




Micrel / Microchip Technology

## AT89C4051-12PC

|                      |  |
|----------------------|--|
| Part Number:         | AT89C4051-12PC   |
| Manufacturer/Brand:  | Micrel / Microchip Technology  |
| Product description: | IC MCU 8BIT 4KB FLASH 20DIP  |
| Datasheets:          | <a href="#">PDF AT89C4051-12PC.pdf</a>   |
| RoHS Status:         |  Contains lead / RoHS non-compliant |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

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Image may be representation. See specifications for product details.

### Specifications of AT89C4051-12PC

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | AT89C4051-12PC   |
| MANUFACTURER                     | Micrel / Microchip Technology                                      |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20DIP  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                 |
| DATA SHEET                       | <a href="#">PDF AT89C4051-12PC.pdf</a>                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 6 V  |
| SUPPLIER DEVICE PACKAGE          | 20-PDIP  |
| SPEED                            | 12MHz  |
| SERIES                           | 89C  |
| RAM SIZE                         | 128 x 8  |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)   |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR                                   |
| PACKAGING                        | Tube   |
| PACKAGE / CASE                   | 20-DIP (0.300", 7.62mm)  |
| OTHER NAMES                      | AT89C405112PC  |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 89C Microcontroller IC 8-Bit 12MHz 4KB (4K x 8) FLASH 20-PDIP |
| DATA CONVERTERS                  | -  |
| CORE SIZE                        | 8-Bit  |
| CORE PROCESSOR                   | 8051   |
| CONNECTIVITY                     | UART/USART   |
| BASE PART NUMBER                 | AT89C4051  |

### Related Tags

|  |  |   |
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| <a href="#">Micrel / Microchip Technology AT89C4051-12PC</a> | <a href="#">AT89C4051-12PC Distributor</a>             | <a href="#">AT89C4051-12PC Supplier</a>                               |
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### Related Products

|  |   |
|--|---|
|  <p><b>AT89C2051-24SJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>AT89C2051-24SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>AT89C4051-12PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |  <p><b>AT89C4051-12SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20SOIC<br/>In stock: 186 pcs<br/><a href="#">RFQ</a></p>   |
|  <p><b>AT89C2051-24PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |  <p><b>AT89C2051-24PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |
|  <p><b>AT89C4051-24PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |  <p><b>AT89C4051-12SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>AT89C2051-24SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>AT89C4051-12PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |
|  <p><b>AT89C4051-12SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>AT89C2051-24SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |