

MB9AF344MBPMC1-G-JNE2



Part Number: [MB9AF344MBPMC1-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 80LQFP

Data sheet:  [MB9A340NB Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

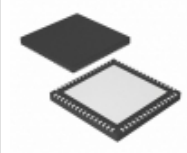
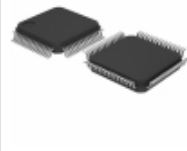
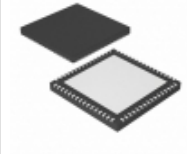
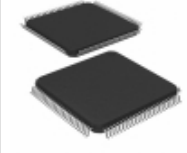
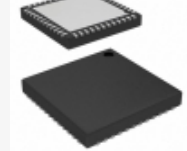
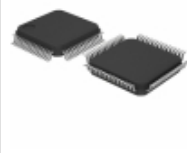
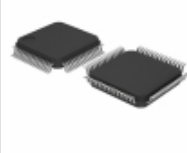
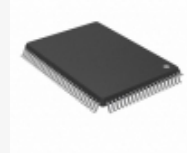
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| PRODUCT PARAMETER               |                                           |                                  |                                                                                                      |
|---------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                     | MB9AF344MBPMC1-G-JNE2                     | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                     | IC MCU 32BIT 288KB FLASH 80LQFP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| Quantity Available              | 32348 pcs                                 | Data sheet                       | <a href="#">MB9A340NB Series</a>                                                                     |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.65 V ~ 3.6 V                                                                                       |
| Supplier Device Package         | 80-LQFP (12x12)                           | Speed                            | 40MHz                                                                                                |
| Series                          | FM3 MB9A340NB                             | 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                  | 80-LQFP                                   | Other Names                      | CY9AF344MBPMC1-G-JNE2                                                                                |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                    |
| Number of I/O                   | 66                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                        |
| Manufacturer Standard Lead Time | 18 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                     | -                                         | Detailed Description             | ARM® Cortex®-M3 FM3 MB9A340NB 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                                                                  |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB9AF344NAPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF342NAPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421LWQN-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421LPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421LPMC-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF342NBBGL-GE1</a><br>Description: IC MCU 32BIT 160KB FLASH 112BGA     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344NBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344MBBGL-GE1</a><br>Description: IC MCU 32BIT 288KB FLASH 96BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344LBQN-G-AVE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344MAPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF342NBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421KWQN-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344LBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF342NBPQC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344NBBGL-GE1</a><br>Description: IC MCU 32BIT 288KB FLASH 112BGA     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF421KPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 64KB FLASH 52LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9AF344MBPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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| Related keywords for MB9AF344MBPMC1-G-JNE2  |                                             |                                                  |                             |
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