



Micrel / Microchip Technology

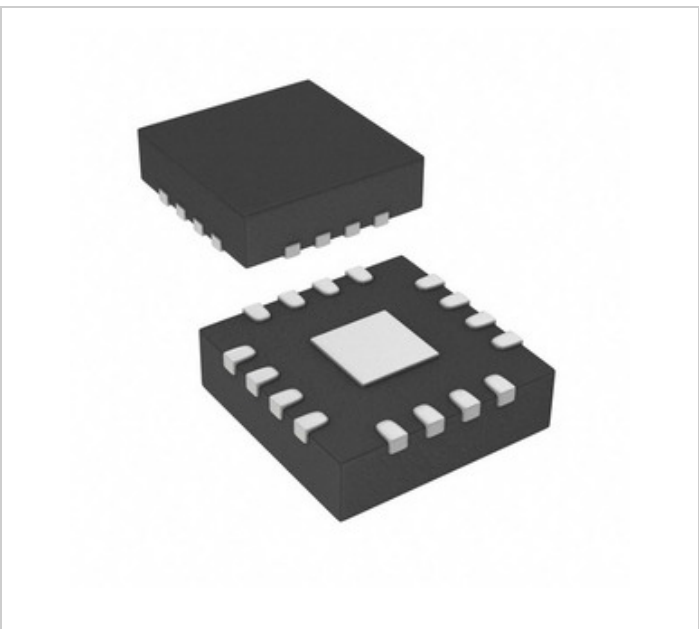


Image may be representation. See specifications for product details.

MCP23S09T-E/MG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP23S09T-E/MG                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC I/O EXPANDER SPI 8B 16QFN                                                                                         |
| Datasheets:         |  <a href="#">MCP23S09T-E/MG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 100165 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

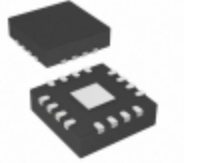
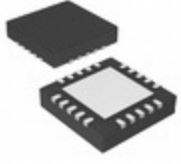
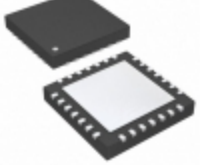
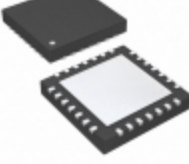
Specifications of MCP23S09T-E/MG

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP23S09T-E/MG                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC I/O EXPANDER SPI 8B 16QFN                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 100165 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">MCP23S09T-E/MG.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-QFN-EP (3x3)                                                                                                        |
| SERIES                           | -                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad                                                                                                   |
| OUTPUT TYPE                      | Open Drain                                                                                                             |
| OTHER NAMES                      | MCP23S09T-E/MG-ND<br>MCP23S09T-E/MGTR                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                          |
| NUMBER OF I/O                    | 8                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| INTERRUPT OUTPUT                 | Yes                                                                                                                    |
| INTERFACE                        | SPI                                                                                                                    |
| FEATURES                         | -                                                                                                                      |
| DETAILED DESCRIPTION             | I/O Expander 8 SPI 10MHz 16-QFN-EP (3x3)                                                                               |
| CURRENT - OUTPUT SOURCE/SINK     | 25mA                                                                                                                   |
| CLOCK FREQUENCY                  | 10MHz                                                                                                                  |
| BASE PART NUMBER                 | MCP23S09                                                                                                               |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology MCP23S09T-E/MG | MCP23S09T-E/MG Distributor             | MCP23S09T-E/MG Supplier                               |
| MCP23S09T-E/MG Price                         | MCP23S09T-E/MG Pictures                | MCP23S09T-E/MG Image                                  |
| MCP23S09T-E/MG PDF Datasheet                 | MCP23S09T-E/MG Download Datasheet      | MCP23S09T-E/MG Datasheet                              |
| MCP23S09T-E/MG Stock                         | Buy MCP23S09T-E/MG                     | Buy Micrel / Microchip Technology MCP23S09T-E/MG      |
| Micrel / Microchip Technology MCP23S09T-E/MG | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology MCP23S09T-E/MG | Microchip Technology MCP23S09T-E/MG    | Roving Networks / Microchip Technology MCP23S09T-E/MG |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></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<br/><div>RFQ</div></div> | <div></div> <div><b>MCP23S09-E/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 16QFN<br/>In stock: 77465 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>  | <div></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<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP23S09T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18SOIC<br/>In stock: 108387 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP23S17-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 16B 28SDIP<br/>In stock: 82389 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP23S09-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18SOIC<br/>In stock: 71823 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCP23S17-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 16B 28QFN<br/>In stock: 65522 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MCP23S09-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 8B 18DIP<br/>In stock: 97922 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCP23S17-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 16B 28SSOP<br/>In stock: 75725 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP23S17T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 16B 28QFN<br/>In stock: 83516 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP23S17-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC I/O EXPANDER SPI 16B 28SOIC<br/>In stock: 66459 pcs<br/><div>RFQ</div></div>  |