

P89CV51RC2FBC,557



Part Number: [P89CV51RC2FBC,557](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB FLASH 44TQFP

Data sheet:  [P89CV51RB2\( RC2, RD2\)](#)

RoHs Status: Lead free / RoHS Compliant

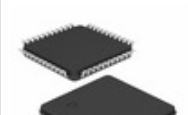
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P89CV51RC2FBC,557                                                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 32KB FLASH 44TQFP                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4200 pcs                                                                     | Data sheet                       | <a href="#">P89CV51RB2( RC2, RD2)</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 5.5 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 44-TQFP (10x10)                                                              | Speed                            | 40MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 89C                                                                          | RAM Size                         | 1K x 8                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                        | Program Memory Size              | 32KB (32K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | POR, PWM, WDT                                                                | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44-TQFP                                                                      | Other Names                      | 568-4255<br>935284104557<br>P89CV51RC2FBC      |
| 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 40MHz 32KB (32K x 8) FLASH 44-TQFP (10x10) | Data Converters                  | -                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                        | Core Processor                   | 8051                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EBI/EMI, SPI, UART/USART                                                     | Base Part Number                 | P89CV51R                                       |
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|  | Part#: <a href="#">P89CV51RB2FBC,557</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P89C664HFA/00,512</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89C668HBA/00,512</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P89LPC907FD,112</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89C668HFA/00,512</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P89LPC901FN,129</a><br>Description: IC MCU 8BIT 1KB FLASH 8DIP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89CV51RB2FA,512</a><br>Description: IC MCU 8BIT 16KB FLASH 44PLCC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89LPC902FD,112</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89CV51RD2FA,512</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P89C664HBB/00,557</a><br>Description: IC MCU 8BIT 64KB FLASH 44LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89LPC908FD,112</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89CV51RD2FBC,557</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89C668HBB/00,557</a><br>Description: IC MCU 8BIT 64KB FLASH 44LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89LPC906FD,112</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P89C664HFB/00,557</a><br>Description: IC MCU 8BIT 64KB FLASH 44LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

|                                               |                                |                                      |                                |
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