

MICROCHIP

Micrel / Microchip Technology



### MCP98242T-BE/MNYBA2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP98242T-BE/MNYBA2                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC TEMP SENSOR 2WIRE 3V 8-TDFN                                                                               |
|                     |  1.MCP98242T-BE/MNYBA2.pdf  |
|                     |  2.MCP98242T-BE/MNYBA2.pdf  |
|                     |  3.MCP98242T-BE/MNYBA2.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5691 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

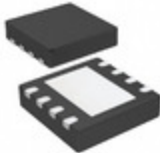
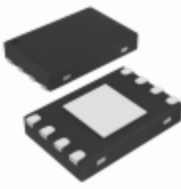
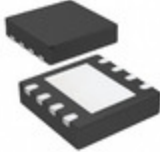
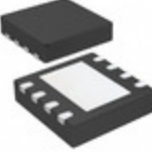
#### Specifications of MCP98242T-BE/MNYBA2

|                                  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP98242T-BE/MNYBA2                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC TEMP SENSOR 2WIRE 3V 8-TDFN                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 5691 pcs                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.MCP98242T-BE/MNYBA2.pdf<br> 2.MCP98242T-BE/MNYBA2.pdf<br> 3.MCP98242T-BE/MNYBA2.pdf |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                     |
| TOPOLOGY                         | ADC (Sigma Delta), Register Bank                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-TDFN (2x3)                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                               |
| SENSOR TYPE                      | Internal                                                                                                                                                                                                                                                                                                                                        |
| SENSING TEMPERATURE              | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 8-WDFN Exposed Pad                                                                                                                                                                                                                                                                                                                              |
| OUTPUT TYPE                      | I <sup>2</sup> C/SMBus                                                                                                                                                                                                                                                                                                                          |
| OUTPUT FAN                       | Yes                                                                                                                                                                                                                                                                                                                                             |
| OUTPUT ALARM                     | Yes                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°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), DIMM DDR Memory                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | Temp Monitoring System (Sensor), DIMM DDR Memory -40°C ~ 125°C Internal Sensor I <sup>2</sup> C/SMBus Output 8-TDFN (2x3)                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | MCP98242                                                                                                                                                                                                                                                                                                                                        |
| ACCURACY                         | ±3°C(Max)                                                                                                                                                                                                                                                                                                                                       |

#### Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology MCP98242T-BE/MNYBA2 | MCP98242T-BE/MNYBA2 Distributor          | MCP98242T-BE/MNYBA2 Supplier                               |
| MCP98242T-BE/MNYBA2 Price                         | MCP98242T-BE/MNYBA2 Pictures             | MCP98242T-BE/MNYBA2 Image                                  |
| MCP98242T-BE/MNYBA2 PDF Datasheet                 | MCP98242T-BE/MNYBA2 Download Datasheet   | MCP98242T-BE/MNYBA2 Datasheet                              |
| MCP98242T-BE/MNYBA2 Stock                         | Buy MCP98242T-BE/MNYBA2                  | Buy Micrel / Microchip Technology MCP98242T-BE/MNYBA2      |
| Micrel / Microchip Technology MCP98242T-BE/MNYBA2 | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology MCP98242T-BE/MNYBA2 | Microchip Technology MCP98242T-BE/MNYBA2 | Roving Networks / Microchip Technology MCP98242T-BE/MNYBA2 |

#### Related Products

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|  <div><b>MCP98242T-BE/MNYBAC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 3V 8-TDFN<br/>In stock: 3810 pcs</div> <div>RFQ</div> |  <div><b>MCP98242T-BE/MCBA2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 3V 8-DFN<br/>In stock: 7087 pcs</div> <div>RFQ</div> |
|  <div><b>MCP98242T-BE/MUY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 8-UDFN<br/>In stock: 6157 pcs</div> <div>RFQ</div>       |  <div><b>MCP98242T-CE/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 8-DFN<br/>In stock: 116873 pcs</div> <div>RFQ</div>     |
|  <div><b>MCP98242T-BE/MCBAC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 3V 8-DFN<br/>In stock: 5911 pcs</div> <div>RFQ</div>   |  <div><b>MCP98242T-BE/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP MOD TEMP SENSOR 8-DFN<br/>In stock: 3595 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP98242T-CE/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 8-TDFN<br/>In stock: 53874 pcs</div> <div>RFQ</div>      |  <div><b>MCP98242T-BE/MNYBAA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 8-TDFN<br/>In stock: 6112 pcs</div> <div>RFQ</div>  |
|  <div><b>MCP98242T-BE/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MEMORY MOD TEMP SENSOR 8TSSOP<br/>In stock: 5362 pcs</div> <div>RFQ</div>   |  <div><b>MCP98242-BE/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MEMORY MOD TEMP SENSOR 8TSSOP<br/>In stock: 3602 pcs</div> <div>RFQ</div>  |
|  <div><b>MCP98242T-BE/MCBAA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TEMP SENSOR 2WIRE 8-DFN<br/>In stock: 6105 pcs</div> <div>RFQ</div>      |  <div><b>MCP98242T-BE/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MEMORY MOD TEMP SENSOR 8-DFN<br/>In stock: 3662 pcs</div> <div>RFQ</div>  |