

MCP23S18-E/SO



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Part Number: MCP23S18-E/SO

Manufacturer: Micrel / Microchip Technology

Description: IC I/O EXPANDER SPI 16B 28SOIC

Data sheet:  MCP23018,23S18

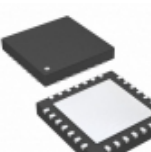
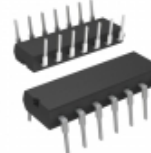
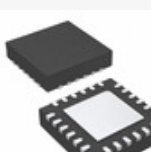
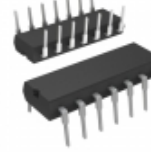
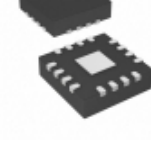
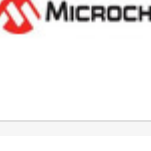
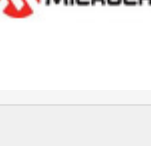
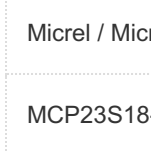
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP23S18-E/SO                             | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC I/O EXPANDER SPI 16B 28SOIC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 68477 pcs                                 | Data sheet                       | <a href="#">MCP23018,23S18</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.8 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-SOIC                                   | Series                           | -                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                      | Package / Case                   | 28-SOIC (0.295", 7.50mm Width)                |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Open Drain                                | Other Names                      | MCP23S18ESO                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C                             | Number of I/O                    | 16                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Interrupt Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Interface                        | SPI                                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | I/O Expander 16 SPI 10MHz 28-SOIC             |
| Current - Output Source/Sink                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25mA                                      | Clock Frequency                  | 10MHz                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MCP23S18                                  |                                  |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 68477 pieces of Micrel / Microchip Technology MCP23S18-E/SO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                               |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP23S17-E/ML</a><br>Description: IC I/O EXPANDER SPI 16B 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP25020-E/P</a><br>Description: IC I/O EXPANDER CAN 8B 14DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17-E/SS</a><br>Description: IC I/O EXPANDER SPI 16B 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17T-E/SO</a><br>Description: IC I/O EXPANDER SPI 16B 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17T-E/ML</a><br>Description: IC I/O EXPANDER SPI 16B 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP25020-E/SL</a><br>Description: IC I/O EXPANDER CAN 8B 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23X17EV</a><br>Description: BOARD EVAL FOR MCP23X17             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S18-E/MJ</a><br>Description: IC I/O EXPANDER SPI 16B 24QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17-E/SO</a><br>Description: IC I/O EXPANDER SPI 16B 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S18T-E/SO</a><br>Description: IC I/O EXPANDER SPI 16B 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17-E/SP</a><br>Description: IC I/O EXPANDER SPI 16B 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23X08EV</a><br>Description: BOARD EVALUATION FOR MCP23X08       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP25020-I/SL</a><br>Description: IC I/O EXPANDER CAN 8B 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S18T-E/MJ</a><br>Description: IC I/O EXPANDER SPI 16B 24QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S18T-E/MJVAO</a><br>Description: EXPANDERS                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP25020-I/P</a><br>Description: IC I/O EXPANDER CAN 8B 14DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S09T-E/MG</a><br>Description: IC I/O EXPANDER SPI 8B 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S17T-E/SS</a><br>Description: IC I/O EXPANDER SPI 16B 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S09T-E/SO</a><br>Description: IC I/O EXPANDER SPI 8B 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23S18-E/SP</a><br>Description: IC EXPANDER SPI 16BIT I/O 28SDIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for MCP23S18-E/SO          |                                    |                                        |                     |
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