

MICROCHIP

Micrel / Microchip Technology



### MCP3906A-I/SS

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3906A-I/SS                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                  |
| Product description | IC POWER METERING-1 PHASE 24SSOP                                                                                                                                                                               |
| Datasheets:         |  1.MCP3906A-I/SS.pdf<br> 2.MCP3906A-I/SS.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                   |
| Stock Condition     | 39420 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of MCP3906A-I/SS

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP3906A-I/SS                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC POWER METERING-1 PHASE 24SSOP                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 39420 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MCP3906A-I/SS.pdf<br> 2.MCP3906A-I/SS.pdf |
| VOLTAGE - SUPPLY                 | 4.5V ~ 5.5V                                                                                                                                                                                                        |
| VOLTAGE - I/O LOW                | 0.85V                                                                                                                                                                                                              |
| VOLTAGE - I/O HIGH               | 2.4V                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 24-SSOP                                                                                                                                                                                                            |
| SERIES                           | -                                                                                                                                                                                                                  |
| PACKAGING                        | Tube                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 24-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                     |
| OTHER NAMES                      | MCP3906AISS                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| METER TYPE                       | Single Phase                                                                                                                                                                                                       |
| MEASUREMENT ERROR                | 0.1%                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| INPUT IMPEDANCE                  | 390 kOhm                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | Single Phase Meter IC 24-SSOP                                                                                                                                                                                      |
| CURRENT - SUPPLY                 | 2.7mA                                                                                                                                                                                                              |
| BASE PART NUMBER                 | MCP3906A                                                                                                                                                                                                           |

#### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP3906A-I/SS | MCP3906A-I/SS Distributor              | MCP3906A-I/SS Supplier                               |
| MCP3906A-I/SS Price                         | MCP3906A-I/SS Pictures                 | MCP3906A-I/SS Image                                  |
| MCP3906A-I/SS PDF Datasheet                 | MCP3906A-I/SS Download Datasheet       | MCP3906A-I/SS Datasheet                              |
| MCP3906A-I/SS Stock                         | Buy MCP3906A-I/SS                      | Buy Micrel / Microchip Technology MCP3906A-I/SS      |
| Micrel / Microchip Technology MCP3906A-I/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP3906A-I/SS | Microchip Technology MCP3906A-I/SS     | Roving Networks / Microchip Technology MCP3906A-I/SS |

#### Related Products

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|  <b>MCP3906-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING 24SSOP<br>In stock: 5622 pcs<br><b>RFQ</b>           |  <b>MCP3905T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METER 24-SSOP<br>In stock: 2944 pcs<br><b>RFQ</b>             |
|  <b>MCP3906AT-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC POWER METERING-1 PHASE 24SSOP<br>In stock: 57757 pcs<br><b>RFQ</b> |  <b>MCP3905LT-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING-1 PHASE 24SSOP<br>In stock: 71171 pcs<br><b>RFQ</b> |
|  <b>MCP3906T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING 24SSOP<br>In stock: 3449 pcs<br><b>RFQ</b>          |  <b>MCP3906A-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING 24SSOP<br>In stock: 39012 pcs<br><b>RFQ</b>          |
|  <b>MCP3907-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METER INT OSC 24-SSOP<br>In stock: 5195 pcs<br><b>RFQ</b>     |  <b>MCP3906AT-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING 24SSOP<br>In stock: 64170 pcs<br><b>RFQ</b>         |
|  <b>MCP3909-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING SPI 24SSOP<br>In stock: 45259 pcs<br><b>RFQ</b>      |  <b>MCP3905LT-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METERING 24SSOP<br>In stock: 63783 pcs<br><b>RFQ</b>         |
|  <b>MCP3905RD-PM1</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: REFERENCE DESIGN FOR MCP3905<br>In stock: 2325 pcs<br><b>RFQ</b>       |  <b>MCP3907T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC ENERGY METER W/OSC 24SSOP<br>In stock: 4841 pcs<br><b>RFQ</b>        |