



Cypress Semiconductor



### MB9AFB44MBPMC-G-JNE2

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9AFB44MBPMC-G-JNE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                      |
| Product description | IC MCU 32BIT 288KB FLASH 80LQFP                                                                                            |
| Datasheets:         |  <a href="#">MB9AFB44MBPMC-G-JNE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 25848 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

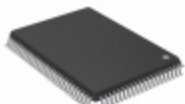
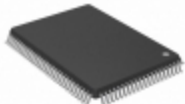
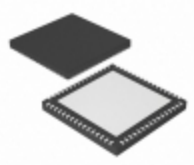
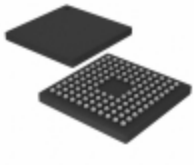
#### Specifications of MB9AFB44MBPMC-G-JNE2

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AFB44MBPMC-G-JNE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 288KB FLASH 80LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 25848 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">MB9AFB44MBPMC-G-JNE2.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                              |
| SPEED                            | 40MHz                                                                                                                        |
| SERIES                           | FM3 MB9AB40NB                                                                                                                |
| RAM SIZE                         | 32K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                        |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                                             |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                      |
| OTHER NAMES                      | CY9AFB44MBPMC-G-JNE2                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 66                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9AB40NB Microcontroller IC 32-Bit 40MHz 288KB (288K x 8) FLASH 80-LQFP (12x12)                         |
| DATA CONVERTERS                  | A/D 17x12b                                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                              |
| CONNECTIVITY                     | CSIO, EBI/EMI, I²C, UART/USART, USB                                                                                          |

#### Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB9AFB44MBPMC-G-JNE2 | MB9AFB44MBPMC-G-JNE2 Distributor                | MB9AFB44MBPMC-G-JNE2 Supplier                  |
| MB9AFB44MBPMC-G-JNE2 Price                 | MB9AFB44MBPMC-G-JNE2 Pictures                   | MB9AFB44MBPMC-G-JNE2 Image                     |
| MB9AFB44MBPMC-G-JNE2 PDF Datasheet         | MB9AFB44MBPMC-G-JNE2 Download Datasheet         | MB9AFB44MBPMC-G-JNE2 Datasheet                 |
| MB9AFB44MBPMC-G-JNE2 Stock                 | Buy MB9AFB44MBPMC-G-JNE2                        | Buy Cypress Semiconductor MB9AFB44MBPMC-G-JNE2 |
| Cypress Semiconductor MB9AFB44MBPMC-G-JNE2 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB9AFB44MBPMC-G-JNE2 | Cypress Semiconductor Corp MB9AFB44MBPMC-G-JNE2 |                                                |

#### Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>MB9BF102NABGL-GK6E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 14697 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB9AFB44LBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64LQFP<br/>In stock: 29552 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AFB44NBPQC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 100QFP<br/>In stock: 20630 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB9AFB44LBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64LQFP<br/>In stock: 25346 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB9AFB42NBPQC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 100QFP<br/>In stock: 24844 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB9AFB44LBQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64QFN<br/>In stock: 32868 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB9AFB44MBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 96BGA<br/>In stock: 22885 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MB9AFB42NBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 100LQFP<br/>In stock: 29274 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AFB44MBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 80LQFP<br/>In stock: 26205 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB9AFB44NBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 112BGA<br/>In stock: 13640 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MB9AFB44NBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 100LQFP<br/>In stock: 14092 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB9BF004PMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MM MCU<br/>In stock: 11081 pcs</div> <div>RFQ</div>                                |