

MICROCHIP

Micrel / Microchip Technology

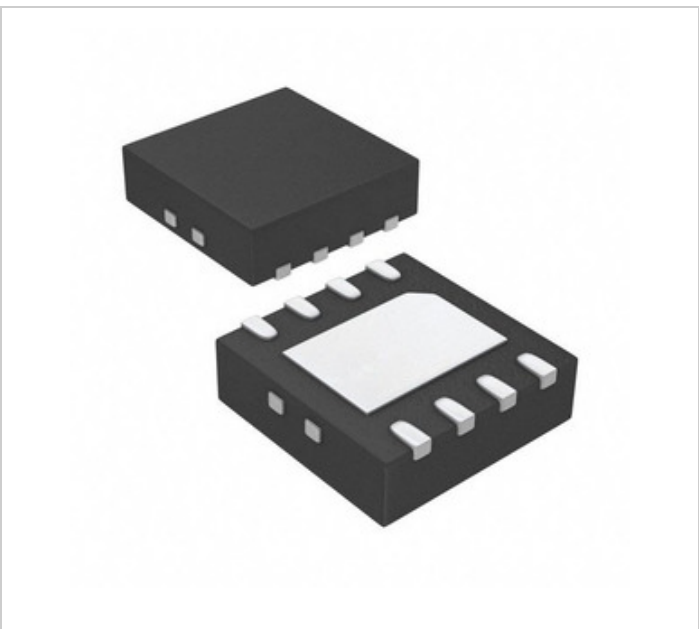


Image may be representation. See specifications for product details.

## 24LC512-I/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 24LC512-I/MF                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC EEPROM 512K I2C 400KHZ 8DFN                                                                               |
| Datasheets:         |  24LC512-I/MF.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

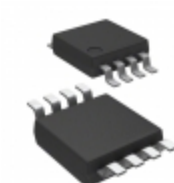
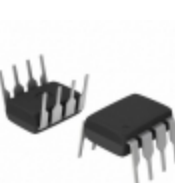
### Specifications of 24LC512-I/MF

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 24LC512-I/MF                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                        |
| DESCRIPTION                      | IC EEPROM 512K I2C 400KHZ 8DFN                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       |  24LC512-I/MF.pdf |
| WRITE CYCLE TIME - WORD, PAGE    | 5ms                                                                                                  |
| VOLTAGE - SUPPLY                 | 2.5 V ~ 5.5 V                                                                                        |
| TECHNOLOGY                       | EEPROM                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-S (6x5)                                                                                        |
| SERIES                           | -                                                                                                    |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                   |
| OTHER NAMES                      | 24LC512IMF                                                                                           |
| 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  | 4 Weeks                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DETAILED DESCRIPTION             | EEPROM Memory IC 512Kb (64K x 8) I²C 400kHz 900ns 8-DFN-S (6x5)                                      |
| CLOCK FREQUENCY                  | 400kHz                                                                                               |
| BASE PART NUMBER                 | 24LC512                                                                                              |
| ACCESS TIME                      | 900ns                                                                                                |

### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology 24LC512-I/MF | 24LC512-I/MF Distributor               | 24LC512-I/MF Supplier                               |
| 24LC512-I/MF Price                         | 24LC512-I/MF Pictures                  | 24LC512-I/MF Image                                  |
| 24LC512-I/MF PDF Datasheet                 | 24LC512-I/MF Download Datasheet        | 24LC512-I/MF Datasheet                              |
| 24LC512-I/MF Stock                         | Buy 24LC512-I/MF                       | Buy Micrel / Microchip Technology 24LC512-I/MF      |
| Micrel / Microchip Technology 24LC512-I/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology 24LC512-I/MF | Microchip Technology 24LC512-I/MF      | Roving Networks / Microchip Technology 24LC512-I/MF |

### Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>24LC512-I/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>24LC512-E/ST14</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 14TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></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<br/><div>RFQ</div></div> | <div></div> <div><b>24LC512-E/MS</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
| <div></div> <div><b>24LC512-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>24LC512-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DIP<br/>In stock: 71 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>24LC512-I/SMG</b><br/>Manufacturers: Microchip Technology<br/>Description: IC EEPROM 512KBIT 400KHZ 8SOIJ<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>24LC512-I/PG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8DIP<br/>In stock: 259 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>24LC512-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 8TSSOP<br/>In stock: 340 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>24LC512-E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>24LC512-I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIJ<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>24LC512-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC EEPROM 512K I2C 400KHZ 8SOIC<br/>In stock: 183 pcs<br/><div>RFQ</div></div>   |