

DS1848B-C10+T&R



Part Number: [DS1848B-C10+T&R](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RES/MEM TEMP 10/10K 16CSBGA

Data sheet:  [DS1848](#)

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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DS1848B-C10+T&R                           | Manufacturer                    | <a href="#">Maxim Integrated</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC RES/MEM TEMP 10/10K 16CSBGA            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4909 pcs                                  | Data sheet                      | <a href="#">DS1848</a>                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 3 V ~ 5.5 V                                                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±20%                                      | Temperature Coefficient (Typ)   | 850 ppm/°C                                                                    |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Linear                                    | Supplier Device Package         | 16-CSBGA (4x4)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Resistance - Wiper (Ohms) (Typ) | -                                                                             |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10k                                       | Packaging                       | Tape & Reel (TR)                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-LBGA, CSPBGA                           | Operating Temperature           | -40°C ~ 95°C                                                                  |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                                               | 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, Temperature Sensor    | Detailed Description            | Digital Potentiometer 10k Ohm 2 Circuit 256 Taps I²C Interface 16-CSBGA (4x4) |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rheostat                                  | Base Part Number                | DS1848                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                 |                |
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|  | Part#: <a href="#">DS1848B-010/T&amp;R</a><br>Description: IC RES/MEM TEMP 10/10K 16-BGA    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1848B-C50+T&amp;R</a><br>Description: IC RES.MEM TEMP 50/10K 16CSBGA   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1848E-010+</a><br>Description: IC RES/MEM TEMP 10/10K 14-TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1847E-050+</a><br>Description: IC RES TEMP-CNTRL 50/10K 16TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1848B-050+T&amp;R</a><br>Description: IC RES/MEM TEMP 50/10K 16-BGA    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1851E-010</a><br>Description: IC DAC DUAL NV TEMP CNTRL 8TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1847E-010/T&amp;R</a><br>Description: IC RES TEMP-CNTRL 10/10K 14TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1848B-050+</a><br>Description: IC RES/MEM TEMP 50/10K 16-BGA           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1851E-010+T&amp;R</a><br>Description: IC DAC DUAL NV TEMP CNTRL 8TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DS1852B-000+</a><br>Description: IC MONITOR TXRX OPTICAL 25-BGA          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DS1852B-000</a><br>Description: IC MONITOR TXRX OPTICAL 25-BGA           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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