

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | MB9AFAA2LPMC-G-SNE2                                     |
| Manufacturer               | Cypress Semiconductor                                   |
| Description                | IC MCU 32BIT 128KB FLASH 64LQFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2556 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.5 V                                           |
| Supplier Device Package    | 64-LQFP (12x12)                                         |
| Speed                      | 20MHz                                                   |
| Series                     | FM3 MB9AAA0N                                            |
| RAM Size                   | 16K x 8                                                 |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 128KB (128K x 8)                                        |
| Peripherals                | LCD, LVD, POR, PWM, WDT                                 |
| Packaging                  | Tray                                                    |
| Package / Case             | 64-LQFP                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 52                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 9x12b, D/A 2x10b                                    |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | ARM® Cortex®-M3                                         |
| Connectivity               | CSIO, I²C, UART/USART                                   |

In:



**MB9AFAA2LPMC1-G-SNE2**  
Cypress Semiconductor Corp  
IC MCU 32BIT 128KB FLASH  
64LQFP

  
**MB9AFAA2LPMC1-G-UNE2**  
Cypress Semiconductor  
IC MCU 32BIT 128KB FLASH

  
**MB9AFAA1NPMC-G-SNE2**  
Cypress Semiconductor Corp  
IC MCU 32BIT 64KB FLASH  
100QFP

  
**MB9AFAA2MPMC1-G-SNE2**  
Cypress Semiconductor Corp  
IC MCU 32BIT 128KB FLASH  
80LQFP

  
**MB9AFAA2MPMC-G-SNE2**  
Cypress Semiconductor Corp  
IC MCU 32BIT 128KB FLASH  
80LQFP



  
**MB9AFAA1NPMC-G-UNE2**  
Cypress Semiconductor  
IC MCU 32BIT 64KB FLASH

  
**MB9AFAA2MPMC-G-UNE2**  
Cypress Semiconductor  
IC MCU 32BIT 128KB FLASH

More

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