

MICROCHIP

Microchip Technology



### AT89C51ID2-SLRUM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT89C51ID2-SLRUM                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 44PLCC                                                                                |
| Datasheets:         |  AT89C51ID2-SLRUM.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7846 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of AT89C51ID2-SLRUM

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT89C51ID2-SLRUM                                                                                         |
| MANUFACTURER                     | Microchip Technology                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 44PLCC                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 7846 pcs                                                                                                 |
| DATA SHEET                       |  AT89C51ID2-SLRUM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                    |
| VOLTAGE - BREAKDOWN              | 44-PLCC (16.59x16.59)                                                                                    |
| SERIES                           | 89C                                                                                                      |
| ROHS STATUS                      | Digi-Reel®                                                                                               |
| REVERSE RECOVERY TIME (TRR)      | 60MHz                                                                                                    |
| REQUIRES                         | POR, PWM, WDT                                                                                            |
| PROGRAM MEMORY TYPE              | 64KB (64K x 8)                                                                                           |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                                                     |
| POLARIZATION                     | 44-LCC (J-Lead)                                                                                          |
| OTHER NAMES                      | 1611-AT89C51ID2-SLRUMDKR                                                                                 |
| OSCILLATOR TYPE                  | -                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| OPERATING SYSTEM                 | 80C51                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| MANUFACTURER PART NUMBER         | AT89C51ID2-SLRUM                                                                                         |
| EXPANDED DESCRIPTION             | 80C51 89C Microcontroller IC 8-Bit 60MHz 64KB (64K x 8) FLASH 44-PLCC (16.59x16.59)                      |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 44PLCC                                                                            |
| DATA SRAM BYTES                  | 2K x 8                                                                                                   |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                                                            |
| CORE SIZE                        | 2K x 8                                                                                                   |
| CONTROLLER SERIES                | External                                                                                                 |
| CONNECTIVITY                     | 8-Bit                                                                                                    |
| CLOCK RATE                       | 34                                                                                                       |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology AT89C51ID2-SLRUM | AT89C51ID2-SLRUM Distributor           | AT89C51ID2-SLRUM Supplier                               |
| AT89C51ID2-SLRUM Price                         | AT89C51ID2-SLRUM Pictures              | AT89C51ID2-SLRUM Image                                  |
| AT89C51ID2-SLRUM PDF Datasheet                 | AT89C51ID2-SLRUM Download Datasheet    | AT89C51ID2-SLRUM Datasheet                              |
| AT89C51ID2-SLRUM Stock                         | Buy AT89C51ID2-SLRUM                   | Buy Micrel / Microchip Technology AT89C51ID2-SLRUM      |
| Micrel / Microchip Technology AT89C51ID2-SLRUM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT89C51ID2-SLRUM | Microchip Technology AT89C51ID2-SLRUM  | Roving Networks / Microchip Technology AT89C51ID2-SLRUM |

#### Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                  |
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| <div>MICROCHIP</div> <div><b>AT89C51RB2-3CSUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 20850 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>AT89C51RB2-3CSIM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 5246 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>AT89C51ID2-SLRUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44PLCC<br/>In stock: 11267 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT89C51RB2-RLRIL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFP<br/>In stock: 5926 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>AT89C51ID2-RLTUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFP<br/>In stock: 9848 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>AT89C51RB2-3CSUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 18113 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>AT89C51ID2-RLRIM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFP<br/>In stock: 3988 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>AT89C51ID2-SLRIM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44PLCC<br/>In stock: 3764 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>AT89C51ID2-SLSUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44PLCC<br/>In stock: 12353 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT89C51ID2-RLTIM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFP<br/>In stock: 3058 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>AT89C51RB2-RLRIM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFP<br/>In stock: 5636 pcs</div> <div>RFQ</div>           | <div></div> <div><b>AT89C51ID2-RLRUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFP<br/>In stock: 13025 pcs</div> <div>RFQ</div>         |