




Micrel / Microchip Technology

AT24C512BW-SH25-B

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| Part Number: | AT24C512BW-SH25-B |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC EEPROM 512K I2C 1MHZ 8SOIC |
| Datasheets: | PDF AT24C512BW-SH25-B.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| 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 AT24C512BW-SH25-B

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|----------------------------------|---|
| PART NUMBER | AT24C512BW-SH25-B |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC EEPROM 512K I2C 1MHZ 8SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF AT24C512BW-SH25-B.pdf |
| WRITE CYCLE TIME - WORD, PAGE | 5ms |
| VOLTAGE - SUPPLY | 2.5 V ~ 5.5 V |
| TECHNOLOGY | EEPROM |
| SUPPLIER DEVICE PACKAGE | 8-SOIC |
| SERIES | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-SOIC (0.209", 5.30mm 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 | I ² C |
| MEMORY FORMAT | EEPROM |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DETAILED DESCRIPTION | EEPROM Memory IC 512Kb (64K x 8) I ² C 1MHz 550ns 8-SOIC |
| CLOCK FREQUENCY | 1MHz |
| BASE PART NUMBER | AT24C512 |
| ACCESS TIME | 550ns |

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