

MB9BF122MPMC1-G-JNE2



Part Number: [MB9BF122MPMC1-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 160KB FLASH 80LQFP

Data sheet:  [MB9B120M Series](#)

RoHs Status: Lead free / RoHS Compliant

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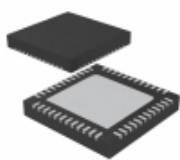
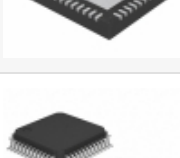
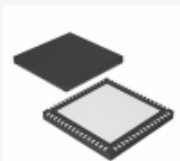
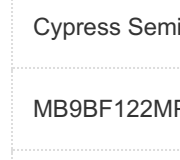
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| PRODUCT PARAMETER               |                                           |                                  |                                                                                                     |
|---------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                     | MB9BF122MPMC1-G-JNE2                      | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                               |
| Description                     | IC MCU 32BIT 160KB FLASH 80LQFP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| Quantity Available              | 22772 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         | 80-LQFP (14x14)                           | Speed                            | 72MHz                                                                                               |
| Series                          | FM3 MB9B120M                              | RAM Size                         | 16K x 8                                                                                             |
| Program Memory Type             | FLASH                                     | Program Memory Size              | 160KB (160K x 8)                                                                                    |
| Peripherals                     | DMA, LVD, POR, PWM, WDT                   | Packaging                        | Tray                                                                                                |
| Package / Case                  | 80-LQFP                                   | Other Names                      | CY9BF122MPMC1-G-JNE2                                                                                |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                  |
| Number of I/O                   | 65                                        | 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 160KB (160K x 8) FLASH 80-LQFP (14x14) |
| Data Converters                 | A/D 26x12b, D/A 2x10b                     | Core Size                        | 32-Bit                                                                                              |
| Core Processor                  | ARM® Cortex®-M3                           | Connectivity                     | CSIO, I²C, LINbus, UART/USART                                                                       |

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|  | 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="#">MB9BF124LPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP  | 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="#">MB9BF124MBGL-GE1</a><br>Description: IC MCU 32BIT 288KB FLASH 96BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | 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> |
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|  | Part#: <a href="#">MB9BF124KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 48LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF122MBGL-GE1</a><br>Description: IC MCU 32BIT 160KB FLASH 96BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF128SAPMC-GK7E2</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="#">MB9BF124MPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF124MPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 288KB 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="#">MB9BF122MPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF124LQN-G-106-AVE2</a><br>Description: MM MCU                        | 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> |

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