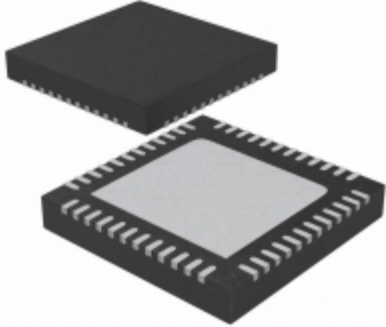


MB9AF311KQN-G-AVE2



Images are for reference only.
See Product Specifications for product details.
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Part Number: MB9AF311KQN-G-AVE2

Manufacturer: Cypress Semiconductor

Description: IC MCU 32BIT 96KB FLASH 48QFN

Data sheet:  [MB9AF31\(1,2\)K Series Datasheet](#)

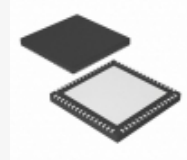
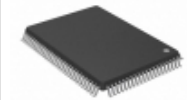
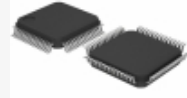
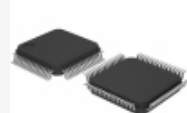
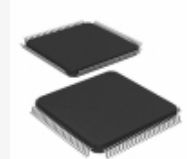
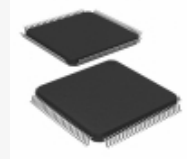
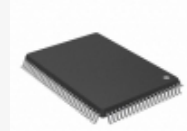
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MB9AF311KQN-G-AVE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 96KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26679 pcs	Data sheet	MB9AF31(1,2)K Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-QFN (7x7)	Speed	40MHz
Series	FM3 MB9A310K	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-WFQFN Exposed Pad	Other Names	CY9AF311KQN-G-AVE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9A310K Microcontroller IC 32-Bit 40MHz 96KB (96K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, I²C, LINbus, UART/USART, USB
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	Part#: MB9AF1A2NPF-G-SNE1 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311LAPMC1-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311NABGL-GE1 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2MPMC1-G-UNE2 Description: IC MCU 32BIT 128KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2NPMC-G-UNE2 Description: IC MCU 32BIT 128KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311LAPMC-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2MPMC-G-UNE2 Description: IC MCU 32BIT 128KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2LPMC1-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311KPMC1-G-JNE2 Description: IC MCU 32BIT 96KB FLASH 52LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2NPMC-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312KPMC-G-104-JNE2 Description: IC MCU 32BIT 160KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311NAPMC-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311KPMC-G-JNE2 Description: IC MCU 32BIT 96KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF1A2MPMC1-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312KPMC-G-JNE2 Description: IC MCU 32BIT 160KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311NAPF-G-JNE1 Description: IC MCU 32BIT 64KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF311MAPMC-G-JNE2 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312KPMC1-G-JNE2 Description: IC MCU 32BIT 160KB FLASH 52LQFP	Manufacturers: Cypress Semiconductor	RFQ

Related keywords for MB9AF311KQN-G-AVE2

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