

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB9BF368MPMC-G-JNE2

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF368MPMC-G-JNE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 32BIT 1MB FLASH 80LQFP                                                                                             |
| Datasheets:         |  <a href="#">MB9BF368MPMC-G-JNE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 13803 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

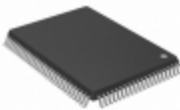
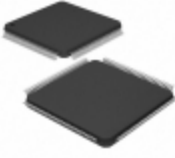
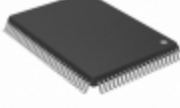
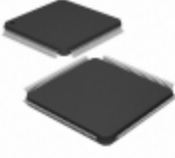
#### Specifications of MB9BF368MPMC-G-JNE2

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF368MPMC-G-JNE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 80LQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 13803 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">MB9BF368MPMC-G-JNE2.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                             |
| SPEED                            | 160MHz                                                                                                                      |
| SERIES                           | FM4 MB9B360R                                                                                                                |
| RAM SIZE                         | 128K x 8                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 1.03125MB (1.03125M x 8)                                                                                                    |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 63                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F FM4 MB9B360R Microcontroller IC 32-Bit 160MHz 1.03125MB (1.03125M x 8) FLASH 80-LQFP (12x12)               |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                                            |
| CONNECTIVITY                     | CSIO, I²C, LINbus, UART/USART, USB                                                                                          |

#### Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB9BF368MPMC-G-JNE2 | MB9BF368MPMC-G-JNE2 Distributor                | MB9BF368MPMC-G-JNE2 Supplier                  |
| MB9BF368MPMC-G-JNE2 Price                 | MB9BF368MPMC-G-JNE2 Pictures                   | MB9BF368MPMC-G-JNE2 Image                     |
| MB9BF368MPMC-G-JNE2 PDF Datasheet         | MB9BF368MPMC-G-JNE2 Download Datasheet         | MB9BF368MPMC-G-JNE2 Datasheet                 |
| MB9BF368MPMC-G-JNE2 Stock                 | Buy MB9BF368MPMC-G-JNE2                        | Buy Cypress Semiconductor MB9BF368MPMC-G-JNE2 |
| Cypress Semiconductor MB9BF368MPMC-G-JNE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9BF368MPMC-G-JNE2 | Cypress Semiconductor Corp MB9BF368MPMC-G-JNE2 |                                               |

#### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>MB9BF367NPQC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 100QFP<br/>In stock: 11106 pcs<br/><div>RFQ</div></div>  |  <div><b>MB9BF367NPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 100LQFP<br/>In stock: 9551 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MB9BF367MPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 80LQFP<br/>In stock: 12570 pcs<br/><div>RFQ</div></div> |  <div><b>MB9BF368NBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 112BGA<br/>In stock: 12668 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MB9BF368RBGL-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144BGA<br/>In stock: 6121 pcs<br/><div>RFQ</div></div>      |  <div><b>MB9BF367RBGL-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 144BGA<br/>In stock: 6203 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MB9BF368MPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 80LQFP<br/>In stock: 11421 pcs<br/><div>RFQ</div></div>   |  <div><b>MB9BF367NBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 112BGA<br/>In stock: 12054 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MB9BF368NPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 100QFP<br/>In stock: 12433 pcs<br/><div>RFQ</div></div>    |  <div><b>MB9BF368RPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 120LQFP<br/>In stock: 10070 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MB9BF368NPQC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 100QFP<br/>In stock: 11248 pcs<br/><div>RFQ</div></div>    |  <div><b>MB9BF367RPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 800KB FLASH 120LQFP<br/>In stock: 10428 pcs<br/><div>RFQ</div></div> |