

AT89LS52-16JC



Part Number: [AT89LS52-16JC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 8KB FLASH 44PLCC

Data sheet:  [AT89LS52](#)

RoHS Status: Contains lead / RoHS non-compliant

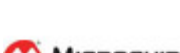
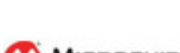
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | AT89LS52-16JC                             | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 8KB FLASH 44PLCC              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 5178 pcs                                  | Data sheet                     | <a href="#">AT89LS52</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 4 V                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 44-PLCC (16.59x16.59)                     | Speed                          | 16MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | 89LS                                      | RAM Size                       | 256 x 8                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                   | FLASH                                     | Program Memory Size            | 8KB (8K 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 89LS Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 44-PLCC (16.59x16.59) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Core Size                      | 8-Bit                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                        | 8051                                      | Connectivity                   | UART/USART                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | AT89LS52                                  |                                |                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT89LS51-16PC</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12AI</a><br>Description: IC MCU 8BIT 12KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS51-16PU</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12JC</a><br>Description: IC MCU 8BIT 12KB FLASH 44PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16JI</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12JI</a><br>Description: IC MCU 8BIT 12KB FLASH 44PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16AI</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS51-16JU</a><br>Description: IC MCU 8BIT 4KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16PU</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16AC</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12PC</a><br>Description: IC MCU 8BIT 12KB FLASH 40DIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16JU</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS51-16JI</a><br>Description: IC MCU 8BIT 4KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16PC</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12AC</a><br>Description: IC MCU 8BIT 12KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS51-16PI</a><br>Description: IC MCU 8BIT 4KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16PI</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS51-16JC</a><br>Description: IC MCU 8BIT 4KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS52-16AU</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for AT89LS52-16JC

|                                             |                                    |                                                      |                     |
|---------------------------------------------|------------------------------------|------------------------------------------------------|---------------------|
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