

MB9BF564KPMC-G-JNE2



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Part Number: [MB9BF564KPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 48LQFP

Data sheet:  [MB9B560L Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

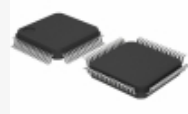
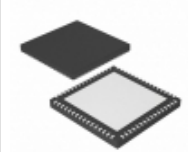
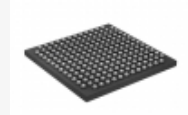
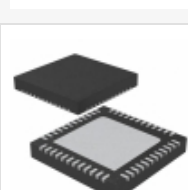
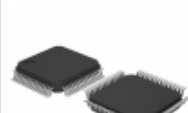
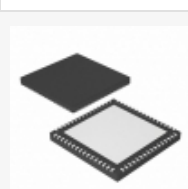
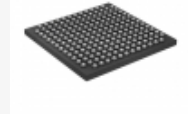
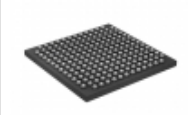
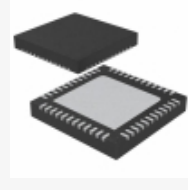
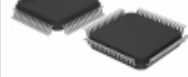
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PRODUCT PARAMETER			
Part Number	MB9BF564KPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19237 pcs	Data sheet	MB9B560L Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	160MHz
Series	FM4 MB9B560L	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-LQFP	Other Names	CY9BF564KPMC-G-JNE2
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 MB9B560L Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 8x12b, 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#: MB9BF565LQN-G-AVE2 Description: IC MCU 32BIT 416KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF528TABGL-GK7E1 Description: IC MCU 32BIT 1MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF564KQN-G-AVE2 Description: IC MCU 32BIT 288KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF528TBGL-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF564LPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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