



Cypress Semiconductor



MB9BF121MBGL-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF121MBGL-GE1                                                                                             |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 96KB FLASH 96BGA                                                                                |
| Datasheets:         |  MB9BF121MBGL-GE1.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 24684 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

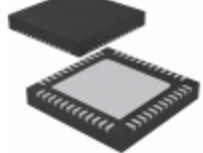
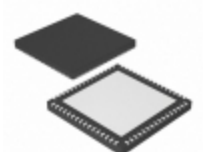
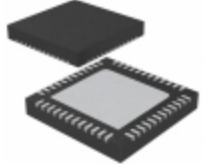
Specifications of MB9BF121MBGL-GE1

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF121MBGL-GE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 96KB FLASH 96BGA                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 24684 pcs                                                                                                |
| DATA SHEET                       |  MB9BF121MBGL-GE1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 96-FBGA (6x6)                                                                                            |
| SPEED                            | 72MHz                                                                                                    |
| SERIES                           | FM3 MB9B120M                                                                                             |
| RAM SIZE                         | 16K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 96-LFBGA                                                                                                 |
| OTHER NAMES                      | CY9BF121MBGL-GE1                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                       |
| NUMBER OF I/O                    | 65                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9B120M Microcontroller IC 32-Bit 72MHz 96KB (96K x 8) FLASH 96-FBGA (6x6)          |
| DATA CONVERTERS                  | A/D 26x12b, D/A 2x10b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                          |
| CONNECTIVITY                     | CSIO, I²C, LINbus, UART/USART                                                                            |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor MB9BF121MBGL-GE1 | MB9BF121MBGL-GE1 Distributor                | MB9BF121MBGL-GE1 Supplier                  |
| MB9BF121MBGL-GE1 Price                 | MB9BF121MBGL-GE1 Pictures                   | MB9BF121MBGL-GE1 Image                     |
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| Cypress Semiconductor MB9BF121MBGL-GE1 | Cypress Semiconductor Corp MB9BF121MBGL-GE1 |                                            |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                      |
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| <div><div><b>MB9BF121LPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br/>In stock: 27363 pcs</div><div>RFQ</div></div>  | <div><div><b>MB9BF122LPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64LQFP<br/>In stock: 21698 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB9BF122KQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 48QFN<br/>In stock: 20241 pcs</div><div>RFQ</div></div>   | <div><div><b>MB9BF121MPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: 19889 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB9BF121KPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 30930 pcs</div><div>RFQ</div></div>  | <div><div><b>MB9BF121LQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64QFN<br/>In stock: 30176 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB9BF121JWQN-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 27102 pcs</div><div>RFQ</div></div>   | <div><div><b>MB9BF121MPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br/>In stock: 23384 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB9BF122LPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 64LQFP<br/>In stock: 21149 pcs</div><div>RFQ</div></div> | <div><div><b>MB9BF121KQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 48QFN<br/>In stock: 28005 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB9BF122KPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 160KB FLASH 48LQFP<br/>In stock: 33544 pcs</div><div>RFQ</div></div> | <div><div><b>MB9BF121LPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br/>In stock: 28400 pcs</div><div>RFQ</div></div>  |