

MICROCHIP

Micrel / Microchip Technology



## AT24C512-10TU-1.8

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT24C512-10TU-1.8                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC EEPROM 512K I2C 8TSSOP                                                                                               |
| Datasheets:         |  <a href="#">AT24C512-10TU-1.8.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 3620 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

### Specifications of AT24C512-10TU-1.8

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT24C512-10TU-1.8                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC EEPROM 512K I2C 8TSSOP                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 3620 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">AT24C512-10TU-1.8.pdf</a> |
| WRITE CYCLE TIME - WORD, PAGE    | 10ms                                                                                                                      |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                             |
| TECHNOLOGY                       | EEPROM                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-TSSOP                                                                                                                   |
| SERIES                           | -                                                                                                                         |
| PACKAGING                        | Tube                                                                                                                      |
| PACKAGE / CASE                   | 8-TSSOP (0.173", 4.40mm Width)                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| MEMORY TYPE                      | Non-Volatile                                                                                                              |
| MEMORY SIZE                      | 512Kb (64K x 8)                                                                                                           |
| MEMORY INTERFACE                 | I²C                                                                                                                       |
| MEMORY FORMAT                    | EEPROM                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DETAILED DESCRIPTION             | EEPROM Memory IC 512Kb (64K x 8) I²C 400kHz 900ns 8-TSSOP                                                                 |
| CLOCK FREQUENCY                  | 400kHz                                                                                                                    |
| BASE PART NUMBER                 | AT24C512                                                                                                                  |
| ACCESS TIME                      | 900ns                                                                                                                     |

### Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT24C512-10TU-1.8 | AT24C512-10TU-1.8 Distributor          | AT24C512-10TU-1.8 Supplier                               |
| AT24C512-10TU-1.8 Price                         | AT24C512-10TU-1.8 Pictures             | AT24C512-10TU-1.8 Image                                  |
| AT24C512-10TU-1.8 PDF Datasheet                 | AT24C512-10TU-1.8 Download Datasheet   | AT24C512-10TU-1.8 Datasheet                              |
| AT24C512-10TU-1.8 Stock                         | Buy AT24C512-10TU-1.8                  | Buy Micrel / Microchip Technology AT24C512-10TU-1.8      |
| Micrel / Microchip Technology AT24C512-10TU-1.8 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT24C512-10TU-1.8 | Microchip Technology AT24C512-10TU-1.8 | Roving Networks / Microchip Technology AT24C512-10TU-1.8 |

### Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                      |
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| <div>MICROCHIP</div> <div><b>AT24C512-10TI-2.7-T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8TSSOP<br/>In stock: 3985 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>AT24C512-10PU-2.7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8DIP<br/>In stock: 6923 pcs</div> <div>RFQ</div>     |
| <div>MICROCHIP</div> <div><b>AT24C512-10PI-2.7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8DIP<br/>In stock: 5062 pcs</div> <div>RFQ</div>     | <div>MICROCHIP</div> <div><b>AT24C512-10TI-2.7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8TSSOP<br/>In stock: 3775 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>AT24C512-10PU-1.8</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DIP<br/>In stock: 2963 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div><b>AT24C512-10UI-2.7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8DBGA<br/>In stock: 3826 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div><b>AT24C512-10TU-2.7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8TSSOP<br/>In stock: 3648 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div><b>AT24C512-10TU-2.7-T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8TSSOP<br/>In stock: 5023 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>AT24C512B-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 1MHZ 8DIP<br/>In stock: 4948 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>AT24C512-10TU-1.8-T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 8TSSOP<br/>In stock: 3246 pcs</div> <div>RFQ</div>      |
| <div>MICROCHIP</div> <div><b>AT24C512-10TI-1.8</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 8TSSOP<br/>In stock: 5891 pcs</div> <div>RFQ</div>        | <div>MICROCHIP</div> <div><b>AT24C512-10UI-1.8</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DBGA<br/>In stock: 5625 pcs</div> <div>RFQ</div>  |