

MCP23008T-E/SSVAO



Part Number: MCP23008T-E/SSVAO

Manufacturer: Micrel / Microchip Technology

Description: 8-BIT I/O EXPANDER WITH I2C INTE

Data sheet:  MCP23008 Rev. A Errata  
 MCP23008, MCP23S08

RoHs Status: Lead free / RoHS Compliant

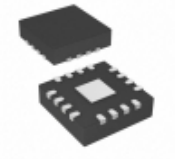
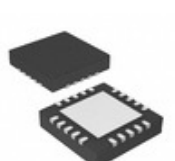
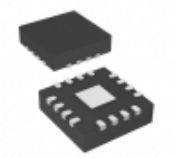
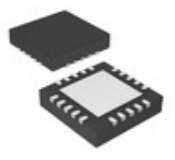
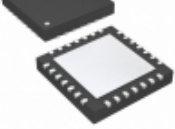
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MCP23008T-E/SSVAO with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  |                                |                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP23008T-E/SSVAO                | Manufacturer                   | Micrel / Microchip Technology                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-BIT I/O EXPANDER WITH I2C INTE | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 4087 pcs                         | Data sheet                     | MCP23008 Rev. A Errata<br>MCP23008, MCP23S08 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)        | Voltage - Supply               | 4.5 V ~ 5.5 V                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-SSOP                          | Series                         | Automotive, AEC-Q100                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                 | Package / Case                 | 20-SSOP (0.209", 5.30mm Width)               |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Push-Pull                        | 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                      | I²C                                          |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                  | POR                              | Detailed Description           | I/O Expander 8 I²C 10MHz 20-SSOP             |
| Current - Output Source/Sink                                                                                                                                                                                                                                                                                                                                                                                                              | 25mA                             | Clock Frequency                | 10MHz                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4087 pieces of Micrel / Microchip Technology MCP23008T-E/SSVAO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                  |                                |                                              |

| RELATED PRODUCTS                                                                   |                                                                        |                                              |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP2221T-I/SL<br>Description: IC USB TO I2C BRIDGE DEVICE 14SO  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23016-I/SP<br>Description: IC I/O EXPANDER I2C 16B 28SDIP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23016-I/SS<br>Description: IC I/O EXPANDER I2C 16B 28SSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009T-E/SS<br>Description: IC I/O EXPANDER I2C 8B 20SSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008T-E/SS<br>Description: IC I/O EXPANDER 8BIT I2C 20-SSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008-E/SS<br>Description: IC I/O EXPANDER I2C 8B 20SSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008T-E/SO<br>Description: IC I/O EXPANDER I2C 8B 18SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008-E/SO<br>Description: IC I/O EXPANDER I2C 8B 18SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009-E/SS<br>Description: IC I/O EXPANDER I2C 8B 20SSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008-E/SSVAO<br>Description: 8-BIT I/O EXPANDER WITH I2C    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009-E/MG<br>Description: IC I/O EXPANDER I2C 8B 16QFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008-E/P<br>Description: IC I/O EXPANDER I2C 8B 18DIP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009-E/P<br>Description: IC I/O EXPANDER I2C 8B 18DIP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP2221T-I/ST<br>Description: IC USB TO I2C BRIDGE DEVICE 14TS  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008-E/ML<br>Description: IC I/O EXPANDER I2C 8B 20QFN      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009T-E/MG<br>Description: IC I/O EXPANDER I2C 8B 16QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23009-E/SO<br>Description: IC I/O EXPANDER I2C 8B 18SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23008T-E/ML<br>Description: IC I/O EXPANDER I2C 8B 20QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23016-I/SO<br>Description: IC I/O EXPANDER I2C 16B 28SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP23016-I/ML<br>Description: IC I/O EXPANDER I2C 16B 28QFN     | Manufacturers: Micrel / Microchip Technology | RFQ |

|                                                 |                                                 |                                        |                                                             |
|-------------------------------------------------|-------------------------------------------------|----------------------------------------|-------------------------------------------------------------|
| Related keywords for MCP23008T-E/SSVAO          |                                                 |                                        |                                                             |
| Micrel / Microchip Technology MCP23008T-E/SSVAO | MCP23008T-E/SSVAO distributor                   | MCP23008T-E/SSVAO supplier             | MCP23008T-E/SSVAO price                                     |
|                                                 | MCP23008T-E/SSVAO download datasheet            | MCP23008T-E/SSVAO datasheet            | MCP23008T-E/SSVAO stock                                     |
| buy MCP23008T-E/SSVAO                           | Micrel / Microchip Technology MCP23008T-E/SSVAO | Microchip Technology MCP23008T-E/SSVAO | Roving Networks / Microchip Technology<br>MCP23008T-E/SSVAO |