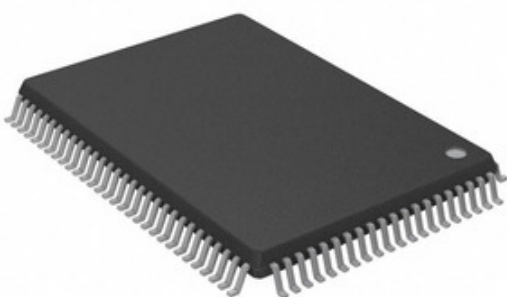




Cypress Semiconductor



MB9AF316NAPF-G-JNE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9AF316NAPF-G-JNE1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 512KB FLASH 100QFP                                                                              |
| Datasheets:         |  MB9AF316NAPF-G-JNE1.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16708 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

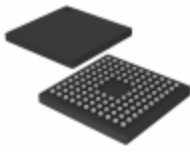
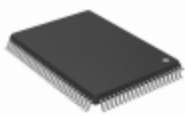
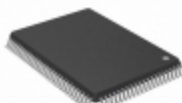
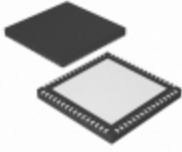
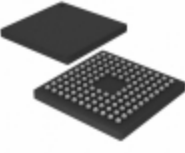
Specifications of MB9AF316NAPF-G-JNE1

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AF316NAPF-G-JNE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100QFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 16708 pcs                                                                                                   |
| DATA SHEET                       |  MB9AF316NAPF-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                         | 32K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                            |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                        |
| PACKAGE / CASE                   | 100-BQFP                                                                                                    |
| OTHER NAMES                      | 1534-1034<br>CY9AF316NAPF-G-JNE1<br>MB9AF316NAPF-G-JNE1-ND                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 MB9A310A Microcontroller IC 32-Bit 40MHz 512KB (512K 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 MB9AF316NAPF-G-JNE1 | MB9AF316NAPF-G-JNE1 Distributor                | MB9AF316NAPF-G-JNE1 Supplier                  |
| MB9AF316NAPF-G-JNE1 Price                 | MB9AF316NAPF-G-JNE1 Pictures                   | MB9AF316NAPF-G-JNE1 Image                     |
| MB9AF316NAPF-G-JNE1 PDF Datasheet         | MB9AF316NAPF-G-JNE1 Download Datasheet         | MB9AF316NAPF-G-JNE1 Datasheet                 |
| MB9AF316NAPF-G-JNE1 Stock                 | Buy MB9AF316NAPF-G-JNE1                        | Buy Cypress Semiconductor MB9AF316NAPF-G-JNE1 |
| Cypress Semiconductor MB9AF316NAPF-G-JNE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9AF316NAPF-G-JNE1 | Cypress Semiconductor Corp MB9AF316NAPF-G-JNE1 |                                               |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB9AF314NAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 17489 pcs</div> <div>RFQ</div> |  <div><b>MB9AF316NABGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 512KB FLASH 112BGA<br/>In stock: 13834 pcs</div> <div>RFQ</div>    |
|  <div><b>MB9AF315NAPF-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 18763 pcs</div> <div>RFQ</div>   |  <div><b>MB9AF341MBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: 33326 pcs</div> <div>RFQ</div> |
|  <div><b>MB9AF341LBPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br/>In stock: 31982 pcs</div> <div>RFQ</div>  |  <div><b>MB9AF314NAPF-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 23115 pcs</div> <div>RFQ</div>  |
|  <div><b>MB9AF315NABGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 112BGA<br/>In stock: 19992 pcs</div> <div>RFQ</div>     |  <div><b>MB9AF341LBQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64QFN<br/>In stock: 36773 pcs</div> <div>RFQ</div>    |
|  <div><b>MB9AF314NABGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 16351 pcs</div> <div>RFQ</div>     |  <div><b>MB9AF341LBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br/>In stock: 30780 pcs</div> <div>RFQ</div>  |
|  <div><b>MB9AF341MBPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: 32686 pcs</div> <div>RFQ</div>   |  <div><b>MB9AF341MBBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 96BGA<br/>In stock: 24661 pcs</div> <div>RFQ</div>      |