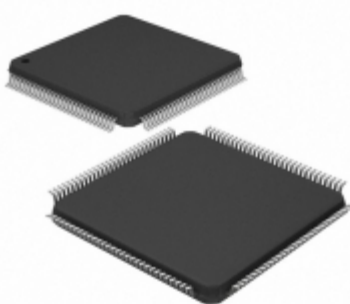


MB9BF305RBPMC-G-JNE2



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MB9BF305RBPMC-G-JNE2](#)

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

**Description:** IC MCU 32BIT 384KB FLASH 120LQFP

**Data sheet:**  [MB9B300B Series](#)

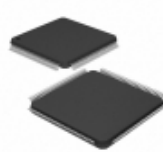
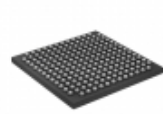
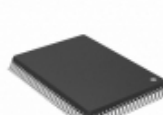
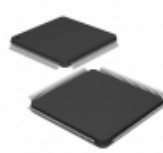
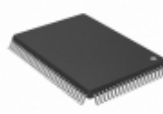
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB9BF305RBPMC-G-JNE2                      | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 384KB FLASH 120LQFP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 13947 pcs                                 | Data sheet                       | <a href="#">MB9B300B Series</a>                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 120-LQFP (16x16)                          | Speed                            | 80MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | FM3 MB9B300B                              | RAM Size                         | 48K x 8                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                     | Program Memory Size              | 384KB (384K x 8)                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | DMA, LVD, POR, PWM, WDT                   | Packaging                        | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 120-LQFP                                  | Other Names                      | CY9BF305RBPMC-G-JNE2                                                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                 | 100                                       | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                               | 27 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Detailed Description             | ARM® Cortex®-M3 FM3 MB9B300B Microcontroller IC 32-Bit 80MHz 384KB (384K x 8) FLASH 120-LQFP (16x16) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 16x12b                                | Core Size                        | 32-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | ARM® Cortex®-M3                           | Connectivity                     | CSIO, EBI/EMI, Ethernet, I²C, LINbus, UART/USART, USB                                                |
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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB9BF312NBGL-GE1</a><br>Description: IC MCU 32BIT 160KB FLASH 112BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF314NPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF312RPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF306NBPMC-G-UNE2</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF312NPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF304NBBGL-GK6E1</a><br>Description: IC MCU 32BIT 256KB FLASH 112BGA   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF305NBBGL-GK6E1</a><br>Description: IC MCU 32BIT 384KB FLASH 112BGA   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF304NBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF218TBGL-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 192BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF305NBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF218TPMC-GE1</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF312NPQC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF304RBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 256KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF218TPMC-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF306NBBGL-GK6E1</a><br>Description: IC MCU 32BIT 512KB FLASH 112BGA   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF314NBGL-GE1</a><br>Description: IC MCU 32BIT 288KB FLASH 112BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF218SPMC-GE1</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF217TPMC-GK7E1</a><br>Description: IC MCU 32BIT 768KB FLASH 176LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF314RPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB9BF314NPQC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for MB9BF305RBPMC-G-JNE2

|                                            |                                                 |                               |                            |
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