




Micrel / Microchip Technology

T89C51RB2-SLSIM

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| Part Number: | T89C51RB2-SLSIM |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 8BIT 16KB FLASH 44PLCC |
| Datasheets: | 1. T89C51RB2-SLSIM.pdf 2. T89C51RB2-SLSIM.pdf |
| RoHs Status: |  Contains lead / RoHS non-compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.







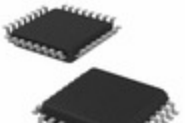
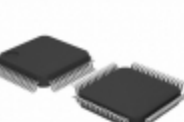

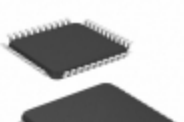
Specifications of T89C51RB2-SLSIM

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|----------------------------------|---|
| PART NUMBER | T89C51RB2-SLSIM |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 8BIT 16KB FLASH 44PLCC |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| DATA SHEET | 1. T89C51RB2-SLSIM.pdf 2. T89C51RB2-SLSIM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 4.5 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 44-PLCC (16.59x16.59) |
| SPEED | 40MHz |
| SERIES | 89C |
| RAM SIZE | 1.25K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 16KB (16K x 8) |
| PERIPHERALS | POR, PWM, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 44-LCC (J-Lead) |
| OSCILLATOR TYPE | External |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 32 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year) |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | 80C51 89C Microcontroller IC 8-Bit 40MHz 16KB (16K x 8) FLASH 44-PLCC (16.59x16.59) |
| DATA CONVERTERS | - |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | 80C51 |
| CONNECTIVITY | SPI, UART/USART |
| BASE PART NUMBER | T89C51RB2 |

Related Tags

| | | |
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| Micrel / Microchip Technology T89C51RB2-SLSIM | Microchip Technology T89C51RB2-SLSIM | Roving Networks / Microchip Technology T89C51RB2-SLSIM |

Related Products

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|---|--|
|  <p>T89C51RC2-SLSIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44PLCC In stock: Out stock RFQ</p> |  <p>T89C51RD2-SLSIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44PLCC In stock: Out stock RFQ</p> |
|  <p>T89C51CC02UA-SISIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 28PLCC In stock: Out stock RFQ</p> |  <p>T89C51RB2-RLTIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFP In stock: Out stock RFQ</p> |
|  <p>T89C51CC02UA-TDSIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 24SO In stock: Out stock RFQ</p> |  <p>T89C51RD2-SMSIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 68PLCC In stock: Out stock RFQ</p> |
|  <p>T89C51CC02UA-SITIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 28PLCC In stock: Out stock RFQ</p> |  <p>T89C51CC02UA-RATIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32VQFP In stock: Out stock RFQ</p> |
|  <p>T89C51RD2-RDTIL Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44VQFP In stock: Out stock RFQ</p> |  <p>T89C51CC02UA-TISIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 28SOIC In stock: Out stock RFQ</p> |
|  <p>T89C51RC2-RLTIM Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44VQFP In stock: Out stock RFQ</p> |  <p>T89D Manufacturers: HellermannTyton Description: STANDOFF BRACKET FOR 66 BLOCKS In stock: Out stock RFQ</p> |