



Cypress Semiconductor



### MB9BF129SAPMC-GK7E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF129SAPMC-GK7E2                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5520 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

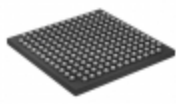
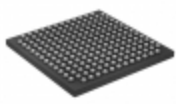
#### Specifications of MB9BF129SAPMC-GK7E2

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF129SAPMC-GK7E2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 5520 pcs                                                                                                    |
| DATA SHEET                       |                                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                            |
| SPEED                            | 60MHz                                                                                                       |
| SERIES                           | FM3 MB9B120TA                                                                                               |
| RAM SIZE                         | 192K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 1.5625MB (1.5625M x 8)                                                                                      |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                        |
| PACKAGE / CASE                   | 144-LQFP                                                                                                    |
| OTHER NAMES                      | MB9BF129SAPMC-GE2<br>MB9BF129SAPMC-GE2-ND                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                          |
| NUMBER OF I/O                    | 122                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| EEPROM SIZE                      | -                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9B120TA Microcontroller IC 32-Bit 60MHz 1.5625MB (1.5625M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x10b                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                             |
| CONNECTIVITY                     | CSIO, EBI/EMI, I²C, LINbus, UART/USART                                                                      |

#### Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB9BF129SAPMC-GK7E2 | MB9BF129SAPMC-GK7E2 Distributor                | MB9BF129SAPMC-GK7E2 Supplier                  |
| MB9BF129SAPMC-GK7E2 Price                 | MB9BF129SAPMC-GK7E2 Pictures                   | MB9BF129SAPMC-GK7E2 Image                     |
| MB9BF129SAPMC-GK7E2 PDF Datasheet         | MB9BF129SAPMC-GK7E2 Download Datasheet         | MB9BF129SAPMC-GK7E2 Datasheet                 |
| MB9BF129SAPMC-GK7E2 Stock                 | Buy MB9BF129SAPMC-GK7E2                        | Buy Cypress Semiconductor MB9BF129SAPMC-GK7E2 |
| Cypress Semiconductor MB9BF129SAPMC-GK7E2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9BF129SAPMC-GK7E2 | Cypress Semiconductor Corp MB9BF129SAPMC-GK7E2 |                                               |

#### Related Products

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| <div></div> <div><b>MB9BF129SPMC-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 4957 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB9BF128TAPMC-GK7E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 6153 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB9BF129TBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.56MB FLASH<br/>In stock: 6372 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MB9BF129TPMC-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 4962 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB9BF129TABGL-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 192BGA<br/>In stock: 5915 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB9BF128SPMC-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 5681 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB9BF129TAPMC-GK7E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 5268 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB9BF128SAPMC-GK7E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 5599 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB9BF128TBGL-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.06MB FLASH<br/>In stock: 6220 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MB9BF128TABGL-GK7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 192BGA<br/>In stock: 5129 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB9BF128TPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.06MB FLASH<br/>In stock: 7976 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MB9BF164KPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 48LQFP<br/>In stock: 21860 pcs</div> <div>RFQ</div> |