

24LC512-I/ST



Part Number: 24LC512-I/ST

Manufacturer: Micrel / Microchip Technology

Description: IC EEPROM 512K I2C 8TSSOP

Data sheet:  24AA512, 24LC512, 24FC512

RoHS Status: Lead free / RoHS Compliant

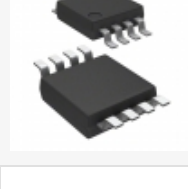
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | 24LC512-I/ST                                              | Manufacturer                     | Micrel / Microchip Technology  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC EEPROM 512K I2C 8TSSOP                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 75416 pcs                                                 | Data sheet                       | 24AA512, 24LC512, 24FC512      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)                                 | Write Cycle Time - Word, Page    | 5ms                            |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.5 V ~ 5.5 V                                             | Technology                       | EEPROM                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 8-TSSOP                                                   | Series                           | -                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                                      | Package / Case                   | 8-TSSOP (0.173", 4.40mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                           | 24LC512IST                                                | 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                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                       | 7 Weeks                                                   | 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                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 75416 pieces of Micrel / Microchip Technology 24LC512-I/ST in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                           |                                  |                                |

| RELATED PRODUCTS                                                                   |                                                                      |                                              |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: 24LC512-I/PG<br>Description: IC EEPROM 512K I2C 400KHZ 8DIP   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-E/MS<br>Description: IC EEPROM 512KBIT 400KHZ 8MSOP  | Manufacturers: Microchip Technology          | RFQ |
|  | Part#: 24LC512T-I/MS<br>Description: IC EEPROM 512KBIT 400KHZ 8MSOP  | Manufacturers: Microchip Technology          | RFQ |
|  | Part#: 24LC512-I/SMG<br>Description: IC EEPROM 512KBIT 400KHZ 8SOIJ  | Manufacturers: Microchip Technology          | RFQ |
|  | Part#: 24LC512T-E/MF<br>Description: IC EEPROM 512K I2C 400KHZ 8DFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/P<br>Description: IC EEPROM 512K I2C 400KHZ 8DIP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/ST14<br>Description: IC EEPROM 512K I2C 14TSSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-E/SM<br>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-E/SN<br>Description: IC EEPROM 512K I2C 400KHZ 8SOIC | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/MS<br>Description: IC EEPROM 512KBIT 400KHZ 8MSOP   | Manufacturers: Microchip Technology          | RFQ |
|  | Part#: 24LC512-I/SM<br>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/ST14G<br>Description: IC EEPROM 512K I2C 14TSSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-E/ST<br>Description: IC EEPROM 512K I2C 8TSSOP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-E/SN<br>Description: IC EEPROM 512K I2C 400KHZ 8SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-E/ST14<br>Description: IC EEPROM 512K I2C 14TSSOP    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-E/ST14<br>Description: IC EEPROM 512K I2C 14TSSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/SN<br>Description: IC EEPROM 512K I2C 400KHZ 8SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512T-I/MF<br>Description: IC EEPROM 512K I2C 400KHZ 8DFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-I/MF<br>Description: IC EEPROM 512K I2C 400KHZ 8DFN   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: 24LC512-E/ST<br>Description: IC EEPROM 512K I2C 8TSSOP        | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for 24LC512-I/ST

|                                            |                                   |                                                     |                    |
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| Micrel / Microchip Technology 24LC512-I/ST | 24LC512-I/ST distributor          | 24LC512-I/ST supplier                               | 24LC512-I/ST price |
| 24LC512-I/ST download datasheet            | 24LC512-I/ST datasheet            | 24LC512-I/ST stock                                  | buy 24LC512-I/ST   |
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