

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

24LC512T-E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 24LC512T-E/ST                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC EEPROM 512K I2C 8TSSOP                                                                                    |
| Datasheets:         |  24LC512T-E/ST.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 61504 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 24LC512T-E/ST

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 24LC512T-E/ST                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC EEPROM 512K I2C 8TSSOP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 61504 pcs                                                                                             |
| DATA SHEET                       |  24LC512T-E/ST.pdf |
| WRITE CYCLE TIME - WORD, PAGE    | 5ms                                                                                                   |
| VOLTAGE - SUPPLY                 | 2.5 V ~ 5.5 V                                                                                         |
| TECHNOLOGY                       | EEPROM                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-TSSOP                                                                                               |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-TSSOP (0.173", 4.40mm Width)                                                                        |
| 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                                                                                                |
| 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                 | 24LC512                                                                                               |
| ACCESS TIME                      | 900ns                                                                                                 |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>24LC512T-E/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: 77046 pcs<br/>RFQ</div>           |  <div><b>24LC512T-I/SMG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: 5773 pcs<br/>RFQ</div> |
|  <div><b>24LC512T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DFN<br/>In stock: 59434 pcs<br/>RFQ</div>  |  <div><b>24LC512T-I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: 73227 pcs<br/>RFQ</div> |
|  <div><b>24LC512T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIC<br/>In stock: 64664 pcs<br/>RFQ</div> |  <div><b>24LC512-I/ST14</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: 61593 pcs<br/>RFQ</div>     |
|  <div><b>24LC512-I/ST14G</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: 65966 pcs<br/>RFQ</div>    |  <div><b>24LC512T-E/ST14</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: 69744 pcs<br/>RFQ</div>    |
|  <div><b>24LC512T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIC<br/>In stock: 63445 pcs<br/>RFQ</div> |  <div><b>24LC512T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DFN<br/>In stock: 70671 pcs<br/>RFQ</div>  |
|  <div><b>24LC512T-I/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: 69170 pcs<br/>RFQ</div>           |  <div><b>24LC512T-E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: 65090 pcs<br/>RFQ</div> |