

AT24C16D-SSHM-B



Part Number: [AT24C16D-SSHM-B](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC EEPROM 16K I2C 1MHZ 8SOIC

Data sheet:  [AT24C16D](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AT24C16D-SSHM-B                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC EEPROM 16K I2C 1MHZ 8SOIC              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 407659 pcs                                | Data sheet                      | <a href="#">AT24C16D</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page   | 5ms                                                               |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.7 V ~ 3.6 V                             | Technology                      | EEPROM                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-SOIC                                    | Series                          | -                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                      | Package / Case                  | 8-SOIC (0.154", 3.90mm Width)                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TC)                         | Mounting Type                   | Surface Mount                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Memory Type                     | Non-Volatile                                                      |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16Kb (2K x 8)                             | Memory Interface                | I <sup>2</sup> C                                                  |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EEPROM                                    | Manufacturer Standard Lead Time | 6 Weeks                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description            | EEPROM Memory IC 16Kb (2K x 8) I <sup>2</sup> C 1MHz 450ns 8-SOIC |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1MHz                                      | Base Part Number                | AT24C16                                                           |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 450ns                                     |                                 |                                                                   |
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|  | Part#: <a href="#">AT24C16C-XHM-B</a><br>Description: IC EEPROM 16K I2C 1MHZ 8TSSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT24C16N-10SC-2.7</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT24C16D-STUM-T</a><br>Description: IC EEPROM 16K I2C 1MHZ SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT24C16N-10SC-2.5</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT24C16N-10SC-1.8</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT24C16D-PUM</a><br>Description: IC EEPROM 16K I2C 1MHZ 8DIP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT24C16D-MAHM-E</a><br>Description: IC EEPROM 16KB I2C 1MHZ 8UDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT24C16N-10SC</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT24C16D-MAHM-T</a><br>Description: IC EEPROM 16K I2C 1MHZ 8UDFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT24C16D-XHM-B</a><br>Description: IC EEPROM 16K I2C 1MHZ 8TSSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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