



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP9803-M/MS

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP9803-M/MS                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product description | SENSOR DIGITAL -55C-125C 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Datasheets:         | <div><div>1.MCP9803-M/MS.pdf</div><div>2.MCP9803-M/MS.pdf</div><div>3.MCP9803-M/MS.pdf</div><div>4.MCP9803-M/MS.pdf</div></div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                        |
| Stock Condition     | 80267 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

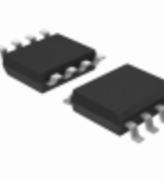
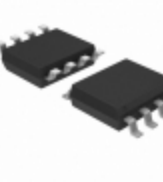
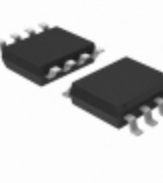
Specifications of MCP9803-M/MS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP9803-M/MS                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | SENSOR DIGITAL -55C-125C 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 80267 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div><div>1.MCP9803-M/MS.pdf</div><div>2.MCP9803-M/MS.pdf</div><div>3.MCP9803-M/MS.pdf</div><div>4.MCP9803-M/MS.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TEST CONDITION                   | -10°C ~ 85°C (-55°C ~ 125°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SENSOR TYPE                      | Digital, Local                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SENSING TEMPERATURE - REMOTE     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SENSING TEMPERATURE - LOCAL      | -55°C ~ 125°C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RESOLUTION                       | 11 b                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OUTPUT TYPE                      | I²C/SMBus                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | MCP9803MMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ACCURACY - HIGHEST (LOWEST)      | ±1°C (±3°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP9803-M/MS | MCP9803-M/MS Distributor               | MCP9803-M/MS Supplier                               |
| MCP9803-M/MS Price                         | MCP9803-M/MS Pictures                  | MCP9803-M/MS Image                                  |
| MCP9803-M/MS PDF Datasheet                 | MCP9803-M/MS Download Datasheet        | MCP9803-M/MS Datasheet                              |
| MCP9803-M/MS Stock                         | Buy MCP9803-M/MS                       | Buy Micrel / Microchip Technology MCP9803-M/MS      |
| Micrel / Microchip Technology MCP9803-M/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP9803-M/MS | Microchip Technology MCP9803-M/MS      | Roving Networks / Microchip Technology MCP9803-M/MS |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>MCP9803T-M/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 77156 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MCP9802A0T-M/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: 72234 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP9802A5T-M/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: 101398 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP9802A0T-M/OTG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: 5558 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP9803-M/SNG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 6038 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MCP9801T-M/MSG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 4066 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCP9803-M/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 6931 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCP9803-M/MSG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 3036 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MCP9802A5T-M/OTG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C SOT23-5<br/>In stock: 3802 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP9803-M/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 67323 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MCP9803T-M/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 5487 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCP9801T-M/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 77254 pcs<br/><div>RFQ</div></div>     |