



Micrel / Microchip Technology



MCP23018-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP23018-E/SS                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC I/O EXPANDER I2C 16B 24SSOP                                                                               |
| Datasheets:         |  MCP23018-E/SS.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 50192 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.

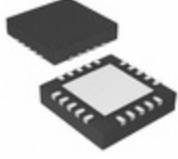
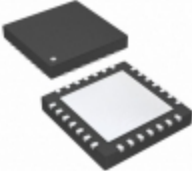
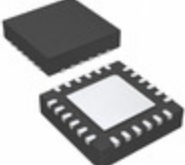
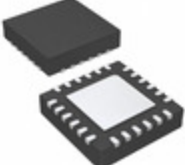
Specifications of MCP23018-E/SS

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP23018-E/SS                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC I/O EXPANDER I2C 16B 24SSOP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 50192 pcs                                                                                             |
| DATA SHEET                       |  MCP23018-E/SS.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 24-SSOP                                                                                               |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 24-SSOP (0.209", 5.30mm Width)                                                                        |
| OUTPUT TYPE                      | Open Drain                                                                                            |
| OTHER NAMES                      | MCP23018ESS                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                         |
| NUMBER OF I/O                    | 16                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| 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 24-SSOP                                                                    |
| CURRENT - OUTPUT SOURCE/SINK     | 25mA                                                                                                  |
| CLOCK FREQUENCY                  | 3.4MHz                                                                                                |
| BASE PART NUMBER                 | MCP23018                                                                                              |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP23018-E/SS | MCP23018-E/SS Distributor              | MCP23018-E/SS Supplier                               |
| MCP23018-E/SS Price                         | MCP23018-E/SS Pictures                 | MCP23018-E/SS Image                                  |
| MCP23018-E/SS PDF Datasheet                 | MCP23018-E/SS Download Datasheet       | MCP23018-E/SS Datasheet                              |
| MCP23018-E/SS Stock                         | Buy MCP23018-E/SS                      | Buy Micrel / Microchip Technology MCP23018-E/SS      |
| Micrel / Microchip Technology MCP23018-E/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP23018-E/SS | Microchip Technology MCP23018-E/SS     | Roving Networks / Microchip Technology MCP23018-E/SS |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MCP23017T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 113755 pcs<br/>RFQ</div>  | <div></div> <div><b>MCP23018T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 82409 pcs<br/>RFQ</div> |
| <div></div> <div><b>MCP23S08-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18SOIC<br/>In stock: 85563 pcs<br/>RFQ</div>     | <div></div> <div><b>MCP23S08-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 20QFN<br/>In stock: 70378 pcs<br/>RFQ</div>    |
| <div></div> <div><b>MCP23018-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SDIP<br/>In stock: 63037 pcs<br/>RFQ</div>    | <div></div> <div><b>MCP23017T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28QFN<br/>In stock: 80202 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MCP23017T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER 16BIT I2C 28SSOP<br/>In stock: 76424 pcs<br/>RFQ</div> | <div></div> <div><b>MCP23S08-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18DIP<br/>In stock: 79107 pcs<br/>RFQ</div>     |
| <div></div> <div><b>MCP23018T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 24SSOP<br/>In stock: 79710 pcs<br/>RFQ</div>   | <div></div> <div><b>MCP23018-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 52669 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MCP23018T-E/MJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 24QFN<br/>In stock: 73434 pcs<br/>RFQ</div>    | <div></div> <div><b>MCP23018-E/MJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 24QFN<br/>In stock: 52248 pcs<br/>RFQ</div>   |