

AT89C5131A-PLTUL



Part Number: [AT89C5131A-PLTUL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 48QFN

Data sheet:  [AT89C5131A-L Preliminary Summary](#)  
 [AT89C5131A-L Errata](#)

RoHs Status: Lead free / RoHS Compliant

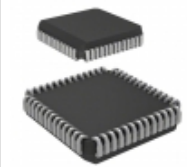
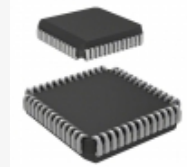
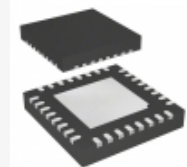
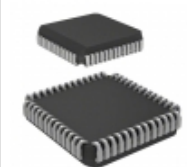
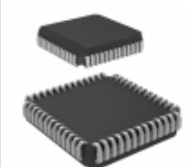
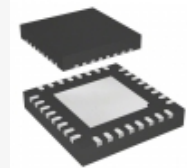
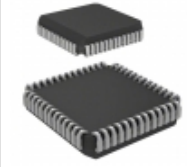
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AT89C5131A-PLTUL                          | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 32KB FLASH 48QFN              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4144 pcs                                  | Data sheet                     | <a href="#">AT89C5131A-L Preliminary Summary</a><br><a href="#">AT89C5131A-L Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 48-QFN (7x7)                              | Speed                          | 48MHz                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AT89C513x                                 | RAM Size                       | 1.25K x 8                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 32KB (32K x 8)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LED, POR, PWM, WDT                        | Packaging                      | Tray                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 48-VFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 34                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                              |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4K x 8                                    | Detailed Description           | 80C51 AT89C513x Microcontroller IC 8-Bit 48MHz 32KB (32K x 8) FLASH 48-QFN (7x7)        |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                      | 8-Bit                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80C51                                     | Connectivity                   | I <sup>2</sup> C, SPI, UART/USART, USB                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AT89C5131                                 |                                |                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT89C5131A-TIRUL</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-PUTUM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-S3SUL</a><br>Description: IC MCU 8BIT 32KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-S3SUM</a><br>Description: IC MCU 8BIT 32KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5130A-RDRUM</a><br>Description: IC MCU 8BIT 16KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5130A-RDTIM</a><br>Description: IC MCU 8BIT 16KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5122DS-RDTUM</a><br>Description: IC MCU 8BIT 32KB FLASH 64VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-PUTIM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5130A-S3SUM</a><br>Description: IC MCU 8BIT 16KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-RDTIL</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-RDTUL</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-PLTIL</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-S3SIM</a><br>Description: IC MCU 8BIT 32KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5130A-PUTUM</a><br>Description: IC MCU 8BIT 16KB FLASH 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-RDTUM</a><br>Description: IC MCU 8BIT 32KB FLASH 64VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5130A-RDTUM</a><br>Description: IC MCU 8BIT 16KB FLASH 64VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5122DS-ALTUM</a><br>Description: IC MCU 8BIT 32KB FLASH 64VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131-TISIL</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131-S3SIL</a><br>Description: IC MCU 8BIT 32KB FLASH 52PLCC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C5131A-TISIL</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for **AT89C5131A-PLTUL**

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