



MB9AF312NAPF-G-JNE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9AF312NAPF-G-JNE1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |  MB9AF312NAPF-G-JNE1.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

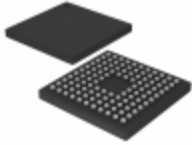
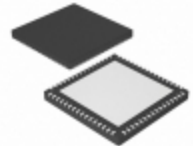
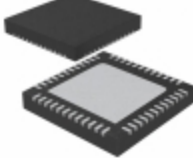
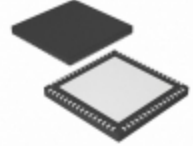
Specifications of MB9AF312NAPF-G-JNE1

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AF312NAPF-G-JNE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100QFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| DATA SHEET                       |  MB9AF312NAPF-G-JNE1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                            |
| SPEED                            | 40MHz                                                                                                       |
| SERIES                           | FM3 MB9A310A                                                                                                |
| 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                   | 100-BQFP                                                                                                    |
| OTHER NAMES                      | CY9AF312NAPF-G-JNE1                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                          |
| NUMBER OF I/O                    | 83                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 25 Weeks                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| EEPROM SIZE                      | -                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9A310A Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 100-PQFP (20x14)        |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                             |
| CONNECTIVITY                     | CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB                                                                 |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB9AF312NAPF-G-JNE1 | MB9AF312NAPF-G-JNE1 Distributor                | MB9AF312NAPF-G-JNE1 Supplier                  |
| MB9AF312NAPF-G-JNE1 Price                 | MB9AF312NAPF-G-JNE1 Pictures                   | MB9AF312NAPF-G-JNE1 Image                     |
| MB9AF312NAPF-G-JNE1 PDF Datasheet         | MB9AF312NAPF-G-JNE1 Download Datasheet         | MB9AF312NAPF-G-JNE1 Datasheet                 |
| MB9AF312NAPF-G-JNE1 Stock                 | Buy MB9AF312NAPF-G-JNE1                        | Buy Cypress Semiconductor MB9AF312NAPF-G-JNE1 |
| Cypress Semiconductor MB9AF312NAPF-G-JNE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9AF312NAPF-G-JNE1 | Cypress Semiconductor Corp MB9AF312NAPF-G-JNE1 |                                               |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB9AF312MAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MB9AF314NABGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 238 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MB9AF314LAQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 50 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MB9AF312NABGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB9AF312NAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB9AF314LAPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 137 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB9AF314MAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 517 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MB9AF314LAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 45 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB9AF312KQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 48QFN<br/>In stock: 510 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MB9AF312LAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB9AF312LAQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MB9AF312LAPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |