



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## 24LC512T-E/SM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 24LC512T-E/SM                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC EEPROM 512K I2C 400KHZ 8SOIJ                                                                              |
| Datasheets:         |  24LC512T-E/SM.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

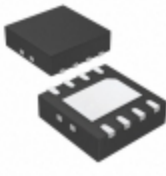
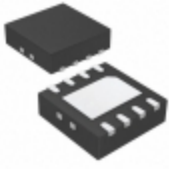
### Specifications of 24LC512T-E/SM

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 24LC512T-E/SM                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC EEPROM 512K I2C 400KHZ 8SOIJ                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  24LC512T-E/SM.pdf |
| WRITE CYCLE TIME - WORD, PAGE    | 5ms                                                                                                   |
| VOLTAGE - SUPPLY                 | 2.5 V ~ 5.5 V                                                                                         |
| TECHNOLOGY                       | EEPROM                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SOIJ                                                                                                |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.209", 5.30mm Width)                                                                         |
| OTHER NAMES                      | 24LC512T-E/SM-ND<br>24LC512T-E/SMTR                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°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                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DETAILED DESCRIPTION             | EEPROM Memory IC 512Kb (64K x 8) I²C 400kHz 900ns 8-SOIJ                                              |
| CLOCK FREQUENCY                  | 400kHz                                                                                                |
| BASE PART NUMBER                 | 24LC512                                                                                               |
| ACCESS TIME                      | 900ns                                                                                                 |

### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology 24LC512T-E/SM | 24LC512T-E/SM Distributor              | 24LC512T-E/SM Supplier                               |
| 24LC512T-E/SM Price                         | 24LC512T-E/SM Pictures                 | 24LC512T-E/SM Image                                  |
| 24LC512T-E/SM PDF Datasheet                 | 24LC512T-E/SM Download Datasheet       | 24LC512T-E/SM Datasheet                              |
| 24LC512T-E/SM Stock                         | Buy 24LC512T-E/SM                      | Buy Micrel / Microchip Technology 24LC512T-E/SM      |
| Micrel / Microchip Technology 24LC512T-E/SM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology 24LC512T-E/SM | Microchip Technology 24LC512T-E/SM     | Roving Networks / Microchip Technology 24LC512T-E/SM |

### Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>24LC512T-I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>24LC512T-E/ST14</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>24LC512T-I/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: Out stock</div> <div>RFQ</div>           | <div></div> <div><b>24LC512T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DFN<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>24LC512T-E/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: Out stock</div> <div>RFQ</div>           | <div></div> <div><b>24LC512-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>24LC512T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 8TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>       | <div></div> <div><b>24LC512-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 8TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>       |
| <div></div> <div><b>24LC512T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DFN<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>24LC512-I/ST14</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: 14 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>24LC512T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>24LC512-I/ST14G</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   |