



Image may be representation. See specifications for product details.

**P89C51RC2FA/01,529**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P89C51RC2FA/01,529                                                                                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 44PLCC                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3841 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

## REQUEST FOR QUOTATION

## Specifications of P89C51RC2FA/01,529

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | P89C51RC2FA/01,529                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44PLCC                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 3841 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                              |
| SPEED                            | 33MHz                                                                              |
| SERIES                           | 89C                                                                                |
| RAM SIZE                         | 512 x 8                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                     |
| PERIPHERALS                      | POR, PWM, WDT                                                                      |
| PACKAGING                        | Tube                                                                               |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                    |
| OTHER NAMES                      | 568-1264-5<br>935271564529<br>P89C51RC2FA/01-S<br>Q2903329                         |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 89C Microcontroller IC 8-Bit 33MHz 32KB (32K x 8) FLASH 44-PLCC (16.59x16.59) |
| DATA CONVERTERS                  | -                                                                                  |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | 8051                                                                               |
| CONNECTIVITY                     | UART/USART                                                                         |
| BASE PART NUMBER                 | P89C51                                                                             |

## Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| P89C51RC2FA/01,529               | P89C51RC2FA/01,529 Distributor        | P89C51RC2FA/01,529 Supplier  |
| P89C51RC2FA/01,529 Price         | P89C51RC2FA/01,529 Pictures           | P89C51RC2FA/01,529 Image     |
| P89C51RC2FA/01,529 PDF Datasheet | P89C51RC2FA/01,529 Download Datasheet | P89C51RC2FA/01,529 Datasheet |
| P89C51RC2FA/01,529 Stock         | Buy P89C51RC2FA/01,529                | Buy P89C51RC2FA/01,529       |
| P89C51RC2FA/01,529               | Supplier                              | Distributor                  |

## Related Products

|                                                                                                                                                                                                      |                                                                                                                                                                                         |                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div>                                                                                                                                                                                          | <div> <div>P89C54X2FA/00,529</div> <div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 8BIT 16KB FLASH 44PLCC</div> <div>In stock: 6344 pcs</div> </div> <div>RFQ</div> </div> | <div></div>                                                                                                                                                                                          |
| <div></div>                                                                                                                                                                                          | <div></div>                                                                                                                                                                             | <div> <div>P89C60X2BA/00,512</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 64KB FLASH 44PLCC</div> <div>In stock: 6413 pcs</div> </div> </div>  |
| <div> <div>P89C58X2BA/00,512</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 32KB FLASH 44PLCC</div> <div>In stock: 3179 pcs</div> </div> </div>  | <div></div>                                                                                                                                                                             | <div> <div>P89C52X2BN/00,112</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 8KB FLASH 40DIP</div> <div>In stock: 6825 pcs</div> </div> </div>    |
| <div> <div>P89C51RD2BA/01,512</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 64KB FLASH 44PLCC</div> <div>In stock: 6125 pcs</div> </div> </div> | <div></div>                                                                                                                                                                             | <div> <div>P89C51RB2BA/01,512</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 16KB FLASH 44PLCC</div> <div>In stock: 3455 pcs</div> </div> </div> |
| <div> <div>P89C51RC2BA/01,512</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 32KB FLASH 44PLCC</div> <div>In stock: 6075 pcs</div> </div> </div> | <div></div>                                                                                                                                                                             | <div> <div>P89C51RC2BBD/01,55</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 32KB FLASH 44LQFP</div> <div>In stock: 5214 pcs</div> </div> </div> |
| <div> <div>P89C51RD2BBD/01,55</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 64KB FLASH 44LQFP</div> <div>In stock: 4809 pcs</div> </div> </div> | <div></div>                                                                                                                                                                             | <div> <div>P89C52X2BBD/00,557</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 8KB FLASH 44LQFP</div> <div>In stock: 6118 pcs</div> </div> </div>  |
| <div> <div>P89C51RC2FBD/01,55</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 32KB FLASH 44LQFP</div> <div>In stock: 4499 pcs</div> </div> </div> | <div> <div> <div>Copyright © 2019</div> <div> <div>Dis</div> <div>nic Components</div> </div> </div> </div>                                                                             | <div> <div>P89C51RC2BN/01,112</div> <div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 8BIT 32KB FLASH 40DIP</div> <div>In stock: 3772 pcs</div> </div> </div>  |