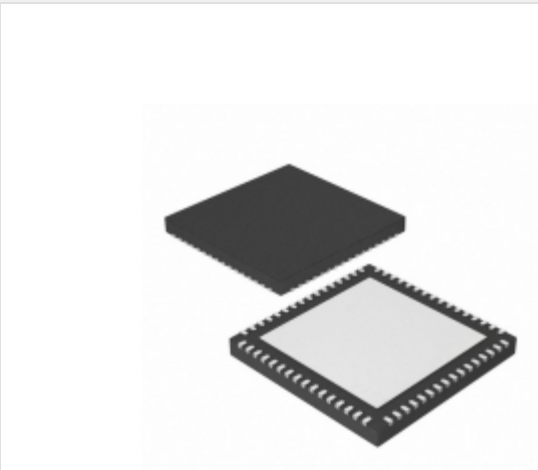


MB9BF566LQN-G-AVE2



Part Number:

MB9BF566LQN-G-AVE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 544KB FLASH 64QFN

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

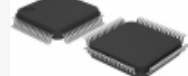
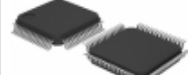
Shipment Way:

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MB9BF566LQN-G-AVE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22952 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	160MHz
Series	FM4 MB9B560L	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Other Names	1534-1105 CY9BF566LQN-G-AVE2 MB9BF566LQN-G-AVE2-ND
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	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 MB9B560L Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 15x12b, A/D 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, I²C, LINbus, UART/USART, USB
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	Part#: MB9BF566NPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF566RPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF566LPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF565LPMC1-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF565KPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF565LPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF567MPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
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