

MB9BF506NBPMC-G-JNE2



Part Number: [MB9BF506NBPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [MB9B500B Series](#)

RoHs Status: Lead free / RoHS Compliant

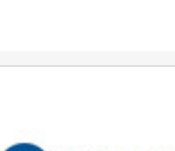
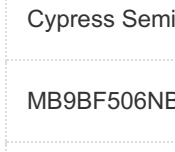
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PRODUCT PARAMETER			
Part Number	MB9BF506NBPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10306 pcs	Data sheet	MB9B500B Series
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	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	CY9BF506NBPMC-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	28 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9B500B Microcontroller IC 32-Bit 80MHz 512KB (512K 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#: MB9BF506NBBGL-GK6E1 Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF514NBGL-GE1 Description: IC MCU 32BIT 288KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF505RBP Description: IC MCU 32BIT 384KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF505NBBGL-GK6E1 Description: IC MCU 32BIT 384KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF512RPM Description: IC MCU 32BIT 160KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF504RPM Description: IC MCU 32BIT 256KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF468RPM Description: IC MCU 32BIT 1MB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF504NBBGL-GK6E1 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF506RBP Description: IC MCU 32BIT 512KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF514NPMC Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF514NPQC Description: IC MCU 32BIT 288KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF512NBGL-GE1 Description: IC MCU 32BIT 160KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ

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