



Cypress Semiconductor



**MB9BF504RPMC-GE1**

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF504RPMC-GE1                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 120LQFP                                                                                       |
| Datasheets:         |  <a href="#">MB9BF504RPMC-GE1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 15035 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

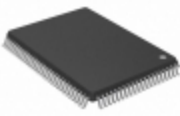
Specifications of MB9BF504RPMC-GE1

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF504RPMC-GE1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 120LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 15035 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MB9BF504RPMC-GE1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                         |
| SPEED                            | 80MHz                                                                                                                    |
| SERIES                           | FM3 MB9B500                                                                                                              |
| RAM SIZE                         | 32K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 120-LQFP                                                                                                                 |
| OTHER NAMES                      | CY9BF504RPMC-GE1                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 100                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9B500 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 120-LQFP (16x16)                      |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                          |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB                                                                      |

Related Tags

|                                        |                                             |                                            |
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| Cypress Semiconductor MB9BF504RPMC-GE1 | MB9BF504RPMC-GE1 Distributor                | MB9BF504RPMC-GE1 Supplier                  |
| MB9BF504RPMC-GE1 Price                 | MB9BF504RPMC-GE1 Pictures                   | MB9BF504RPMC-GE1 Image                     |
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| Cypress Semiconductor MB9BF504RPMC-GE1 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor MB9BF504RPMC-GE1 | Cypress Semiconductor Corp MB9BF504RPMC-GE1 |                                            |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>MB9BF505NBBGL-GK6E1</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 384KB FLASH 112BGA<br/> In stock: 14083 pcs </div> <div>RFQ</div>           |  <div> <b>MB9BF505NBPMC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/> In stock: 13560 pcs </div> <div>RFQ</div> |
|  <div> <b>MB9BF506NBPMC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 9850 pcs </div> <div>RFQ</div>          |  <div> <b>MB9BF468NPQC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 100QFP<br/> In stock: 9240 pcs </div> <div>RFQ</div>      |
|  <div> <b>MB9BF504NBBGL-GK6E1</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 256KB FLASH 112BGA<br/> In stock: 13728 pcs </div> <div>RFQ</div>           |  <div> <b>MB9BF504RBPMC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 256KB FLASH 120LQFP<br/> In stock: 11853 pcs </div> <div>RFQ</div> |
|  <div> <b>MB9BF504RPMC-GE1</b> </div> <div> Manufacturers: Fujitsu Electronics America, Inc.<br/> Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/> In stock: 13959 pcs </div> <div>RFQ</div> |  <div> <b>MB9BF468RPMC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 120LQFP<br/> In stock: 9776 pcs </div> <div>RFQ</div>     |
|  <div> <b>MB9BF506NBBGL-GK6E1</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 112BGA<br/> In stock: 9032 pcs </div> <div>RFQ</div>            |  <div> <b>MB9BF504NBPMC-G-UNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/> In stock: 10759 pcs </div> <div>RFQ</div> |
|  <div> <b>MB9BF468RBGL-GK7E1</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 144BGA<br/> In stock: 7220 pcs </div> <div>RFQ</div>               |  <div> <b>MB9BF505RBPMC-G-JNE2</b> </div> <div> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/> In stock: 13949 pcs </div> <div>RFQ</div> |