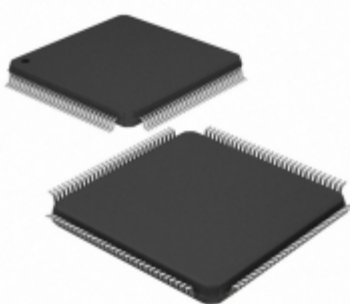


MB9BF312RPMC-G-JNE2





Part Number: [MB9BF312RPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 160KB FLASH 120LQFP

Data sheet:  [MB9B310R Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

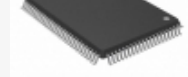
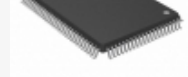
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MB9BF312RPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 160KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10595 pcs	Data sheet	MB9B310R 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 MB9B310R	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	160KB (160K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	120-LQFP	Other Names	CY9BF312RPMC-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 MB9B310R Microcontroller IC 32-Bit 144MHz 160KB (160K x 8) FLASH 120-LQFP (16x16)
Data Converters	A/D 16x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

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	Part#: MB9BF316NPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF305NBPMC-G-JNE2 Description: IC MCU 32BIT 384KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF312NPQC-G-JNE2 Description: IC MCU 32BIT 160KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF315RPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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