



Cypress Semiconductor



MB9BF524LPMC-G-JNE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF524LPMC-G-JNE2                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 288KB FLASH 64LQFP                                                                              |
| Datasheets:         |  MB9BF524LPMC-G-JNE2.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

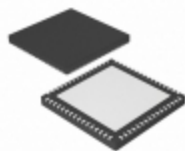
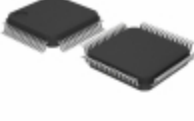
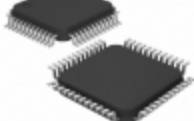
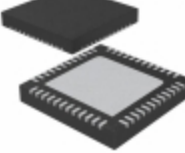
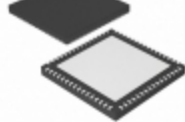
Specifications of MB9BF524LPMC-G-JNE2

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF524LPMC-G-JNE2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 288KB FLASH 64LQFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| DATA SHEET                       |  MB9BF524LPMC-G-JNE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (12x12)                                                                                             |
| SPEED                            | 72MHz                                                                                                       |
| SERIES                           | FM3 MB9B520M                                                                                                |
| RAM SIZE                         | 32K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                            |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                        |
| PACKAGE / CASE                   | 64-LQFP                                                                                                     |
| OTHER NAMES                      | 1534-1074<br>MB9BF524LPMC-G-JNE2-ND                                                                         |
| 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  | 24 Weeks                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| EEPROM SIZE                      | -                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9B520M Microcontroller IC 32-Bit 72MHz 288KB (288K x 8) FLASH 64-LQFP (12x12)         |
| DATA CONVERTERS                  | A/D 23x12b, D/A 2x10b                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                             |
| CONNECTIVITY                     | CANbus, CSIO, I²C, LINbus, UART/USART, USB                                                                  |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB9BF524LPMC-G-JNE2 | MB9BF524LPMC-G-JNE2 Distributor                | MB9BF524LPMC-G-JNE2 Supplier                  |
| MB9BF524LPMC-G-JNE2 Price                 | MB9BF524LPMC-G-JNE2 Pictures                   | MB9BF524LPMC-G-JNE2 Image                     |
| MB9BF524LPMC-G-JNE2 PDF Datasheet         | MB9BF524LPMC-G-JNE2 Download Datasheet         | MB9BF524LPMC-G-JNE2 Datasheet                 |
| MB9BF524LPMC-G-JNE2 Stock                 | Buy MB9BF524LPMC-G-JNE2                        | Buy Cypress Semiconductor MB9BF524LPMC-G-JNE2 |
| Cypress Semiconductor MB9BF524LPMC-G-JNE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9BF524LPMC-G-JNE2 | Cypress Semiconductor Corp MB9BF524LPMC-G-JNE2 |                                               |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB9BF524LQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64QFN<br/>In stock: 50 pcs<br/>RFQ</div>       |  <div><b>MB9BF522MBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 96BGA<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>MB9BF524MBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 96FBGA<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MB9BF528SAPMC-GK7E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB9BF522MPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 80LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB9BF524LPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB9BF524MPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 80LQFP<br/>In stock: 218 pcs<br/>RFQ</div>   |  <div><b>MB9BF524KPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB9BF524KQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 48QFN<br/>In stock: 265 pcs<br/>RFQ</div>      |  <div><b>MB9BF522MPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 80LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB9BF522LQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MB9BF524MPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 80LQFP<br/>In stock: 4 pcs<br/>RFQ</div>      |