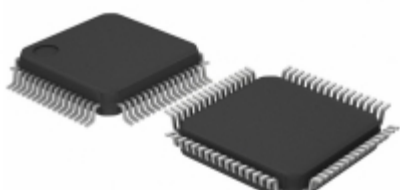


MB9AF112LAPMC1-G-JNE2



Images are for reference only.  
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Part Number: MB9AF112LAPMC1-G-JNE2

Manufacturer: Cypress Semiconductor

Description: IC MCU 32BIT 128KB FLASH 64LQFP

Data sheet:  MB9A110A Series

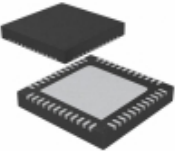
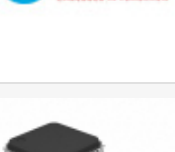
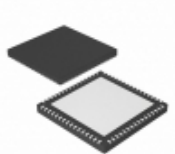
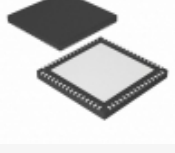
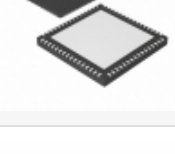
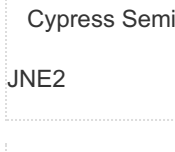
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                     |                                 |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB9AF112LAPMC1-G-JNE2                                                                               | Manufacturer                    | Cypress Semiconductor      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 128KB FLASH 64LQFP                                                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 30754 pcs                                                                                           | Data sheet                      | MB9A110A Series            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)                                                                           | Voltage - Supply (Vcc/Vdd)      | 2.7 V ~ 5.5 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 64-LQFP (10x10)                                                                                     | Speed                           | 40MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | FM3 MB9A110A                                                                                        | RAM Size                        | 16K x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                                               | Program Memory Size             | 128KB (128K x 8)           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | DMA, LVD, POR, PWM, WDT                                                                             | Packaging                       | Tray                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-LQFP                                                                                             | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 105°C (TA)                                                                                  | Number of I/O                   | 51                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                                                                                       | Manufacturer Standard Lead Time | 29 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                                          | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M3 FM3 MB9A110A Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 64-LQFP (10x10) | Data Converters                 | A/D 9x12b                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-Bit                                                                                              | Core Processor                  | ARM® Cortex®-M3            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                   | CSIO, I²C, LINbus, SPI, UART/USART                                                                  |                                 |                            |
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| RELATED PRODUCTS                                                                   |                                                                              |                                      |     |
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|  | Part#: MB9AF112KQN-G-AVE2<br>Description: IC MCU 32BIT 160KB FLASH 48QFN     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112NABGL-GE1<br>Description: IC MCU 32BIT 128KB FLASH 112BGA     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111MAPMC-G-JNE2<br>Description: IC MCU 32BIT 64KB FLASH 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112NBGL-GE1<br>Description: IC MCU 32BIT 128KB FLASH             | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF114LAPMC1-G-JNE2<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF114MAPMC-G-JNE2<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112NAPMC-G-JNE2<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112KPMC-G-JNE2<br>Description: IC MCU 32BIT 160KB FLASH 48LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112MAPMC-G-JNE2<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111NABGL-GE1<br>Description: IC MCU 32BIT 64KB FLASH 112BGA      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111NAPF-G-JNE1<br>Description: IC MCU 32BIT 64KB FLASH 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111NAPMC-G-JNE2<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112KPMC1-G-JNE2<br>Description: IC MCU 32BIT 160KB FLASH 52LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111LAQN-G-AVE2<br>Description: IC MCU 32BIT 64KB FLASH 64QFN     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112NAPF-G-JNE1<br>Description: IC MCU 32BIT 128KB FLASH 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112LAQN-G-AVE2<br>Description: IC MCU 32BIT 128KB FLASH 64QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF112LAPMC-G-JNE2<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF114LAQN-G-AVE2<br>Description: IC MCU 32BIT 256KB FLASH 64QFN    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF111LAPMC1-G-JNE2<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB9AF114LAPMC-G-JNE2<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |

|                                             |                                             |                                                  |                             |
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| Related keywords for MB9AF112LAPMC1-G-JNE2  |                                             |                                                  |                             |
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