

NXP Semiconductors / Freescale



P89LPC952FA,512

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P89LPC952FA,512                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 8KB FLASH 44PLCC                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6417 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

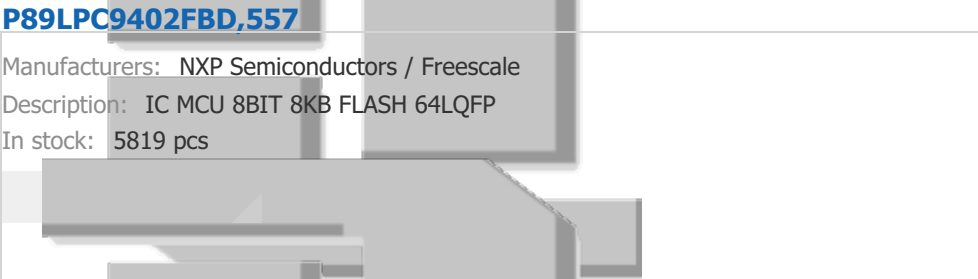
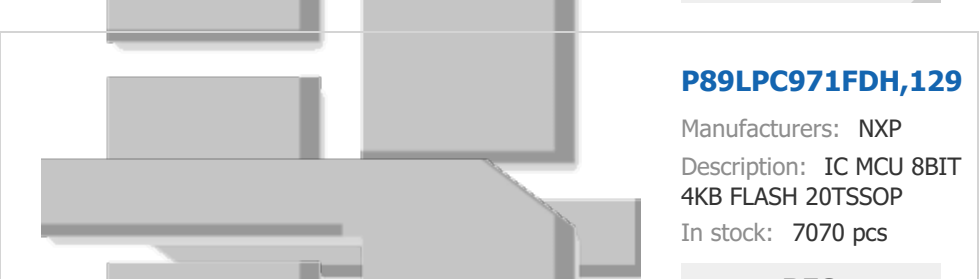
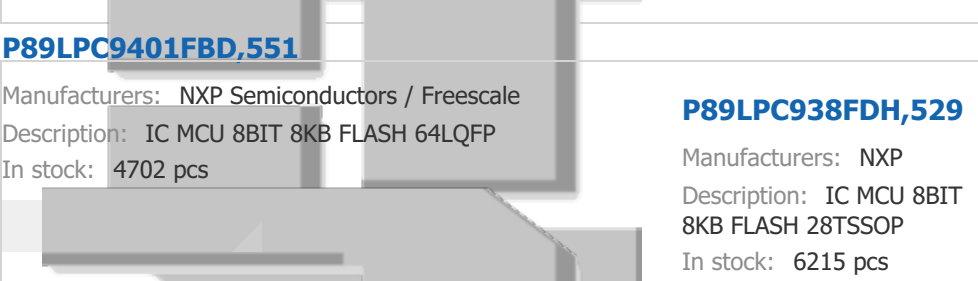
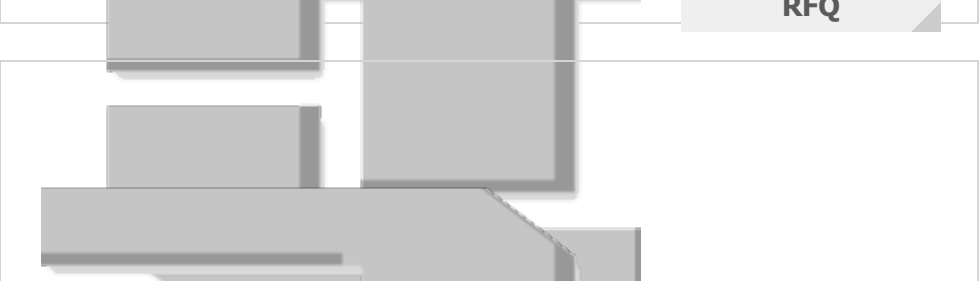
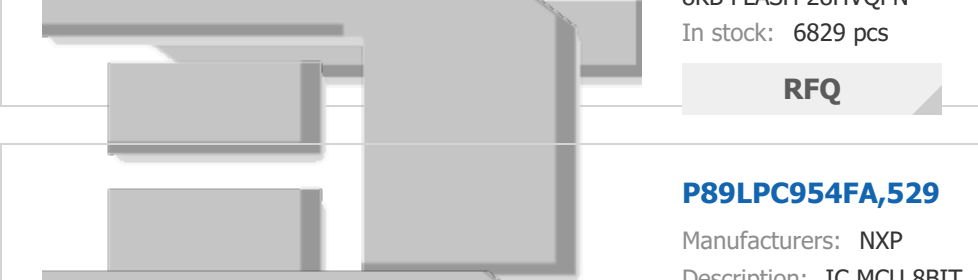
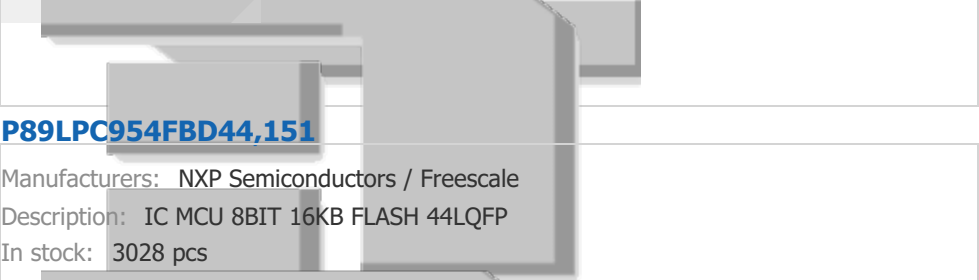
Specifications of P89LPC952FA,512

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | P89LPC952FA,512                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 44PLCC                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 6417 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 3.6 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                               |
| SPEED                            | 18MHz                                                                               |
| SERIES                           | LPC900                                                                              |
| RAM SIZE                         | 512 x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                               |
| PACKAGING                        | Tube                                                                                |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                     |
| OTHER NAMES                      | 568-2253-5<br>935280148512<br>P89LPC952FA<br>P89LPC952FA512                         |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                   |
| NUMBER OF I/O                    | 40                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | -                                                                                   |
| DETAILED DESCRIPTION             | 8051 LPC900 Microcontroller IC 8-Bit 18MHz 8KB (8K x 8) FLASH 44-PLCC (16.59x16.59) |
| DATA CONVERTERS                  | A/D 8x10b                                                                           |
| CORE SIZE                        | 8-Bit                                                                               |
| CORE PROCESSOR                   | 8051                                                                                |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                |
| BASE PART NUMBER                 | P89LPC95*                                                                           |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| P89LPC952FA,512               | P89LPC952FA,512 Distributor        | P89LPC952FA,512 Supplier  |
| P89LPC952FA,512 Price         | P89LPC952FA,512 Pictures           | P89LPC952FA,512 Image     |
| P89LPC952FA,512 PDF Datasheet | P89LPC952FA,512 Download Datasheet | P89LPC952FA,512 Datasheet |
| P89LPC952FA,512 Stock         | Buy P89LPC952FA,512                | Buy P89LPC952FA,512       |
| P89LPC952FA,512               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>P89LPC9402FBD,557</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 64LQFP<br/>In stock: 5819 pcs</p> |  <p><b>P89LPC970FDH,129</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 2KB FLASH 20TSSOP<br/>In stock: 5429 pcs</p> <p>RFQ</p>                              |
|  <p><b>P89LPC9401FBD,551</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 64LQFP<br/>In stock: 4702 pcs</p> |  <p><b>P89LPC971FDH,129</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: 7070 pcs</p> <p>RFQ</p>                              |
|  <p><b>P89LPC938FDH,529</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: 6215 pcs</p> <p>RFQ</p>                 |  <p><b>P89LPC9408FBD,557</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 64LQFP<br/>In stock: 3187 pcs</p>              |
|  <p><b>P89LPC952FBD,157</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 44LQFP<br/>In stock: 3265 pcs</p> <p>RFQ</p>                  |  <p><b>P89LPC9401FBD,557</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 64LQFP<br/>In stock: 3184 pcs</p>              |
|  <p><b>P89LPC938FHN,151</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 28HVQFN<br/>In stock: 6829 pcs</p> <p>RFQ</p>                 |  <p><b>P89LPC954FBD44,151</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br/>In stock: 3028 pcs</p>            |
|  <p><b>P89LPC954FA,529</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: 5964 pcs</p> <p>RFQ</p>                  |  <p><b>P89LPC954FBD48,151</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 6514 pcs</p> <p>RFQ</p> |

