



Micrel / Microchip Technology

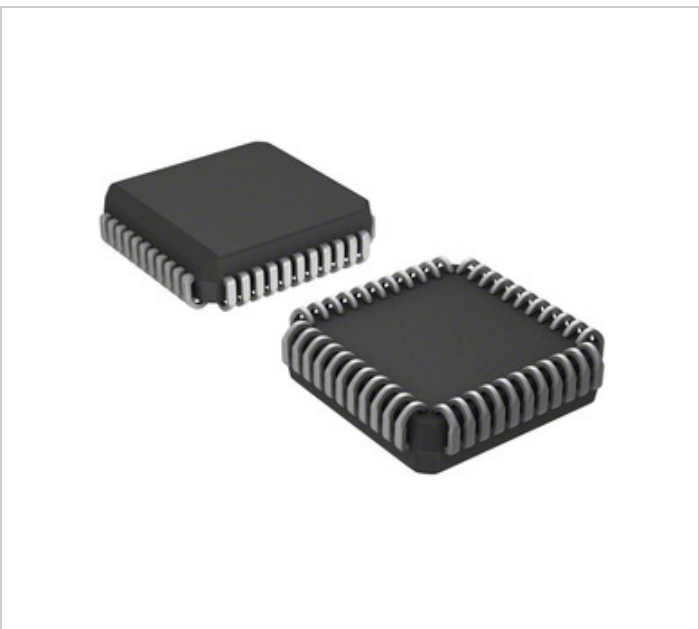


Image may be representation. See specifications for product details.

TS87C51RD2-LCB

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TS87C51RD2-LCB                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 64KB OTP 44PLCC                                                                                          |
|                     |  1.TS87C51RD2-LCB.pdf               |
|                     |  2.TS87C51RD2-LCB.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

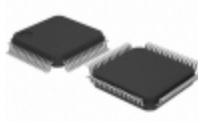
Specifications of TS87C51RD2-LCB

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TS87C51RD2-LCB                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 64KB OTP 44PLCC                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DATA SHEET                       |  1.TS87C51RD2-LCB.pdf<br> 2.TS87C51RD2-LCB.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                                                                                                                                                                |
| 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                        | Tube                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 87C Microcontroller IC 8-Bit 30/20MHz 64KB (64K x 8) OTP 44-PLCC (16.59x16.59)                                                                                                                                 |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | 80C51                                                                                                                                                                                                                |
| CONNECTIVITY                     | UART/USART                                                                                                                                                                                                           |
| BASE PART NUMBER                 | TS87C51RD2                                                                                                                                                                                                           |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology TS87C51RD2-LCB | TS87C51RD2-LCB Distributor             | TS87C51RD2-LCB Supplier                               |
| TS87C51RD2-LCB Price                         | TS87C51RD2-LCB Pictures                | TS87C51RD2-LCB Image                                  |
| TS87C51RD2-LCB PDF Datasheet                 | TS87C51RD2-LCB Download Datasheet      | TS87C51RD2-LCB Datasheet                              |
| TS87C51RD2-LCB Stock                         | Buy TS87C51RD2-LCB                     | Buy Micrel / Microchip Technology TS87C51RD2-LCB      |
| Micrel / Microchip Technology TS87C51RD2-LCB | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology TS87C51RD2-LCB | Microchip Technology TS87C51RD2-LCB    | Roving Networks / Microchip Technology TS87C51RD2-LCB |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TS87C51RC2-VIE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TS87C51RC2-VCE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TS87C51RC2-VIB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TS87C51RD2-LCE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TS87C51RD2-LCMD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>TS87C51RD2-LIE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TS87C51RC2-VIA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 40PDIL<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TS87C51RC2-VCB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TS87C51RD2-LCL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 68PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TS87C51RD2-LIB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TS87C51RD2-LIA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TS87C51RD2-LCA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: Out stock<br/><div>RFQ</div></div> |