

NXP Semiconductors / Freescale

P87C51RB2BA,512

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P87C51RB2BA,512                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB OTP 44PLCC                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5470 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

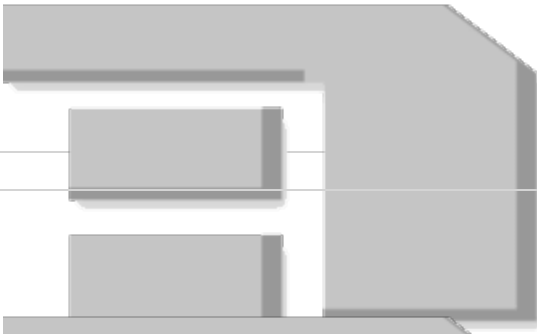
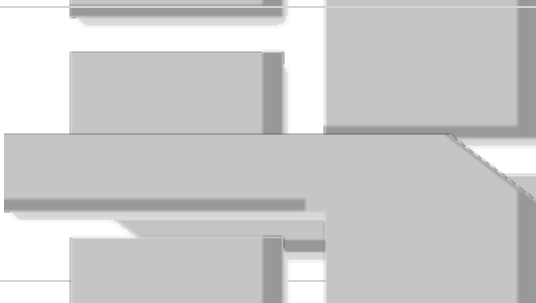
Specifications of P87C51RB2BA,512

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | P87C51RB2BA,512                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 8BIT 16KB OTP 44PLCC                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 5470 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                            |
| 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                        | Tube                                                                             |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                  |
| OTHER NAMES                      | 935271248512<br>P87C51RB2BA<br>P87C51RB2BA-ND                                    |
| 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   | Lead free / RoHS Compliant                                                       |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | 8051 87C Microcontroller IC 8-Bit 33MHz 16KB (16K x 8) OTP 44-PLCC (16.59x16.59) |
| DATA CONVERTERS                  | -                                                                                |
| CORE SIZE                        | 8-Bit                                                                            |
| CORE PROCESSOR                   | 8051                                                                             |
| CONNECTIVITY                     | EBI/EMI, UART/USART                                                              |
| BASE PART NUMBER                 | P87C51                                                                           |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| P87C51RB2BA,512               | P87C51RB2BA,512 Distributor        | P87C51RB2BA,512 Supplier  |
| P87C51RB2BA,512 Price         | P87C51RB2BA,512 Pictures           | P87C51RB2BA,512 Image     |
| P87C51RB2BA,512 PDF Datasheet | P87C51RB2BA,512 Download Datasheet | P87C51RB2BA,512 Datasheet |
| P87C51RB2BA,512 Stock         | Buy P87C51RB2BA,512                | Buy P87C51RB2BA,512       |
| P87C51RB2BA,512               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                        |                                                                                      |                                                                                                                                                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>P87C51RC+4N,112</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB OTP 40DIP<br>In stock: 3366 pcs<br>RFQ   |  | <b>P87C51RA2BA,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB OTP 44PLCC<br>In stock: 5157 pcs<br>RFQ                                |
|  | <b>P87C51RA+IA,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB OTP 44PLCC<br>In stock: 4010 pcs<br>RFQ   |  | <b>P87C51RC+4A,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB OTP 44PLCC<br>In stock: 4504 pcs<br>RFQ                               |
|  | <b>P87C51RB+4A,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB OTP 44PLCC<br>In stock: 6979 pcs<br>RFQ  |  | <b>P87C51RA2FA,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB OTP 44PLCC<br>In stock: 3334 pcs<br>RFQ                                |
|  | <b>P87C51RA+4A,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB OTP 44PLCC<br>In stock: 4410 pcs<br>RFQ   |  | <b>P87C51RB2BN,112</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB OTP 40DIP<br>In stock: 4465 pcs<br>RFQ                                |
|  | <b>P87C51RB2FA,512</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB OTP 44PLCC<br>In stock: 5666 pcs<br>RFQ  |  | <b>P87C51RC+4B,557</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB OTP 44QFP<br>In stock: 4246 pcs<br>RFQ                                |
|  | <b>P87C51RB2BBD,157</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB OTP 44LQFP<br>In stock: 5518 pcs<br>RFQ |  | <b>P87C51MC2BA/02,529</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 8BIT 96KB OTP 44PLCC<br>In stock: 7352 pcs<br>RFQ |