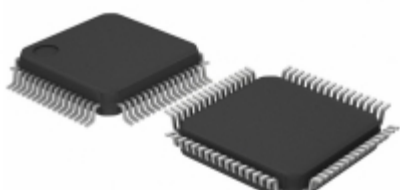


MB9BF121LPMC-G-JNE2



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MB9BF121LPMC-G-JNE2](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 32BIT 96KB FLASH 64LQFP

**Data sheet:**  [MB9B120M Series](#)

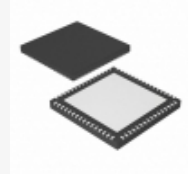
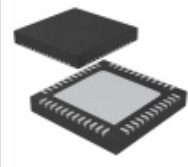
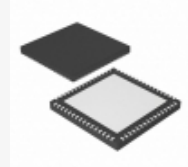
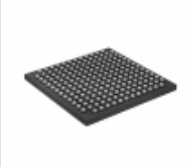
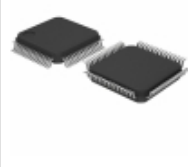
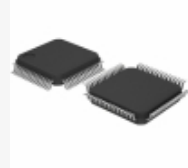
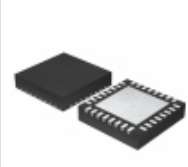
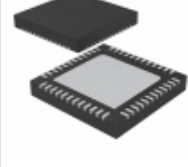
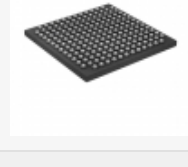
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                   |                                 |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MB9BF121LPMC-G-JNE2                                                                               | Manufacturer                    | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 96KB FLASH 64LQFP                                                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 26502 pcs                                                                                         | Data sheet                      | <a href="#">MB9B120M Series</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Supply (Vcc/Vdd)      | 2.7 V ~ 5.5 V                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                      | 64-LQFP (12x12)                                                                                   | Speed                           | 72MHz                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | FM3 MB9B120M                                                                                      | RAM Size                        | 16K x 8                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                             | Program Memory Size             | 96KB (96K x 8)                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | DMA, LVD, POR, PWM, WDT                                                                           | Packaging                       | Tray                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 64-LQFP                                                                                           | Oscillator Type                 | Internal                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 105°C (TA)                                                                                | Number of I/O                   | 50                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                                                                                     | Manufacturer Standard Lead Time | 26 Weeks                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                                        | EEPROM Size                     | -                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                         | ARM® Cortex®-M3 FM3 MB9B120M Microcontroller IC 32-Bit 72MHz 96KB (96K x 8) FLASH 64-LQFP (12x12) | Data Converters                 | A/D 23x12b, D/A 2x10b                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-Bit                                                                                            | Core Processor                  | ARM® Cortex®-M3                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                 | CSIO, I²C, LINbus, UART/USART                                                                     |                                 |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                      |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB9BF118SPMC-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122LQN-G-AVE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121KQN-G-AVE2</a><br>Description: IC MCU 32BIT 96KB FLASH 48QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121JPMC-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 32LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 96KB FLASH 48LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121LQN-G-AVE2</a><br>Description: IC MCU 32BIT 96KB FLASH 64QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF118TBGL-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 192BGA     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121MPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 96KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122LPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121LPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 96KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121MPMC-G-JNE2</a><br>Description: IC MCU 32BIT 96KB FLASH 80LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121MBGL-GE1</a><br>Description: IC MCU 32BIT 96KB FLASH 96BGA       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF118TPMC-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122LPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF121JWQN-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF117TPMC-GK7E1</a><br>Description: IC MCU 32BIT 768KB FLASH 176LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122KQN-G-AVE2</a><br>Description: IC MCU 32BIT 160KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 48LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF117SPMC-GK7E1</a><br>Description: IC MCU 32BIT 768KB FLASH 144LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF117TBGL-GK7E1</a><br>Description: IC MCU 32BIT 768KB FLASH 192BGA   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MB9BF121LPMC-G-JNE2  |                                                |                              |                           |
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