

MB9BF505NBPMC-G-JNE2



Part Number: [MB9BF505NBPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 384KB FLASH 100LQFP

Data sheet:  [MB9B500B Series](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MB9BF505NBPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 384KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14660 pcs	Data sheet	MB9B500B Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	80MHz
Series	FM3 MB9B500B	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	CY9BF505NBPMC-G-JNE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	80	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®-M3 FM3 MB9B500B Microcontroller IC 32-Bit 80MHz 384KB (384K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 16x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB
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	Part#: MB9BF505NBBGL-GK6E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 384KB FLASH 112BGA		
	Part#: MB9BF506NBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH		
	Part#: MB9BF506NPMC-G-JNE1	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF512NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 160KB FLASH 100LQFP		
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	Description: IC MCU 32BIT 256KB FLASH 120LQFP		
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	Description: IC MCU 32BIT 1MB FLASH 100LQFP		
	Part#: MB9BF512NBGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 160KB FLASH 112BGA		
	Part#: MB9BF468RPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 120LQFP		
	Part#: MB9BF506NBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 100LQFP		
	Part#: MB9BF506RBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 120LQFP		
	Part#: MB9BF504RPMC-GE1	Manufacturers: Fujitsu Electronics America, Inc.	RFQ
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	Description: IC MCU 32BIT 256KB FLASH 100LQFP		
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	Description: IC MCU 32BIT 160KB FLASH 100QFP		

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