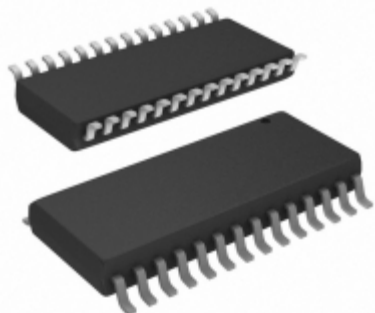


MCP23016-I/SO





Part Number: MCP23016-I/SO

Manufacturer: Micrel / Microchip Technology

Description: IC I/O EXPANDER I2C 16B 28SOIC

Data sheet:  Development Tools Catalog

 MCP23016

 MCP23016 Brief

RoHs Status: Lead free / RoHS Compliant

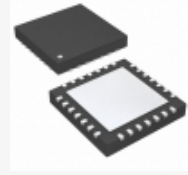
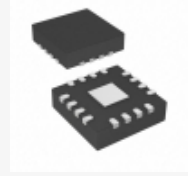
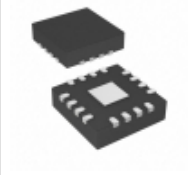
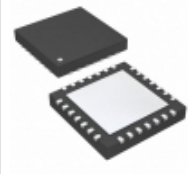
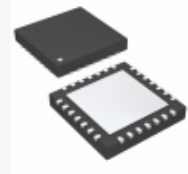
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MCP23016-I/SO with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP23016-I/SO                             | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC I/O EXPANDER I2C 16B 28SOIC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 83997 pcs                                 | Data sheet                       | <a href="#">Development Tools Catalog</a><br><a href="#">MCP23016</a><br><a href="#">MCP23016 Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2 V ~ 5.5 V                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-SOIC                                   | Series                           | -                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                      | Package / Case                   | 28-SOIC (0.295", 7.50mm Width)                                                                          |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Push-Pull                                 | Other Names                      | MCP23016ISO                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                              | Number of I/O                    | 16                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                              |
| Interrupt Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Interface                        | I <sup>2</sup> C                                                                                        |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POR                                       | Detailed Description             | I/O Expander 16 I <sup>2</sup> C 400kHz 28-SOIC                                                         |
| Current - Output Source/Sink                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25mA                                      | Clock Frequency                  | 400kHz                                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MCP23016                                  |                                  |                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP23008T-E/SSVAO</a><br>Description: 8-BIT I/O EXPANDER WITH I2C INTE | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009T-E/SS</a><br>Description: IC I/O EXPANDER I2C 8B 20SSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016T-I/SO</a><br>Description: IC I/O EXPANDER I2C 16B 28SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016-I/ML</a><br>Description: IC I/O EXPANDER I2C 16B 28QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23008T-E/SO</a><br>Description: IC I/O EXPANDER I2C 8B 18SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23017-E/SSVAO</a><br>Description: EXPANDERS                         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23008T-E/SS</a><br>Description: IC I/O EXPANDER 8BIT I2C 20-SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009T-E/MG</a><br>Description: IC I/O EXPANDER I2C 8B 16QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016-I/SS</a><br>Description: IC I/O EXPANDER I2C 16B 28SSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23017-E/SO</a><br>Description: IC I/O EXPANDER I2C 16B 28SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016T-I/SS</a><br>Description: IC I/O EXPANDER I2C 16B 28SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009-E/SS</a><br>Description: IC I/O EXPANDER I2C 8B 20SSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009-E/MG</a><br>Description: IC I/O EXPANDER I2C 8B 16QFN         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23017-E/SP</a><br>Description: IC I/O EXPANDER I2C 16B 28SDIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016T-I/ML</a><br>Description: IC I/O EXPANDER I2C 16B 28QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009-E/SO</a><br>Description: IC I/O EXPANDER I2C 8B 18SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23016-I/SP</a><br>Description: IC I/O EXPANDER I2C 16B 28SDIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23017-E/SS</a><br>Description: IC I/O EXPANDER I2C 16B 28SSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP23009-E/P</a><br>Description: IC I/O EXPANDER I2C 8B 18DIP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for MCP23016-I/SO          |                                    |                                        |                     |
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