

24LC16B-E/MS



Part Number: [24LC16B-E/MS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC EEPROM 16K I2C 400KHZ 8MSOP

Data sheet:  [24AA16, 24LC16B](#)

RoHs Status: Lead free / RoHS Compliant

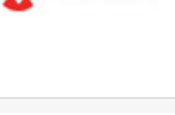
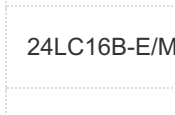
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24LC16B-E/MS                              | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC EEPROM 16K I2C 400KHZ 8MSOP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 152318 pcs                                | Data sheet                      | <a href="#">24AA16, 24LC16B</a>                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page   | 5ms                                                                 |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.5 V ~ 5.5 V                             | Technology                      | EEPROM                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-MSOP                                    | Series                          | -                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                      | Package / Case                  | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C (TA)                        | Mounting Type                   | Surface Mount                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Memory Type                     | Non-Volatile                                                        |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16Kb (2K x 8)                             | Memory Interface                | I <sup>2</sup> C                                                    |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EEPROM                                    | Manufacturer Standard Lead Time | 5 Weeks                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Detailed Description            | EEPROM Memory IC 16Kb (2K x 8) I <sup>2</sup> C 400kHz 900ns 8-MSOP |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 400kHz                                    | Base Part Number                | 24LC16B                                                             |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 900ns                                     |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">24LC16B-I/SN</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-E/P</a><br>Description: IC EEPROM 16K I2C 400KHZ 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/SM</a><br>Description: IC EEPROM 128K I2C 400KHZ 8SOIJ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/MS</a><br>Description: IC EEPROM 16K I2C 400KHZ 8MSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">24LC128T-I/SMG</a><br>Description: IC EEPROM 128K I2C 400KHZ 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/S15K</a><br>Description: IC EEPROM 16K I2C 400KHZ WAFER  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/ST</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/ST</a><br>Description: IC EEPROM 128K I2C 8TSSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-E/ST</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/P</a><br>Description: IC EEPROM 16K I2C 400KHZ 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/MNY</a><br>Description: IC EEPROM 128K I2C 400KHZ 8TDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/MF</a><br>Description: IC EEPROM 128K I2C 400KHZ 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/MC</a><br>Description: IC EEPROM 16K I2C 400KHZ 8DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-I/SNG</a><br>Description: IC EEPROM 16KBIT 400KHZ 8SOIC    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">24LC16B-E/SN</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/ST14</a><br>Description: IC EEPROM 128K I2C 14TSSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-E/ST</a><br>Description: IC EEPROM 128K I2C 8TSSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/MS</a><br>Description: IC EEPROM 128KBIT 400KHZ 8MSOP   | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">24LC128T-I/SN</a><br>Description: IC EEPROM 128K I2C 400KHZ 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for 24LC16B-E/MS

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