

AT88SC1616C-SH-T



Part Number: [AT88SC1616C-SH-T](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC EEPROM 16K I2C 5MHZ 8SOIC

Data sheet:  [CryptoMemory Datasheet](#)  
 [AT88SC1616C Summary](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

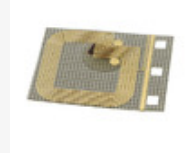
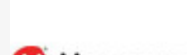
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                                     |                                  |                                                                               |
|---------------------------------|-----------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                     | AT88SC1616C-SH-T                                    | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                 |
| Description                     | IC EEPROM 16K I2C 5MHZ 8SOIC                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available              | 77907 pcs                                           | Data sheet                       | <a href="#">CryptoMemory Datasheet</a><br><a href="#">AT88SC1616C Summary</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>           | Write Cycle Time - Word, Page    | 5ms                                                                           |
| Voltage - Supply                | 2.7 V ~ 5.5 V                                       | Technology                       | EEPROM                                                                        |
| Supplier Device Package         | 8-SOIC                                              | Series                           | CryptoMemory®                                                                 |
| Packaging                       | Cut Tape (CT)                                       | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                                                 |
| Other Names                     | AT88SC1616C-SH-TCT                                  | Operating Temperature            | -40°C ~ 85°C (TC)                                                             |
| 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                                                                        |
| Manufacturer Standard Lead Time | 6 Weeks                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Detailed Description            | EEPROM Memory IC 16Kb (2K x 8) I²C 5MHz 35µs 8-SOIC | Clock Frequency                  | 5MHz                                                                          |
| Base Part Number                | AT88SC1616                                          | Access Time                      | 35µs                                                                          |

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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT88SC25616C-PU</a><br>Description: IC EEPROM 256K I2C 5MHZ 8DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616CRF-MX1</a><br>Description: IC EEPROM 16KBIT 13MHZ TAG       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC25616C-CI</a><br>Description: IC EEPROM 256K I2C 5MHZ 8LAP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC25616C-MJTG</a><br>Description: IC EEPROM 256K I2C 5MHZ M2 J     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-MP</a><br>Description: IC EEPROM 16K I2C 5MHZ M2 P         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC12816C-PU</a><br>Description: IC EEPROM 128K I2C 5MHZ 8DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-SH</a><br>Description: IC EEPROM 16K I2C 5MHZ 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC12816C-SU</a><br>Description: IC EEPROM 128K I2C 5MHZ 8SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-MJTG</a><br>Description: IC EEPROM 16K I2C 5MHZ M2 J       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-PIA</a><br>Description: IC EEPROM 16K I2C 5MHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-PU</a><br>Description: IC EEPROM 16K I2C 5MHZ 8DIP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-CI</a><br>Description: IC EEPROM 16K I2C 5MHZ 8LAP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616CRF-MR1</a><br>Description: IC EEPROM 16KBIT 13MHZ M5R       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616CRF-MY1</a><br>Description: IC EEPROM 16KBIT 13MHZ TAG       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC25616C-DK</a><br>Description: KIT DEV CRYPTOMEMORY SMARTCARD     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616CRF-MVB1G</a><br>Description: CRYPTOMEMORY 16KBIT 16ZONE MVB | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC25616C-MJ</a><br>Description: IC EEPROM 256K I2C 5MHZ M2 J       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-MPTG</a><br>Description: IC EEPROM 16K I2C 5MHZ M2 P       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-MJ</a><br>Description: IC EEPROM 16K I2C 5MHZ M2 J         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT88SC1616C-SU</a><br>Description: IC EEPROM 16K I2C 5MHZ 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for AT88SC1616C-SH-T          |                                       |                                        |                        |
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