

MCP23018-E/SP



Part Number: MCP23018-E/SP

Manufacturer: Micrel / Microchip Technology

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

Data sheet:  MCP23018,23S18

RoHs Status: Lead free / RoHS Compliant

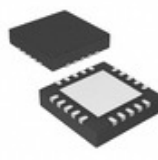
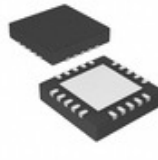
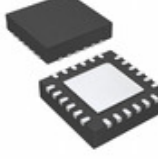
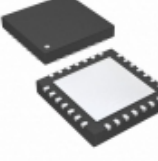
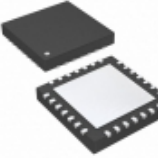
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                  |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP23018-E/SP                  | Manufacturer                     | Micrel / Microchip Technology       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC I/O EXPANDER I2C 16B 28SDIP | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 74327 pcs                      | Data sheet                       | MCP23018,23S18                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | Integrated Circuits (ICs)      | Voltage - Supply                 | 1.8 V ~ 5.5 V                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 28-SPDIP                       | Series                           | -                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                           | Package / Case                   | 28-DIP (0.300", 7.62mm)             |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                            | Open Drain                     | Other Names                      | MCP23018ESP                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C                  | Number of I/O                    | 16                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Through Hole                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                        | 20 Weeks                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Interrupt Output                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                            | Interface                        | I²C                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                               | POR                            | Detailed Description             | I/O Expander 16 I²C 3.4MHz 28-SPDIP |
| Current - Output Source/Sink                                                                                                                                                                                                                                                                                                                                                                                                           | 25mA                           | Clock Frequency                  | 3.4MHz                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | MCP23018                       |                                  |                                     |
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|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP23018T-E/SO<br>Description: IC I/O EXPANDER I2C 16B 28SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08-E/SS<br>Description: IC I/O EXPANDER SPI 8B 20SSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017T-E/SS<br>Description: IC I/O EXPANDER 16BIT I2C 28SSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017-E/SS<br>Description: IC I/O EXPANDER I2C 16B 28SSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017-E/SO<br>Description: IC I/O EXPANDER I2C 16B 28SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08T-E/SO<br>Description: IC I/O EXPANDER SPI 8B 18SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08-E/ML<br>Description: IC I/O EXPANDER SPI 8B 20QFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23018T-E/SS<br>Description: IC I/O EXPANDER I2C 16B 24SSOP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23018T-E/MJ<br>Description: IC I/O EXPANDER I2C 16B 24QFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23018-E/SO<br>Description: IC I/O EXPANDER I2C 16B 28SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08T-E/ML<br>Description: IC I/O EXPANDER SPI 8B 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP23018-E/MJ<br>Description: IC I/O EXPANDER I2C 16B 24QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017-E/ML<br>Description: IC I/O EXPANDER I2C 16B 28QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017-E/SP<br>Description: IC I/O EXPANDER I2C 16B 28SDIP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017-E/SSVAO<br>Description: EXPANDERS                      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017T-E/SO<br>Description: IC I/O EXPANDER I2C 16B 28SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23017T-E/ML<br>Description: IC I/O EXPANDER I2C 16B 28QFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08-E/P<br>Description: IC I/O EXPANDER SPI 8B 18DIP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23S08-E/SO<br>Description: IC I/O EXPANDER SPI 8B 18SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP23018-E/SP

|                                             |                                    |                                        |                     |
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