

MB9BF165KPMC-G-JNE2





Part Number:

MB9BF165KPMC-G-JNE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 416KB FLASH 48LQFP

Data sheet:

 [MB9B160L Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

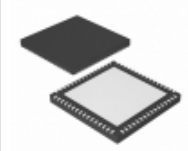
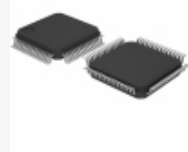
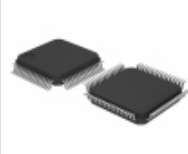
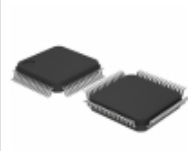
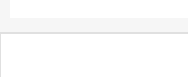
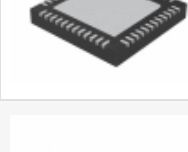
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MB9BF165KPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 416KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23662 pcs	Data sheet	MB9B160L 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 MB9B160L	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	416KB (416K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	CY9BF165KPMC-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 MB9B160L Microcontroller IC 32-Bit 160MHz 416KB (416K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, I²C, LINbus, UART/USART
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RELATED PRODUCTS			
	Part#: MB9BF164LQN-G-AVE2 Description: IC MCU 32BIT 288KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF165LPMC1-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129SPMC-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF164LPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF165LPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129TAPMC-GK7E2 Description: IC MCU 32BIT 1.5MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166KPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166LPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166LPMC1-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF129TPMC-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF166KQN-G-AVE2 Description: IC MCU 32BIT 544KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF164KQN-G-AVE2 Description: IC MCU 32BIT 288KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF164LPMC1-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF165LQN-G-AVE2 Description: IC MCU 32BIT 416KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF164KPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF166LQN-G-AVE2 Description: IC MCU 32BIT 544KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ

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