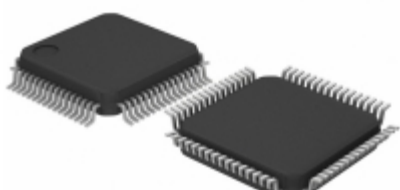


MB9BF166LPMC1-G-JNE2



Images are for reference only.  
See Product Specifications for product details.  
Buy MB9BF166LPMC1-G-JNE2 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation



Part Number:

MB9BF166LPMC1-G-JNE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 544KB FLASH 64LQFP

Data sheet:

 MB9B160L Series

RoHs Status:

Lead free / RoHS Compliant

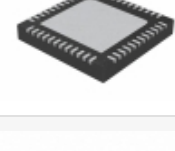
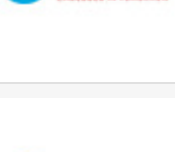
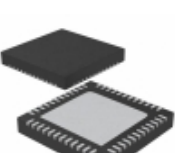
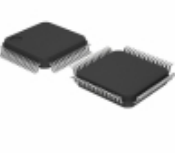
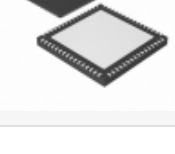
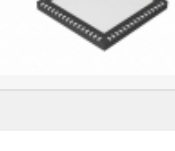
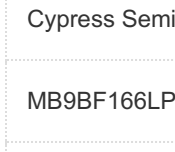
Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                                  |                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB9BF166LPMC1-G-JNE2            | Manufacturer                     | Cypress Semiconductor                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 544KB FLASH 64LQFP | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 18274 pcs                       | Data sheet                       | MB9B160L Series                                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | Integrated Circuits (ICs)       | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 64-LQFP (10x10)                 | Speed                            | 160MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | FM4 MB9B160L                    | RAM Size                         | 64K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                           | Program Memory Size              | 544KB (544K x 8)                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | DMA, LVD, POR, PWM, WDT         | Packaging                        | Tray                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 64-LQFP                         | Other Names                      | CY9BF166LPMC1-G-JNE2                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                        | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                 | 48                              | 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®-M4F FM4 MB9B160L Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 64-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 15x12b, D/A 2x12b           | Core Size                        | 32-Bit                                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | ARM® Cortex®-M4F                | Connectivity                     | CSIO, I²C, LINbus, UART/USART                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 18274 pieces of Cypress Semiconductor MB9BF166LPMC1-G-JNE2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                 |                                  |                                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                             |                                      |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB9BF166KPMC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 48LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166NBGL-GE1<br>Description: IC MCU 32BIT 544KB FLASH 112BGA     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166KZPMC-G-JNE2<br>Description: MM MCU                          | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166LPMC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166KQN-G-AVE2<br>Description: IC MCU 32BIT 544KB FLASH 48QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166NPQC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166MPMC1-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 80LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166MPMC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 80LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166RPMC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 120LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF165LPMC1-G-JNE2<br>Description: IC MCU 32BIT 416KB FLASH 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166NPMC-G-JNE2<br>Description: IC MCU 32BIT 544KB FLASH 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF164LQN-G-AVE2<br>Description: IC MCU 32BIT 288KB FLASH 64QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF165KQN-G-AVE2<br>Description: IC MCU 32BIT 416KB FLASH 48QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF167MPMC-G-JNE2<br>Description: IC MCU 32BIT 800KB FLASH 80LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF165LPMC-G-JNE2<br>Description: IC MCU 32BIT 416KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166RBGL-GK7E1<br>Description: IC MCU 32BIT 544KB FLASH 144BGA   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF165KPMC-G-JNE2<br>Description: IC MCU 32BIT 416KB FLASH 48LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF165LQN-G-AVE2<br>Description: IC MCU 32BIT 416KB FLASH 64QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166RTPMC-G-JNE2<br>Description: MM MCU                          | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9BF166LQN-G-AVE2<br>Description: IC MCU 32BIT 544KB FLASH 64QFN    | Manufacturers: Cypress Semiconductor | RFQ |

|                                            |                                                 |                               |                            |
|--------------------------------------------|-------------------------------------------------|-------------------------------|----------------------------|
| Related keywords for MB9BF166LPMC1-G-JNE2  |                                                 |                               |                            |
| Cypress Semiconductor MB9BF166LPMC1-G-JNE2 | MB9BF166LPMC1-G-JNE2 distributor                | MB9BF166LPMC1-G-JNE2 supplier | MB9BF166LPMC1-G-JNE2 price |
| MB9BF166LPMC1-G-JNE2 download datasheet    | MB9BF166LPMC1-G-JNE2 datasheet                  | MB9BF166LPMC1-G-JNE2 stock    | buy MB9BF166LPMC1-G-JNE2   |
| Cypress Semiconductor MB9BF166LPMC1-G-JNE2 | Cypress Semiconductor Corp MB9BF166LPMC1-G-JNE2 |                               |                            |