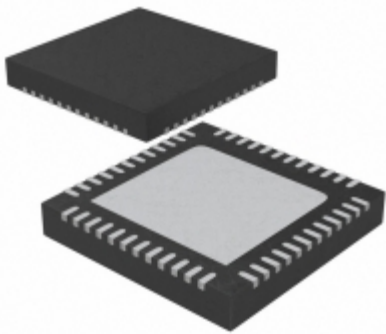


MB9BF364KQN-G-AVE2



Images are for reference only.
See Product Specifications for product details.
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**CYPRESS**
EMBEDDED IN TOMORROW™

Part Number: [MB9BF364KQN-G-AVE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 48QFN

Data sheet:  [MB9B360L Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

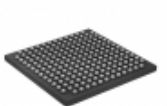
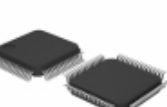
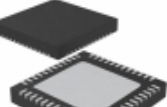
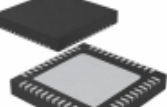
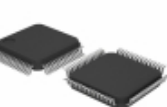
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MB9BF364KQN-G-AVE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21405 pcs	Data sheet	MB9B360L Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-QFN (7x7)	Speed	160MHz
Series	FM4 MB9B360L	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	CY9BF364KQN-G-AVE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	33	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 MB9B360L Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 8x12b, A/D 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, I²C, LINbus, UART/USART, USB

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	Part#: MB9BF328TAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF329TBGL-GE1 Description: IC MCU 32BIT 1.56MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF365KPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF365KQN-G-AVE2 Description: IC MCU 32BIT 416KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF366KQN-G-AVE2 Description: IC MCU 32BIT 544KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF329SPMC-GK7E1 Description: IC MCU 32BIT 1.6MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF365LPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF329TAPMC-GK7E2 Description: IC MCU 32BIT 1.6MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF364KPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF328TBGL-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF365LQN-G-AVE2 Description: IC MCU 32BIT 416KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF364LPMC1-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF364LQN-G-AVE2 Description: IC MCU 32BIT 288KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ

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