

AT89LP2052-16PI



Part Number: [AT89LP2052-16PI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 2KB FLASH 20DIP

Data sheet:

RoHs Status: Contains lead / RoHS non-compliant

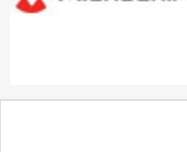
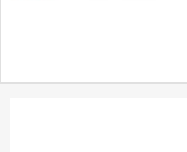
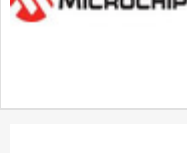
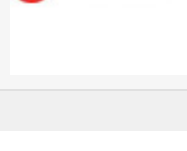
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                                  |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | AT89LP2052-16PI                                                     | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 2KB FLASH 20DIP                                         | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 5366 pcs                                                            | Data sheet                       |                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply (Vcc/Vdd)       | 2.4 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 20-PDIP                                                             | Speed                            | 16MHz                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | 89LP                                                                | RAM Size                         | 256 x 8                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                               | Program Memory Size              | 2KB (2K x 8)                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                               | Packaging                        | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 20-DIP (0.300", 7.62mm)                                             | Other Names                      | AT89LP2052-20PI<br>AT89LP2052-20PI-ND         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                            | Operating Temperature            | -40°C ~ 85°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                           | 15                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant                                  | EEPROM Size                      | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                    | 8051 89LP Microcontroller IC 8-Bit 16MHz 2KB (2K x 8) FLASH 20-PDIP | Data Converters                  | -                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                               | Core Processor                   | 8051                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                            | SPI, UART/USART                                                     | Base Part Number                 | AT89LP2052                                    |
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|  | Part#: <a href="#">AT89C55WD-24PI</a><br>Description: IC MCU 8BIT 20KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">AT89LP2052-20SU</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">AT89LP2052-16SU</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89LP2052-20XU</a><br>Description: IC MCU 8BIT 2KB FLASH 20TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89EVK-01</a><br>Description: KIT EVAL FOR AT83C24 FOR TDA8004   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89LP2052-16XU</a><br>Description: IC MCU 8BIT 2KB FLASH 20TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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| Related keywords for AT89LP2052-16PI          |                                      |                                        |                       |
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