



## MB9AF1A2NPMC-G-SNE2

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9AF1A2NPMC-G-SNE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                          |
| Datasheets:         |  <a href="#">MB9AF1A2NPMC-G-SNE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 29582 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

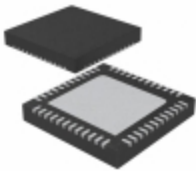
### Specifications of MB9AF1A2NPMC-G-SNE2

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9AF1A2NPMC-G-SNE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 29582 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">MB9AF1A2NPMC-G-SNE2.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                            |
| SPEED                            | 20MHz                                                                                                                       |
| SERIES                           | FM3 MB9A1A0N                                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                            |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                    |
| OTHER NAMES                      | CY9AF1A2NPMC-G-SNE2                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 84                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9A1A0N Microcontroller IC 32-Bit 20MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)                        |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x10b                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                             |
| CONNECTIVITY                     | CSIO, I²C, SPI, UART/USART                                                                                                  |

### Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB9AF1A2NPMC-G-SNE2 | MB9AF1A2NPMC-G-SNE2 Distributor                | MB9AF1A2NPMC-G-SNE2 Supplier                  |
| MB9AF1A2NPMC-G-SNE2 Price                 | MB9AF1A2NPMC-G-SNE2 Pictures                   | MB9AF1A2NPMC-G-SNE2 Image                     |
| MB9AF1A2NPMC-G-SNE2 PDF Datasheet         | MB9AF1A2NPMC-G-SNE2 Download Datasheet         | MB9AF1A2NPMC-G-SNE2 Datasheet                 |
| MB9AF1A2NPMC-G-SNE2 Stock                 | Buy MB9AF1A2NPMC-G-SNE2                        | Buy Cypress Semiconductor MB9AF1A2NPMC-G-SNE2 |
| Cypress Semiconductor MB9AF1A2NPMC-G-SNE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB9AF1A2NPMC-G-SNE2 | Cypress Semiconductor Corp MB9AF1A2NPMC-G-SNE2 |                                               |

### Related Products

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| <div></div> <div><b>MB9AF1A2MPMC-G-UNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH<br/>In stock: 24794 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MB9AF1A2LPMC1-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 41820 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AF1A2MPMC1-G-UNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH<br/>In stock: 27312 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MB9AF311KPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 52LQFP<br/>In stock: 29931 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB9AF311KQN-G-AVE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 48QFN<br/>In stock: 27570 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB9AF311KPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 31939 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB9AF1A2NPF-G-SNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 20660 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB9AF1A2MPMC-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 28475 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB9AF1A2NPMC-G-UNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH<br/>In stock: 21831 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MB9AF1A2MPMC1-G-SNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 29184 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB9AF311LAPMC1-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 32203 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB9AF311LAPMC-G-JNE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 33523 pcs</div> <div>RFQ</div>  |