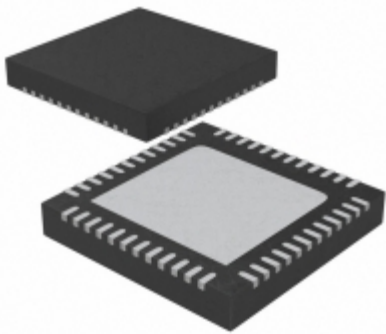


MB9BF324KQN-G-AVE2



Images are for reference only.  
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Part Number: [MB9BF324KQN-G-AVE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 48QFN

Data sheet:  [MB9B320M Series](#)

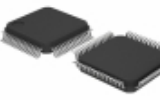
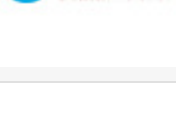
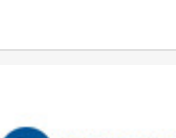
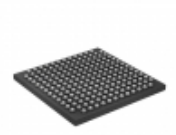
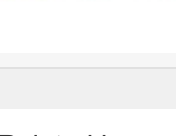
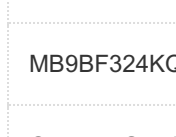
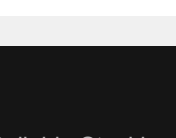
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB9BF324KQN-G-AVE2                        | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 288KB FLASH 48QFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27388 pcs                                 | Data sheet                       | <a href="#">MB9B320M Series</a>                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48-QFN (7x7)                              | Speed                            | 72MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FM3 MB9B320M                              | RAM Size                         | 32K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size              | 288KB (288K x 8)                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DMA, LVD, POR, PWM, WDT                   | Packaging                        | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48-VFQFN Exposed Pad                      | Other Names                      | CY9BF324KQN-G-AVE2                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | ARM® Cortex®-M3 FM3 MB9B320M Microcontroller IC 32-Bit 72MHz 288KB (288K x 8) FLASH 48-QFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 14x12b, D/A 2x10b                     | Core Size                        | 32-Bit                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ARM® Cortex®-M3                           | Connectivity                     | CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 27388 pieces of Cypress Semiconductor MB9BF324KQN-G-AVE2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                  |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB9BF324LPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF328SAPMC-GK7E2</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322MBGL-GE1</a><br>Description: IC MCU 32BIT 160KB FLASH 96BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF328TAPMC-GK7E2</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324MPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 80LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322KQN-G-AVE2</a><br>Description: IC MCU 32BIT 160KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322MPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 80LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322LQN-G-AVE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 48LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF328SPMC-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322LPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF321MPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 96KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322MPMC-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324MPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 80LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324LPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF328TABGL-GK7E1</a><br>Description: IC MCU 32BIT 1MB FLASH 192BGA    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324KPMC-G-JNE2</a><br>Description: IC MCU 32BIT 288KB FLASH 48LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324LQN-G-AVE2</a><br>Description: IC MCU 32BIT 288KB FLASH 64QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF322LPMC1-G-JNE2</a><br>Description: IC MCU 32BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB9BF324MBGL-GE1</a><br>Description: IC MCU 32BIT 288KB FLASH 96BGA      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for MB9BF324KQN-G-AVE2

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