



MCP23S08-E/ML

|                     |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP23S08-E/ML                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                             |
| Product description | IC I/O EXPANDER SPI 8B 20QFN                                                                                                                                                                                                              |
| Datasheets:         | <div><div>1.MCP23S08-E/ML.pdf</div><div>2.MCP23S08-E/ML.pdf</div></div> |
| RoHS Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                    |
| Stock Condition     | 70378 pcs stock                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

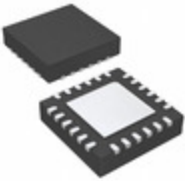
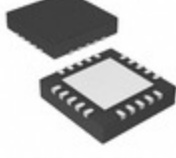
Specifications of MCP23S08-E/ML

|                                  |                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP23S08-E/ML                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC I/O EXPANDER SPI 8B 20QFN                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 70378 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>1.MCP23S08-E/ML.pdf</div><div>2.MCP23S08-E/ML.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 20-QFN-EP (4x4)                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                          |
| OUTPUT TYPE                      | Push-Pull                                                                                                                                                                                                                                     |
| OTHER NAMES                      | MCP23S08EML                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 8                                                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| INTERRUPT OUTPUT                 | Yes                                                                                                                                                                                                                                           |
| INTERFACE                        | SPI                                                                                                                                                                                                                                           |
| FEATURES                         | POR                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | I/O Expander 8 SPI 10MHz 20-QFN-EP (4x4)                                                                                                                                                                                                      |
| CURRENT - OUTPUT SOURCE/SINK     | 25mA                                                                                                                                                                                                                                          |
| CLOCK FREQUENCY                  | 10MHz                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | MCP23S08                                                                                                                                                                                                                                      |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP23S08-E/ML | MCP23S08-E/ML Distributor              | MCP23S08-E/ML Supplier                               |
| MCP23S08-E/ML Price                         | MCP23S08-E/ML Pictures                 | MCP23S08-E/ML Image                                  |
| MCP23S08-E/ML PDF Datasheet                 | MCP23S08-E/ML Download Datasheet       | MCP23S08-E/ML Datasheet                              |
| MCP23S08-E/ML Stock                         | Buy MCP23S08-E/ML                      | Buy Micrel / Microchip Technology MCP23S08-E/ML      |
| Micrel / Microchip Technology MCP23S08-E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP23S08-E/ML | Microchip Technology MCP23S08-E/ML     | Roving Networks / Microchip Technology MCP23S08-E/ML |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div>MICROCHIP</div> <div><b>MCP23018-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER I2C 16B 24SSOP<br/>In stock: 50192 pcs</div> <div>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</div> <div>RFQ</div>           |
| <div>MICROCHIP</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</div> <div>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</div> <div>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</div> <div>RFQ</div>           | <div>MICROCHIP</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</div> <div>RFQ</div> |
| <div>MICROCHIP</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</div> <div>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</div> <div>RFQ</div>              |
| <div></div> <div><b>MCP23S08T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 20QFN<br/>In stock: 112752 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>MCP23S08-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 20SSOP<br/>In stock: 91501 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>MCP23S08T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18SOIC<br/>In stock: 108451 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP23S08T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 20SSOP<br/>In stock: 108809 pcs</div> <div>RFQ</div> |