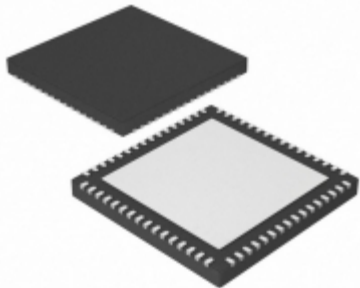


MB9BF164LQN-G-AVE2



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MB9BF164LQN-G-AVE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 64QFN

Data sheet:  [MB9B160L Series](#)

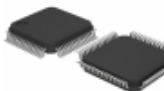
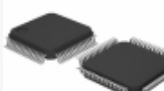
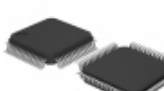
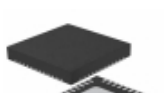
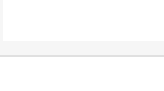
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MB9BF164LQN-G-AVE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26111 pcs	Data sheet	MB9B160L Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	160MHz
Series	FM4 MB9B160L	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	64-VFQFN Exposed Pad	Other Names	CY9BF164LQN-G-AVE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	48	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 MB9B160L Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 15x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, I²C, LINbus, UART/USART
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	Part#: MB9BF164LPMC1-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF165LPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166KQN-G-AVE2 Description: IC MCU 32BIT 544KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF165KQN-G-AVE2 Description: IC MCU 32BIT 416KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129TABGL-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF129TAPMC-GK7E2 Description: IC MCU 32BIT 1.5MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129SPMC-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF164LPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF165LPMC1-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166KZPMC-G-JNE2 Description: MM MCU	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129TBGL-GE1 Description: IC MCU 32BIT 1.56MB FLASH	Manufacturers: Cypress Semiconductor	RFQ

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