



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP9801T-M/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP9801T-M/SN                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | SENSOR DIGITAL -55C-125C 8SOIC                                                                               |
|                     | <a href="#">1.MCP9801T-M/SN.pdf</a>                                                                          |
|                     | <a href="#">2.MCP9801T-M/SN.pdf</a>                                                                          |
|                     | <a href="#">3.MCP9801T-M/SN.pdf</a>                                                                          |
|                     | <a href="#">4.MCP9801T-M/SN.pdf</a>                                                                          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

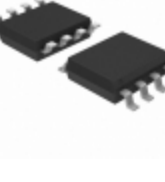
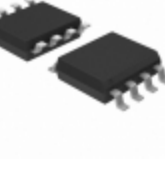
Specifications of MCP9801T-M/SN

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP9801T-M/SN                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                            |
| DESCRIPTION                      | SENSOR DIGITAL -55C-125C 8SOIC                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| DATA SHEET                       | <a href="#">1.MCP9801T-M/SN.pdf</a><br><a href="#">2.MCP9801T-M/SN.pdf</a><br><a href="#">3.MCP9801T-M/SN.pdf</a><br><a href="#">4.MCP9801T-M/SN.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.5 V                                                                                                                                            |
| TEST CONDITION                   | -10°C ~ 85°C (-55°C ~ 125°C)                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                        |
| SENSOR TYPE                      | Digital, Local                                                                                                                                           |
| SENSING TEMPERATURE - REMOTE     | -                                                                                                                                                        |
| SENSING TEMPERATURE - LOCAL      | -55°C ~ 125°C                                                                                                                                            |
| RESOLUTION                       | 11 b                                                                                                                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                            |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                            |
| OUTPUT TYPE                      | I²C/SMBus                                                                                                                                                |
| OTHER NAMES                      | MCP9801T-M/SNCT                                                                                                                                          |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| FEATURES                         | One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode                                                                      |
| DETAILED DESCRIPTION             | Temperature Sensor Digital, Local -55°C ~ 125°C 11 b 8-SOIC                                                                                              |
| ACCURACY - HIGHEST (LOWEST)      | ±1°C (±3°C)                                                                                                                                              |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP9801T-M/SN | MCP9801T-M/SN Distributor              | MCP9801T-M/SN Supplier                               |
| MCP9801T-M/SN Price                         | MCP9801T-M/SN Pictures                 | MCP9801T-M/SN Image                                  |
| MCP9801T-M/SN PDF Datasheet                 | MCP9801T-M/SN Download Datasheet       | MCP9801T-M/SN Datasheet                              |
| MCP9801T-M/SN Stock                         | Buy MCP9801T-M/SN                      | Buy Micrel / Microchip Technology MCP9801T-M/SN      |
| Micrel / Microchip Technology MCP9801T-M/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP9801T-M/SN | Microchip Technology MCP9801T-M/SN     | Roving Networks / Microchip Technology MCP9801T-M/SN |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP9801T-M/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 754 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>MCP9803-M/MSG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |
|  <div><b>MCP9802A5T-M/OTG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MCP9802A0T-M/OTG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MCP9803-M/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |  <div><b>MCP9801-M/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |
|  <div><b>MCP9801T-M/MSG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>MCP9801-M/MSG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |
|  <div><b>MCP9802A5T-M/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MCP9802A0T-M/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MCP9801-M/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |  <div><b>MCP9801-M/SNG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |