit 256 Taps SPI Interface 14-SOIC | Configuration                   | Potentiometer                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MCP42100                                                                |                                 |                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP42050-E/ST</a><br>Description: IC POT DGTL 50K 2CH SPI 14TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP42100T-I/ST</a><br>Description: IC POT DGTL 100K 2CH SPI 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP42100-E/P</a><br>Description: IC POT DGTL 100K 2CH SPI 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP4231-103E/P</a><br>Description: IC DGTL POT 10K 2CH 14DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP42050T-I/ST</a><br>Description: IC POT DGTL 50K 2CH SPI 14-TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP4231-103E/ML</a><br>Description: IC POT DGTL DUAL 10K SPI 16QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP42100T-E/ST</a><br>Description: IC POT DGTL 100K 2CH SPI 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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