

P87C51FB-4N,112



**Part Number:** [P87C51FB-4N,112](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MCU 8BIT 16KB OTP 40DIP

**Data sheet:**  [80C51 8-Bit MCU Family](#)

**RoHs Status:** Lead free / RoHS Compliant

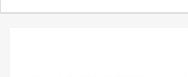
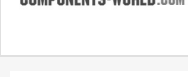
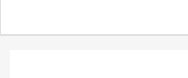
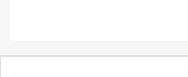
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |                                  |                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | P87C51FB-4N,112                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 16KB OTP 40DIP                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5370 pcs                                                          | Data sheet                       | <a href="#">80C51 8-Bit MCU Family</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40-DIP                                                            | Speed                            | 16MHz                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 87C                                                               | RAM Size                         | 256 x 8                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                                               | Program Memory Size              | 16KB (16K x 8)                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POR, PWM                                                          | Packaging                        | Tube                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40-DIP (0.600", 15.24mm)                                          | Other Names                      | 568-1010-5<br>935258810112<br>P87C51FB-4N<br>P87C51FB4N112 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                          | Operating Temperature            | 0°C ~ 70°C (TA)                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                        | EEPROM Size                      | -                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8051 87C Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) OTP 40-DIP | Data Converters                  | -                                                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                             | Core Processor                   | 8051                                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EBI/EMI, UART/USART                                               | Base Part Number                 | P87C51                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5370 pieces of NXP Semiconductors / Freescale P87C51FB-4N,112 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                   |                                  |                                                            |

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|  | Part#: <a href="#">P87C51FA-4N,112</a><br>Description: IC MCU 8BIT 8KB OTP 40DIP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51FB-5A,512</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51FA-5A,512</a><br>Description: IC MCU 8BIT 8KB OTP 44PLCC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P87C51MB2BA/02,529</a><br>Description: IC MCU 8BIT 64KB OTP 44PLCC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">P87C51RB+4A,512</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51RB2BA,512</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51RB2BN,112</a><br>Description: IC MCU 8BIT 16KB OTP 40DIP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51FC-4A,512</a><br>Description: IC MCU 8BIT 32KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51MC2BA/02,529</a><br>Description: IC MCU 8BIT 96KB OTP 44PLCC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51RB2BBD,157</a><br>Description: IC MCU 8BIT 16KB OTP 44LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51FB-4A,512</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51FB-4B,557</a><br>Description: IC MCU 8BIT 16KB OTP 44QFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P87C51RC+4A,512</a><br>Description: IC MCU 8BIT 32KB OTP 44PLCC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|                                                | P87C51FB-4N,112 download datasheet             | P87C51FB-4N,112 datasheet          | P87C51FB-4N,112 stock     |
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