

AT89C51ED2-RDRIM





Part Number: [AT89C51ED2-RDRIM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 44VQFP

Data sheet:  [AT89C51ED2,RD2](#)

RoHs Status: Contains lead / RoHS non-compliant

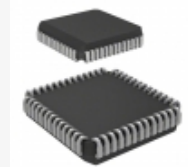
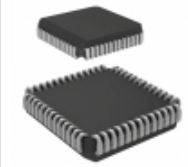
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                               |                                  |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | AT89C51ED2-RDRIM                                                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 64KB FLASH 44VQFP                                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 5601 pcs                                                                      | Data sheet                       | <a href="#">AT89C51ED2,RD2</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-VQFP (10x10)                                                               | Speed                            | 60MHz                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | 89C                                                                           | RAM Size                         | 2K x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                         | Program Memory Size              | 64KB (64K x 8)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                              | POR, PWM, WDT                                                                 | Packaging                        | Tape & Reel (TR)                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 44-LQFP                                                                       | Other Names                      | AT89C51ED2RDRIMTR                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                          | External                                                                      | Operating Temperature            | -40°C ~ 85°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                            | 50                                                                            | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant                                            | EEPROM Size                      | 2K x 8                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | 80C51 89C Microcontroller IC 8-Bit 60MHz 64KB (64K x 8) FLASH 44-VQFP (10x10) | Data Converters                  | -                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                         | Core Processor                   | 80C51                                         |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                             | SPI, UART/USART                                                               | Base Part Number                 | AT89C51ED2                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |     |
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|  | Part#: <a href="#">AT89C51ED2-3CSIM</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-SLRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-3CSUM</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51CC03U-S3RIM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51CC03UA-S3SUM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-RDTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 64VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51CC03UA-RLTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-RDTIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-RDRUM</a><br>Description: IC MCU 8BIT 64KB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-SLSIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">AT89C51CC03U-SLRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51CC03U-RLRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">AT89C51ED2-RLRUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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Related keywords for AT89C51ED2-RDRIM

|                                                |                                       |                                        |                        |
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