



Image may be representation. See specifications for product details.

P87C51MC2BA/02,529

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | P87C51MC2BA/02,529                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                           |
| Product description | IC MCU 8BIT 96KB OTP 44PLCC                                                                                              |
| Datasheets:         |  <a href="#">P87C51MC2BA/02,529.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant             |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

Specifications of P87C51MC2BA/02,529

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P87C51MC2BA/02,529                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 96KB OTP 44PLCC                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DATA SHEET                       |  <a href="#">P87C51MC2BA/02,529.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                                                                      |
| SPEED                            | 24MHz                                                                                                                      |
| SERIES                           | 87C                                                                                                                        |
| RAM SIZE                         | 3K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                        |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                             |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                              |
| PACKAGING                        | Tube                                                                                                                       |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                                                            |
| OTHER NAMES                      | 568-1244-5<br>935273219529<br>P87C51MC2BA/02-S<br>P87C51MC2BA02529                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 34                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                          |
| DETAILED DESCRIPTION             | 8051 87C Microcontroller IC 8-Bit 24MHz 96KB (96K x 8) OTP 44-PLCC (16.59x16.59)                                           |
| DATA CONVERTERS                  | -                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                      |
| CORE PROCESSOR                   | 8051                                                                                                                       |
| CONNECTIVITY                     | EBI/EMI, SPI, UART/USART                                                                                                   |
| BASE PART NUMBER                 | P87C51                                                                                                                     |

Related Tags

|                                                   |                                         |                                                       |
|---------------------------------------------------|-----------------------------------------|-------------------------------------------------------|
| NXP Semiconductors / Freescale P87C51MC2BA/02,529 | P87C51MC2BA/02,529 Distributor          | P87C51MC2BA/02,529 Supplier                           |
| P87C51MC2BA/02,529 Price                          | P87C51MC2BA/02,529 Pictures             | P87C51MC2BA/02,529 Image                              |
| P87C51MC2BA/02,529 PDF Datasheet                  | P87C51MC2BA/02,529 Download Datasheet   | P87C51MC2BA/02,529 Datasheet                          |
| P87C51MC2BA/02,529 Stock                          | Buy P87C51MC2BA/02,529                  | Buy NXP Semiconductors / Freescale P87C51MC2BA/02,529 |
| NXP Semiconductors / Freescale P87C51MC2BA/02,529 | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor            |
| NXP Semiconductors / Freescale P87C51MC2BA/02,529 | NXP Semiconductors P87C51MC2BA/02,529   | Freescale P87C51MC2BA/02,529                          |
| Freescale Semiconductor - NXP P87C51MC2BA/02,529  | NXP USA Inc. P87C51MC2BA/02,529         |                                                       |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>P87C51RA+IA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>     |  <p><b>P87C51FC-4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>P87C51FB-4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>P87C51FB-4N,112</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>P87C51RB2BA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>P87C51FB-4B,557</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44QFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>P87C51RB+4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>P87C51FB-5A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>P87C51RA+4A,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>     |  <p><b>P87C51RA2FA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>P87C51MB2BA/02,529</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 64KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>P87C51RA2BA,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB OTP 44PLCC<br/>In stock: Out stock</p> <p>RFQ</p>  |