

EMC1501-1-AC3-TR





Part Number: [EMC1501-1-AC3-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC TEMP SENSOR 2WIRE 8TDFN

Data sheet:  [EMC1501](#)

RoHs Status: Lead free / RoHS Compliant

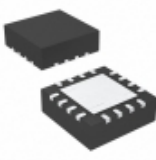
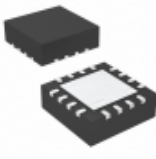
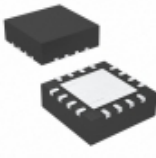
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EMC1501-1-AC3-TR                          | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC TEMP SENSOR 2WIRE 8TDFN                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4439 pcs                                  | Data sheet                     | <a href="#">EMC1501</a>                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.7 V ~ 3.6 V                                                                              |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ADC, Multiplexer, Register Bank           | Supplier Device Package        | 8-TDFN (2x3)                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Sensor Type                    | Internal                                                                                   |
| Sensing Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                      | Tape & Reel (TR)                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-WFDFN Exposed Pad                       | Output Type                    | I <sup>2</sup> C/SMBus                                                                     |
| Output Fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                        | Output Alarm                   | No                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -20°C ~ 125°C                             | Mounting Type                  | Surface Mount                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Temp Monitoring System (Sensor)           | Detailed Description           | Temp Monitoring System (Sensor) Internal Sensor I <sup>2</sup> C/SMBus Output 8-TDFN (2x3) |
| Accuracy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±1%                                       |                                |                                                                                            |
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|  | Part#: <a href="#">EMC15DREF-S13</a><br>Description: CONN EDGE DUAL FEMALE 30POS 0.100    | Manufacturers: <a href="#">Sullins Connector Solutions</a>   | RFQ |
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|  | Part#: <a href="#">EMC1422-2-ACZL-TR</a><br>Description: SENSOR DIGITAL -40C-125C 8MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">EMC1438-1-AP-TR</a><br>Description: SENSOR DIGITAL -40C-125C 16QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">EMC1424-1-AIZL-TR</a><br>Description: SENSOR DIGITAL -40C-125C 10MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">EMC15DRAH</a><br>Description: CONN EDGE DUAL FEMALE 30POS 0.100        | Manufacturers: <a href="#">Sullins Connector Solutions</a>   | RFQ |
|  | Part#: <a href="#">EMC15DRAH-S734</a><br>Description: CONN EDGE DUAL FEMALE 30POS 0.100   | Manufacturers: <a href="#">Sullins Connector Solutions</a>   | RFQ |
|  | Part#: <a href="#">EMC1423-1-AIZL-TR</a><br>Description: SENSOR DIGITAL -40C-125C 10MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |

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