



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

TS87C51RD2-VCE

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TS87C51RD2-VCE                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 64KB OTP 44VQFP                                                                                          |
|                     |  1.TS87C51RD2-VCE.pdf               |
|                     |  2.TS87C51RD2-VCE.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-VCE

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TS87C51RD2-VCE                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 64KB OTP 44VQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DATA SHEET                       |  1.TS87C51RD2-VCE.pdf<br> 2.TS87C51RD2-VCE.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 44-VQFP                                                                                                                                                                                                              |
| SPEED                            | 40/30MHz                                                                                                                                                                                                             |
| 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                   | 44-QFP                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | 80C51 87C Microcontroller IC 8-Bit 40/30MHz 64KB (64K x 8) OTP 44-VQFP                                                                                                                                               |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | 80C51                                                                                                                                                                                                                |
| CONNECTIVITY                     | UART/USART                                                                                                                                                                                                           |
| BASE PART NUMBER                 | TS87C51RD2                                                                                                                                                                                                           |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TS87C51RD2-VIE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>TS87C51RD2-VIL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 68PLCC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>TS87C51RD2-VCL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 68PLCC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>TS87C51RD2-MIE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44VQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>TS87C51RD2-VCB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>TS87C51RD2-MIA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>TS87C51RD2-VIA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>TS87C51RD2-VIB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>TS87C51RD2-MIB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>TS87C51RD2-VCA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 40PDIL<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>TS87C52X2-LCA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB OTP 40PDIL<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>TS87C51RD2-MIL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB OTP 68PLCC<br/>In stock: Out stock<br/>RFQ</div> |