



Image may be representation. See specifications for product details.

P87C51RB2BBD,157

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P87C51RB2BBD,157                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB OTP 44LQFP                                                                                  |
| Datasheets:         |  P87C51RB2BBD,157.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of P87C51RB2BBD,157

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P87C51RB2BBD,157                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 16KB OTP 44LQFP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  P87C51RB2BBD,157.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-LQFP (10x10)                                                                                          |
| SPEED                            | 33MHz                                                                                                    |
| SERIES                           | 87C                                                                                                      |
| RAM SIZE                         | 512 x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | OTP                                                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                           |
| PERIPHERALS                      | POR, PWM, WDT                                                                                            |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 44-LQFP                                                                                                  |
| OTHER NAMES                      | 568-8732<br>935271877157<br>P87C51RB2BBD<br>P87C51RB2BBD,157-ND<br>P87C51RB2BBD-ND                       |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                          |
| NUMBER OF I/O                    | 32                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | 8051 87C Microcontroller IC 8-Bit 33MHz 16KB (16K x 8) OTP 44-LQFP (10x10)                               |
| DATA CONVERTERS                  | -                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                    |
| CORE PROCESSOR                   | 8051                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, UART/USART                                                                                      |
| BASE PART NUMBER                 | P87C51                                                                                                   |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale P87C51RB2BBD,157 | P87C51RB2BBD,157 Distributor            | P87C51RB2BBD,157 Supplier                           |
| P87C51RB2BBD,157 Price                          | P87C51RB2BBD,157 Pictures               | P87C51RB2BBD,157 Image                              |
| P87C51RB2BBD,157 PDF Datasheet                  | P87C51RB2BBD,157 Download Datasheet     | P87C51RB2BBD,157 Datasheet                          |
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| NXP Semiconductors / Freescale P87C51RB2BBD,157 | NXP Semiconductors P87C51RB2BBD,157     | Freescale P87C51RB2BBD,157                          |
| Freescale Semiconductor - NXP P87C51RB2BBD,157  | NXP USA Inc. P87C51RB2BBD,157           |                                                     |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
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|  <div><b>P87C51RB2BA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: 4961 pcs<br/><div>RFQ</div></div> |  <div><b>P87C51RC2BBD,157</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB OTP 44LQFP<br/>In stock: 4836 pcs<br/><div>RFQ</div></div> |
|  <div><b>P87C51RA+4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: 4195 pcs<br/><div>RFQ</div></div>  |  <div><b>P87C51RB2FA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: 4553 pcs<br/><div>RFQ</div></div>  |
|  <div><b>P87C51RB2BN,112</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: 5920 pcs<br/><div>RFQ</div></div>  |  <div><b>P87C51RC+4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 5762 pcs<br/><div>RFQ</div></div>  |
|  <div><b>P87C51RB+4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: 5523 pcs<br/><div>RFQ</div></div> |  <div><b>P87C51RA2BA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: 5932 pcs<br/><div>RFQ</div></div>   |
|  <div><b>P87C51RC+4B,557</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB OTP 44QFP<br/>In stock: 5080 pcs<br/><div>RFQ</div></div>  |  <div><b>P87C51RA2FA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: 6009 pcs<br/><div>RFQ</div></div>   |
|  <div><b>P87C51RA+IA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: 6039 pcs<br/><div>RFQ</div></div>  |  <div><b>P87C51RC+4N,112</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB OTP 40DIP<br/>In stock: 4284 pcs<br/><div>RFQ</div></div>   |