



Micrel / Microchip Technology



AT87C51RD2-RDTUL

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT87C51RD2-RDTUL                                                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                        |
| Product description | IC MCU 8BIT 64KB OTP 64LQFP                                                                                                                                                                                          |
| Datasheets:         |  1.AT87C51RD2-RDTUL.pdf<br> 2.AT87C51RD2-RDTUL.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 5906 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 AT87C51RD2-RDTUL

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT87C51RD2-RDTUL                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 64KB OTP 64LQFP                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 5906 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.AT87C51RD2-RDTUL.pdf<br> 2.AT87C51RD2-RDTUL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                          |
| SPEED                            | 30/20MHz                                                                                                                                                                                                                 |
| SERIES                           | 87C                                                                                                                                                                                                                      |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 48                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | 80C51 87C Microcontroller IC 8-Bit 30/20MHz 64KB (64K x 8) OTP 64-LQFP (10x10)                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | 80C51                                                                                                                                                                                                                    |
| CONNECTIVITY                     | UART/USART                                                                                                                                                                                                               |
| BASE PART NUMBER                 | AT87C51RD2                                                                                                                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology AT87C51RD2-RDTUL | AT87C51RD2-RDTUL Distributor           | AT87C51RD2-RDTUL Supplier                               |
| AT87C51RD2-RDTUL Price                         | AT87C51RD2-RDTUL Pictures              | AT87C51RD2-RDTUL Image                                  |
| AT87C51RD2-RDTUL PDF Datasheet                 | AT87C51RD2-RDTUL Download Datasheet    | AT87C51RD2-RDTUL Datasheet                              |
| AT87C51RD2-RDTUL Stock                         | Buy AT87C51RD2-RDTUL                   | Buy Micrel / Microchip Technology AT87C51RD2-RDTUL      |
| Micrel / Microchip Technology AT87C51RD2-RDTUL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT87C51RD2-RDTUL | Microchip Technology AT87C51RD2-RDTUL  | Roving Networks / Microchip Technology AT87C51RD2-RDTUL |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
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|  <div><b>AT87C51RC2-SLSUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 6298 pcs</div> <div>RFQ</div> |  <div><b>AT87C51RC2-RLTUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: 6454 pcs</div> <div>RFQ</div> |
|  <div><b>AT87C51RD2-3CSUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: 2854 pcs</div> <div>RFQ</div> |  <div><b>AT87C51RD2-RLTUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: 5555 pcs</div> <div>RFQ</div> |
|  <div><b>AT87C51RD2-SLSUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: 4498 pcs</div> <div>RFQ</div> |  <div><b>AT87C51RD2-RLTUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: 6694 pcs</div> <div>RFQ</div> |
|  <div><b>AT87C52X2-3CSUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB OTP 40PDIL<br/>In stock: 3743 pcs</div> <div>RFQ</div>   |  <div><b>AT87C51RC2-RLTUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: 3023 pcs</div> <div>RFQ</div> |
|  <div><b>AT87C51RD2-3CSUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: 5401 pcs</div> <div>RFQ</div> |  <div><b>AT87C51RD2-SLSUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: 3771 pcs</div> <div>RFQ</div> |
|  <div><b>AT87C51RD2-RDTUM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 64LQFP<br/>In stock: 4737 pcs</div> <div>RFQ</div> |  <div><b>AT87C51RC2-SLSUL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 6859 pcs</div> <div>RFQ</div> |