

MB9AF312MAPMC-G-JNE2



Part Number: [MB9AF312MAPMC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 128KB FLASH 80LQFP

Data sheet:  [MB9A310A Series](#)

RoHs Status: Lead free / RoHS Compliant

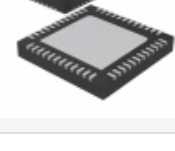
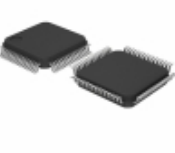
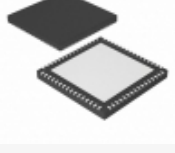
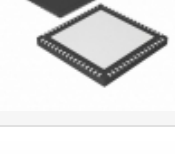
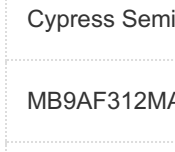
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PRODUCT PARAMETER			
Part Number	MB9AF312MAPMC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24128 pcs	Data sheet	MB9A310A Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	80-LQFP (12x12)	Speed	40MHz
Series	FM3 MB9A310A	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	66
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	25 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 FM3 MB9A310A Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB		
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	Part#: MB9AF314NAPMC-G-JNE2 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312KQN-G-AVE2 Description: IC MCU 32BIT 160KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF312LAPMC-G-JNE2 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF314LAQN-G-AVE2 Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF312LAQN-G-AVE2 Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312LAPMC1-G-JNE2 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF314LAPMC1-G-JNE2 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ

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