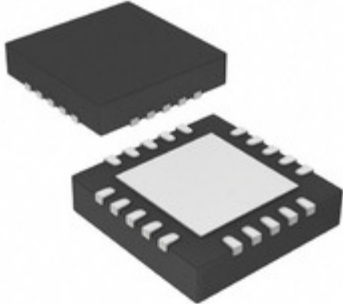


MCP3918A1-E/ML





Part Number: MCP3918A1-E/ML

Manufacturer: Micrel / Microchip Technology

Description: IC ENERGY METER FRONT 1CH 20QFN

Data sheet:  MCP3918 Series

RoHs Status: Lead free / RoHS Compliant

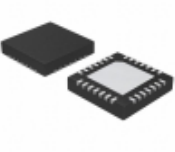
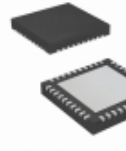
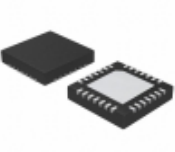
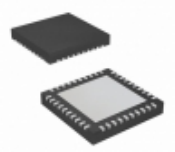
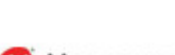
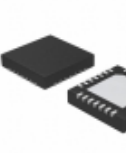
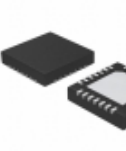
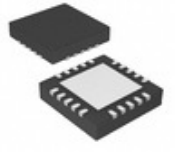
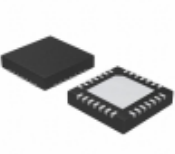
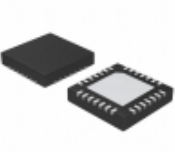
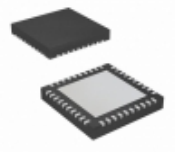
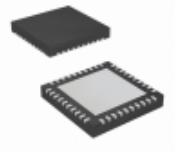
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP3918A1-E/ML                            | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC ENERGY METER FRONT 1CH 20QFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 73830 pcs                                 | Data sheet                      | <a href="#">MCP3918 Series</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 2.7V ~ 3.6V                                   |
| Voltage - I/O Low                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.3V                                      | Voltage - I/O High              | 0.7V                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20-QFN (4x4)                              | Series                          | -                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                      | Package / Case                  | 20-VFQFN Exposed Pad                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C                             | Mounting Type                   | Surface Mount                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                             | Meter Type                      | Single Phase                                  |
| Measurement Error                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.1%                                      | Manufacturer Standard Lead Time | 18 Weeks                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                | Input Impedance                 | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Single Phase Meter IC 20-QFN (4x4)        | Current - Supply                | 800µA                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MCP3918                                   |                                 |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP3912A1-E/SS</a><br>Description: IC ENERGY METER FRONT 4CH 28SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP39F511-E/MQ</a><br>Description: IC POWER MONITOR 1PH 28QFN           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3914A1T-E/MV</a><br>Description: IC ENERGY METER FRONT 8CH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3913A1-E/SS</a><br>Description: IC ENERGY METER FRONT 6CH 28SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3912A1T-E/SS</a><br>Description: IC ENERGY METER FRONT 4CH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3919A1T-E/MQ</a><br>Description: IC ENERGY METER FRONT 3CH 24QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3913A1T-E/MV</a><br>Description: IC ENERGY METER FRONT 6CH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3919A1-E/SS</a><br>Description: IC ENERGY METER FRONT 3CH 28SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3914A1T-E/MVVAO</a><br>Description: IC ENERGY METER FRONT 8CH 40UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3918A1-E/SS</a><br>Description: IC ENERGY METER FRONT 1CH 20SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3918A1T-E/SS</a><br>Description: IC ENERGY METER FRONT 1CH 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3919A1T-E/SS</a><br>Description: IC ENERGY METER FRONT 3CH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP39F501-E/MQ</a><br>Description: IC POWER MONITOR 1PH 28QFN           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3912A1T-E/MQ</a><br>Description: IC ENERGY METER FRONT 4CH 24QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3918A1T-E/ML</a><br>Description: IC ENERGY METER FRONT 1CH 20QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3913A1T-E/SS</a><br>Description: IC ENERGY METER FRONT 6CH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3919A1-E/MQ</a><br>Description: IC ENERGY METER FRONT 3CH 28QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP39F501T-E/MQ</a><br>Description: IC POWER MONITOR 1PH 28QFN          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3913A1-E/MV</a><br>Description: IC ENERGY METER FRONT 6CH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3914A1-E/MV</a><br>Description: IC ENERGY METER FRONT 8CH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for MCP3918A1-E/ML          |                                     |                                                          |                      |
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