

AT89LS53-12AI





Part Number: [AT89LS53-12AI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 12KB FLASH 44TQFP

Data sheet:  [AT89LS53](#)

RoHs Status: Contains lead / RoHS non-compliant

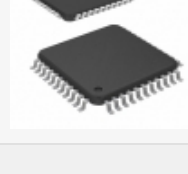
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               |                                  |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AT89LS53-12AI                                                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 8BIT 12KB FLASH 44TQFP                                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5467 pcs                                                                      | Data sheet                       | <a href="#">AT89LS53</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 6 V                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44-TQFP (10x10)                                                               | Speed                            | 12MHz                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 89LS                                                                          | RAM Size                         | 256 x 8                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FLASH                                                                         | Program Memory Size              | 12KB (12K x 8)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | POR, WDT                                                                      | Packaging                        | Tray                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44-TQFP                                                                       | Other Names                      | AT89LS5312AI                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Internal                                                                      | Operating Temperature            | -40°C ~ 85°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32                                                                            | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant                                            | EEPROM Size                      | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8051 89LS Microcontroller IC 8-Bit 12MHz 12KB (12K x 8) FLASH 44-TQFP (10x10) | Data Converters                  | -                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-Bit                                                                         | Core Processor                   | 8051                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SPI, UART/USART                                                               | Base Part Number                 | AT89LS53                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5467 pieces of Micrel / Microchip Technology AT89LS53-12AI 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                               |                                  |                                               |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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="#">AT89LS52-16JI</a><br>Description: IC MCU 8BIT 8KB 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="#">AT89LS52-16AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS8252-12PI</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP  | 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="#">AT89LS52-16PU</a><br>Description: IC MCU 8BIT 8KB 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="#">AT89LS8252-12PC</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89LS53-12PI</a><br>Description: IC MCU 8BIT 12KB FLASH 40DIP   | 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> |
|  | 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="#">AT89LS53-12JI</a><br>Description: IC MCU 8BIT 12KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT89LS52-16JC</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC   | 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="#">AT89LS8252-12AC</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for AT89LS53-12AI          |                                    |                                                      |                     |
|---------------------------------------------|------------------------------------|------------------------------------------------------|---------------------|
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