

MB9AFB41LBPMC1-G-JNE2



**Part Number:** [MB9AFB41LBPMC1-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 96KB FLASH 64LQFP

Data sheet:  [MB9AFB4xLB/MB/NB Series](#)

RoHs Status: Lead free / RoHS Compliant

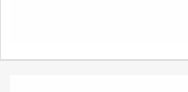
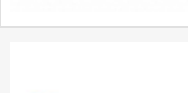
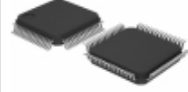
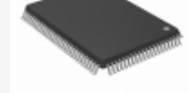
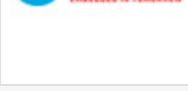
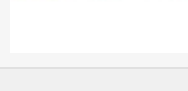
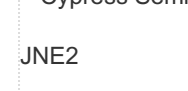
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PRODUCT PARAMETER			
Part Number	MB9AFB41LBPMC1-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 96KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30647 pcs	Data sheet	MB9AFB4xLB/MB/NB Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	40MHz
Series	FM3 MB9AB40NB	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	CY9AFB41LBPMC1-G-JNE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	51	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 MB9AB40NB Microcontroller IC 32-Bit 40MHz 96KB (96K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 12x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, I²C, UART/USART, USB
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	Part#: MB9AFAA2NPMC-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFB41MBPMC1-G-JNE2 Description: IC MCU 32BIT 96KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AFAA2MPMC-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AFB42LBPMC-G-JNE2 Description: IC MCU 32BIT 160KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFAA2NPF-G-SNE1 Description: IC MCU 32BIT 128KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFAA2MPMC-G-UNE2 Description: IC MCU 32BIT 128KB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFB41LBQN-G-AVE2 Description: IC MCU 32BIT 96KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFB41MBBGL-GE1 Description: IC MCU 32BIT 96KB FLASH 96BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AFAA2MPMC1-G-SNE2 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ

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