

MB9BF415RPMC-G-JNE2





Part Number: [MB9BF415RPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 416KB FLASH 120LQFP

Data sheet:  [MB9B410R Series](#)

RoHs Status: Lead free / RoHS Compliant

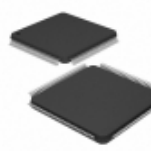
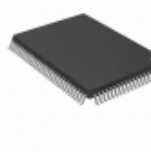
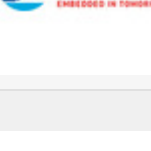
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PRODUCT PARAMETER			
Part Number	MB9BF415RPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 416KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17849 pcs	Data sheet	MB9B410R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	120-LQFP (16x16)	Speed	144MHz
Series	FM3 MB9B410R	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	120-LQFP	Other Names	CY9BF415RPMC-G-JNE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	103	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 MB9B410R Microcontroller IC 32-Bit 144MHz 416KB (416K x 8) FLASH 120-LQFP (16x16)
Data Converters	A/D 16x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART
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	Part#: MB9BF412RPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
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	Description: IC MCU 32BIT 416KB FLASH 100QFP		
	Part#: MB9BF416NPQC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 100QFP		
	Part#: MB9BF416TPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 176LQFP		
	Part#: MB9BF417TPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 768KB FLASH 176LQFP		
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	Description: IC MCU 32BIT 288KB FLASH 100LQFP		
	Part#: MB9BF416TBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 192BGA		
	Part#: MB9BF416SPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 144LQFP		
	Part#: MB9BF416NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 100LQFP		
	Part#: MB9BF417SPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 768KB FLASH 144LQFP		
	Part#: MB9BF417TBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 768KB FLASH 192BGA		
	Part#: MB9BF414NPQC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 100QFP		
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	Description: IC MCU 32BIT 288KB FLASH 112BGA		
	Part#: MB9BF412NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 160KB FLASH 100LQFP		
	Part#: MB9BF416NBGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 112BGA		
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