

DS1845B-010+



Part Number: [DS1845B-010+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC POT/MEM DUAL NV 10K 16-BGA

Data sheet:  [DS1845](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | DS1845B-010+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC POT/MEM DUAL NV 10K 16-BGA             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 38675 pcs                                 | Data sheet                      | <a href="#">DS1845</a>                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 2.7 V ~ 5.5 V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±20%                                      | Temperature Coefficient (Typ)   | 750 ppm/°C                                                                         |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Linear                                    | Supplier Device Package         | 16-CSBGA (4x4)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Resistance - Wiper (Ohms) (Typ) | 500                                                                                |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10k                                       | Packaging                       | Tray                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-LBGA, CSPBGA                           | Operating Temperature           | -40°C ~ 85°C                                                                       |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100, 256                                  | Number of Circuits              | 2                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                             | Memory Type                     | Non-Volatile                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Interface                       | I²C                                                                                |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Selectable Address                        | Detailed Description            | Digital Potentiometer 10k Ohm 2 Circuit 100, 256 Taps I²C Interface 16-CSBGA (4x4) |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | Potentiometer                             | Base Part Number                | DS1845                                                                             |
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