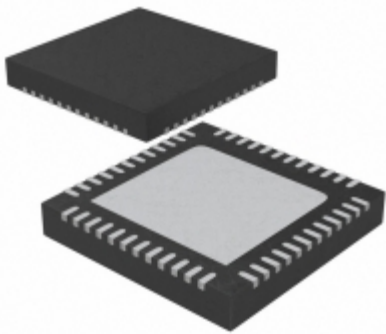


MB9AF131KBQN-G-AVE2



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

Part Number: [MB9AF131KBQN-G-AVE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 64KB FLASH 48QFN

Data sheet:  [MB9A130LB Datasheet](#)

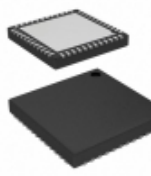
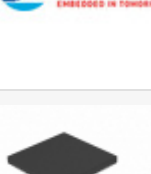
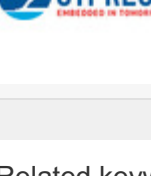
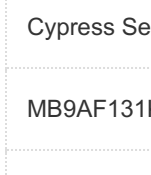
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MB9AF131KBQN-G-AVE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 64KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32683 pcs	Data sheet	MB9A130LB Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	48-QFN (7x7)	Speed	20MHz
Series	FM3 MB9A130LB	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	CY9AF131KBQN-G-AVE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	37	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®-M3 FM3 MB9A130LB Microcontroller IC 32-Bit 20MHz 64KB (64K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 6x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, I²C, UART/USART
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	Part#: MB9AF131KAQN-G-AVE2 Description: IC MCU 32BIT 64KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF132KBPMC-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF121KPMC1-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 52LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF131KAPMC-G-SNE2 Description: IC MCU 32BIT 64KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF121LWQN-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF131LAPMC1-G-UNE2 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF131MPMC-G-SNE2 Description: IC MCU 32BIT 64KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF121LPMC1-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF131LBPMC-G-SNE2 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF121KPMC-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF131KAPMC-G-UNE2 Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ

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