



Cypress Semiconductor

MB9AF132LBQN-G-AVE2

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| Part Number: | MB9AF132LBQN-G-AVE2 |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description: | IC MCU 32BIT 128KB FLASH 64QFN |
| Datasheets: | 1.MB9AF132LBQN-G-AVE2.pdf 2.MB9AF132LBQN-G-AVE2.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 18920 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of MB9AF132LBQN-G-AVE2

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|----------------------------------|---|
| PART NUMBER | MB9AF132LBQN-G-AVE2 |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC MCU 32BIT 128KB FLASH 64QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 18920 pcs |
| DATA SHEET | 1.MB9AF132LBQN-G-AVE2.pdf 2.MB9AF132LBQN-G-AVE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.8 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 64-QFN (9x9) |
| SPEED | 20MHz |
| SERIES | FM3 MB9A130LB |
| RAM SIZE | 8K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 128KB (128K x 8) |
| PERIPHERALS | LVD, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 64-VFQFN Exposed Pad |
| OTHER NAMES | 1534-1107 CY9AF132LBQN-G-AVE2 MB9AF132LBQN-G-AVE2-ND |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 52 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M3 FM3 MB9A130LB Microcontroller IC 32-Bit 20MHz 128KB (128K x 8) FLASH 64-QFN (9x9) |
| DATA CONVERTERS | A/D 8x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M3 |
| CONNECTIVITY | CSIO, I ² C, UART/USART |

Related Tags

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| <p>MB9AF132LAPMC1-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 2727 pcs RFQ</p> | <p>MB9AF132MPMC-G-SNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH In stock: 26328 pcs RFQ</p> |
| <p>MB9AF141LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 35077 pcs RFQ</p> | <p>MB9AF141LBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 25050 pcs RFQ</p> |
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