

24AA16T-I/CS16K



Part Number: [24AA16T-I/CS16K](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC EEPROM 16K I2C 400KHZ 5CSP

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

RoHs Status: Lead free / RoHS Compliant

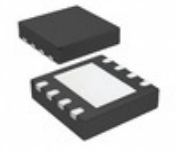
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                                |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24AA16T-I/CS16K                                       | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC EEPROM 16K I2C 400KHZ 5CSP                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4182 pcs                                              | Data sheet                     | <a href="#">24AA16, 24LC16B</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>             | Write Cycle Time - Word, Page  | 5ms                                           |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.7 V ~ 5.5 V                                         | Technology                     | EEPROM                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5-CSP                                                 | Series                         | -                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                      | Package / Case                 | 5-UFBGA, CSPBGA                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                                     | Mounting Type                  | Surface Mount                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                                         | Memory Type                    | Non-Volatile                                  |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16Kb (2K x 8)                                         | Memory Interface               | I²C                                           |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EEPROM                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EEPROM Memory IC 16Kb (2K x 8) I²C 400kHz 900ns 5-CSP | Clock Frequency                | 400kHz                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 24AA16                                                | Access Time                    | 900ns                                         |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">24AA16HT-I/SN</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA256-E/MS</a><br>Description: IC EEPROM 256K I2C 400KHZ 8MSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA256-E/P</a><br>Description: IC EEPROM 256K I2C 400KHZ 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-E/SN</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-E/MNY</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/MC</a><br>Description: IC EEPROM 16K I2C 400KHZ 8DFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA256-E/SM</a><br>Description: IC EEPROM 256K I2C 400KHZ 8SOIJ    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/MS</a><br>Description: IC EEPROM 16K I2C 400KHZ 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16SC-I/W16K</a><br>Description: IC EEPROM 16K I2C 400KHZ WAFER  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-E/MS</a><br>Description: IC EEPROM 16K I2C 400KHZ 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16SC-I/WF16K</a><br>Description: IC EEPROM 16K I2C 400KHZ WAFER | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA256-E/MF</a><br>Description: IC EEPROM 256K I2C 400KHZ 8DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/MNY</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-E/ST</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TSSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/ST</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TSSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-E/OT</a><br>Description: IC EEPROM 16K I2C SOT23-5          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16HT-I/ST</a><br>Description: IC EEPROM 16K I2C 400KHZ 8TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/OT</a><br>Description: IC EEPROM 16KBIT 400KHZ SOT23-5    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16T-I/SN</a><br>Description: IC EEPROM 16K I2C 400KHZ 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">24AA16SC-I/S16K</a><br>Description: IC EEPROM 16K I2C 400KHZ WAFER  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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|-----------------------------------------------|--------------------------------------|--------------------------------------------------------|-----------------------|
| Related keywords for <b>24AA16T-I/CS16K</b>   |                                      |                                                        |                       |
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