

AT89S51-24JC



Part Number: [AT89S51-24JC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 44PLCC

Data sheet:  [AT89S51](#)

RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AT89S51-24JC                              | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 8BIT 4KB FLASH 44PLCC              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5615 pcs                                  | Data sheet                     | <a href="#">AT89S51</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4 V ~ 5.5 V                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44-PLCC (16.59x16.59)                     | Speed                          | 24MHz                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 89S                                       | RAM Size                       | 128 x 8                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 4KB (4K x 8)                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WDT                                       | Packaging                      | Tube                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 44-LCC (J-Lead)                           | Oscillator Type                | Internal                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 70°C (TA)                           | Number of I/O                  | 32                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2 (1 Year)                                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | 8051 89S Microcontroller IC 8-Bit 24MHz 4KB (4K x 8) FLASH 44-PLCC (16.59x16.59) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Core Size                      | 8-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8051                                      | Connectivity                   | UART/USART                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AT89S51                                   |                                |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT89S51-24AI</a><br>Description: IC MCU 8BIT 4KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S52-24AI</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24JI</a><br>Description: IC MCU 8BIT 4KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24PU</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S4051-24SUR</a><br>Description: IC MCU 8BIT 4KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24PC</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24JU</a><br>Description: IC MCU 8BIT 4KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S2051-24PU</a><br>Description: IC MCU 8BIT 2KB FLASH 20DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S4051-24SU</a><br>Description: IC MCU 8BIT 4KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24PI</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S52-24AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S52-24JC</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89RFD-06</a><br>Description: KIT REFERENCE DESIGN PCMCIA RDR   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S2051-24SU</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S52-24AC</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24AC</a><br>Description: IC MCU 8BIT 4KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S52-24AU</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S4051-24PU</a><br>Description: IC MCU 8BIT 4KB FLASH 20DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89S51-24AU</a><br>Description: IC MCU 8BIT 4KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89RFD-08</a><br>Description: REF DESIGN REMOTE MP3 PLAYER      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for **AT89S51-24JC**

|                                            |                                   |                                                     |                    |
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