



Cypress Semiconductor



|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9AFA44NBPQC-G-JNE2                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 288KB FLASH 100QFP                                                                              |
| Datasheets:         |  MB9AFA44NBPQC-G-JNE2.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22163 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

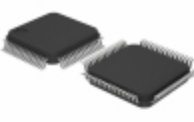
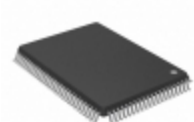
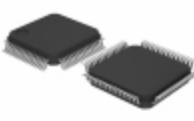
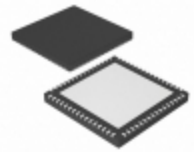
Specifications of MB9AFA44NBPQC-G-JNE2

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AFA44NBPQC-G-JNE2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 288KB FLASH 100QFP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 22163 pcs                                                                                                    |
| DATA SHEET                       |  MB9AFA44NBPQC-G-JNE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                             |
| SPEED                            | 40MHz                                                                                                        |
| SERIES                           | FM3 MB9AA40NB                                                                                                |
| 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                   | 100-BQFP                                                                                                     |
| OTHER NAMES                      | CY9AFA44NBPQC-G-JNE2                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF I/O                    | 83                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| EEPROM SIZE                      | -                                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9AA40NB Microcontroller IC 32-Bit 40MHz 288KB (288K x 8) FLASH 100-PQFP (20x14)        |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                              |
| CONNECTIVITY                     | CSIO, EBI/EMI, I²C, UART/USART                                                                               |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB9AFA44NBPQC-G-JNE2 | MB9AFA44NBPQC-G-JNE2 Distributor                | MB9AFA44NBPQC-G-JNE2 Supplier                  |
| MB9AFA44NBPQC-G-JNE2 Price                 | MB9AFA44NBPQC-G-JNE2 Pictures                   | MB9AFA44NBPQC-G-JNE2 Image                     |
| MB9AFA44NBPQC-G-JNE2 PDF Datasheet         | MB9AFA44NBPQC-G-JNE2 Download Datasheet         | MB9AFA44NBPQC-G-JNE2 Datasheet                 |
| MB9AFA44NBPQC-G-JNE2 Stock                 | Buy MB9AFA44NBPQC-G-JNE2                        | Buy Cypress Semiconductor MB9AFA44NBPQC-G-JNE2 |
| Cypress Semiconductor MB9AFA44NBPQC-G-JNE2 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB9AFA44NBPQC-G-JNE2 | Cypress Semiconductor Corp MB9AFA44NBPQC-G-JNE2 |                                                |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MB9AFA44MBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 80LQFP<br/>In stock: 27460 pcs</div><div>RFQ</div></div> | <div><div><b>MB9AFA44NBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 100LQFP<br/>In stock: 22398 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB9AFA44MBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 96BGA<br/>In stock: 23864 pcs</div><div>RFQ</div></div>      | <div><div><b>MB9AFAA1LPMC1-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 29878 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB9AFAA1NPF-G-SNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 100QFP<br/>In stock: 31034 pcs</div><div>RFQ</div></div>     | <div><div><b>MB9AFAA1NPMC-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 100QFP<br/>In stock: 27324 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB9AFAA1LPMC-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 43668 pcs</div><div>RFQ</div></div>    | <div><div><b>MB9AFAA1MPMC1-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br/>In stock: 31571 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB9AFAA1MPMC-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br/>In stock: 33321 pcs</div><div>RFQ</div></div>    | <div><div><b>MB9AFA44MBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 80LQFP<br/>In stock: 27944 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB9AFA44NBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 112BGA<br/>In stock: 14964 pcs</div><div>RFQ</div></div>     | <div><div><b>MB9AFA44LBQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64QFN<br/>In stock: 29749 pcs</div><div>RFQ</div></div>    |