



Cypress Semiconductor



Part Number:MB9AFB41NBPQC-G-JNE2

Manufacturer/Brand:Cypress Semiconductor

Product description:IC MCU 32BIT 96KB FLASH 100QFP

Datasheets: MB9AFB41NBPQC-G-JNE2.pdf

RoHs Status: Lead free / RoHS Compliant

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

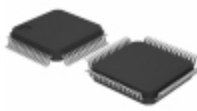
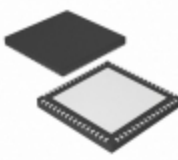
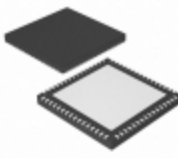
Specifications of MB9AFB41NBPQC-G-JNE2

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AFB41NBPQC-G-JNE2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 96KB FLASH 100QFP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  MB9AFB41NBPQC-G-JNE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                             |
| SPEED                            | 40MHz                                                                                                        |
| SERIES                           | FM3 MB9AB40NB                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                        |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                               |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                                         |
| PACKAGE / CASE                   | 100-BQFP                                                                                                     |
| OTHER NAMES                      | CY9AFB41NBPQC-G-JNE2                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF I/O                    | 83                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| EEPROM SIZE                      | -                                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9AB40NB Microcontroller IC 32-Bit 40MHz 96KB (96K 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, USB                                                                          |

Related Tags

|                                            |                                                 |                                                |
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| Cypress Semiconductor MB9AFB41NBPQC-G-JNE2 | MB9AFB41NBPQC-G-JNE2 Distributor                | MB9AFB41NBPQC-G-JNE2 Supplier                  |
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Related Products

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| <div></div> <div><b>MB9AFB42LBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB9AFB42MBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AFB41LBQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>MB9AFB41NBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 112BGA<br/>In stock: Out stock</div> <div>RFQ</div>      |
| <div></div> <div><b>MB9AFB42MBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB9AFB42LBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AFB42MBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 96BGA<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>MB9AFB41MBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MB9AFB42LBQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MB9AFB41MBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 96BGA<br/>In stock: Out stock</div> <div>RFQ</div>       |
| <div></div> <div><b>MB9AFB41NBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 100LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB9AFB41MBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |