



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP23017-E/ML

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP23017-E/ML                                                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                          |
| Product description | IC I/O EXPANDER I2C 16B 28QFN                                                                                                          |
| Datasheets:         | <div><div>PDF</div>1.MCP23017-E/ML.pdf</div> <div><div>PDF</div>2.MCP23017-E/ML.pdf</div> <div><div>PDF</div>3.MCP23017-E/ML.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                   |
| Stock Condition     | 62257 pcs stock                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                  |

REQUEST FOR QUOTATION

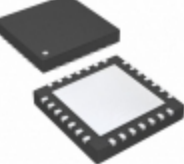
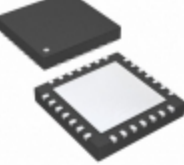
Specifications of MCP23017-E/ML

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP23017-E/ML                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                          |
| DESCRIPTION                      | IC I/O EXPANDER I2C 16B 28QFN                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| QUANTITY AVAILABLE               | 62257 pcs                                                                                                                              |
| DATA SHEET                       | <div><div>PDF</div>1.MCP23017-E/ML.pdf</div> <div><div>PDF</div>2.MCP23017-E/ML.pdf</div> <div><div>PDF</div>3.MCP23017-E/ML.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                           |
| SERIES                           | -                                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                                   |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                    |
| OUTPUT TYPE                      | Push-Pull                                                                                                                              |
| OTHER NAMES                      | MCP23017EML                                                                                                                            |
| 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 1.7MHz 28-QFN (6x6)                                                                                                |
| CURRENT - OUTPUT SOURCE/SINK     | 25mA                                                                                                                                   |
| CLOCK FREQUENCY                  | 1.7MHz                                                                                                                                 |
| BASE PART NUMBER                 | MCP23017                                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP23017-E/ML | MCP23017-E/ML Distributor              | MCP23017-E/ML Supplier                               |
| MCP23017-E/ML Price                         | MCP23017-E/ML Pictures                 | MCP23017-E/ML Image                                  |
| MCP23017-E/ML PDF Datasheet                 | MCP23017-E/ML Download Datasheet       | MCP23017-E/ML Datasheet                              |
| MCP23017-E/ML Stock                         | Buy MCP23017-E/ML                      | Buy Micrel / Microchip Technology MCP23017-E/ML      |
| Micrel / Microchip Technology MCP23017-E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP23017-E/ML | Microchip Technology MCP23017-E/ML     | Roving Networks / Microchip Technology MCP23017-E/ML |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>MCP23016T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 79812 pcs<br/>RFQ</div> | <div></div> <div><b>MCP23016-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SSOP<br/>In stock: 55902 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MCP23017-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 72474 pcs<br/>RFQ</div>  | <div></div> <div><b>MCP23016T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28QFN<br/>In stock: 65228 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>MCP23017-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SSOP<br/>In stock: 65294 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MCP23016T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SSOP<br/>In stock: 73119 pcs<br/>RFQ</div> | <div></div> <div><b>MCP23016-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SDIP<br/>In stock: 49931 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MCP23017-E/SSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EXPANDERS<br/>In stock: 4396 pcs<br/>RFQ</div>                     | <div></div> <div><b>MCP23017-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SDIP<br/>In stock: 82249 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MCP23016-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 28SOIC<br/>In stock: 62904 pcs<br/>RFQ</div>  | <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> |