

MB9BF168MPMC-G-JNE2



Part Number: [MB9BF168MPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1MB FLASH 80LQFP

Data sheet:  [MB9B160R Series](#)

RoHs Status: Lead free / RoHS Compliant

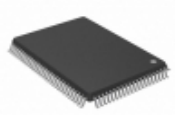
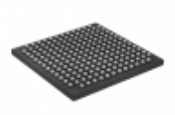
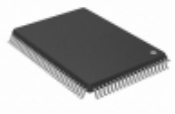
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PRODUCT PARAMETER			
Part Number	MB9BF168MPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14280 pcs	Data sheet	MB9B160R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	80-LQFP (12x12)	Speed	160MHz
Series	FM4 MB9B160R	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1.03125MB (1.03125M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	63
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 MB9B160R Microcontroller IC 32-Bit 160MHz 1.03125MB (1.03125M x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CSIO, I²C, LINbus, UART/USART		
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	Part#: MB9BF217SPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF216SPMC-GK7E1 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167NPQC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167NPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF167RPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF166RBGL-GK7E1 Description: IC MCU 32BIT 544KB FLASH 144BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166RTPMC-G-JNE2 Description: MM MCU	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167MPMC1-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF216TPMC-GK7E1 Description: IC MCU 32BIT 512KB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168NPQC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167MPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ

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