

CY9AF316MAPMC-G-MNE2



Part Number: [CY9AF316MAPMC-G-MNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 512KB FLASH 80LQFP

Data sheet:  [MB9AF311-16LA/MA/NA Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

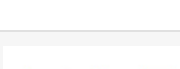
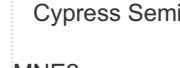
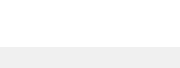
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PRODUCT PARAMETER			
Part Number	CY9AF316MAPMC-G-MNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 512KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22092 pcs	Data sheet	MB9AF311-16LA/MA/NA 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	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	1534-1016 MB9AF316MAPMC-G-JNE2 MB9AF316MAPMC-G-JNE2-ND
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	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9A310A Microcontroller IC 32-Bit 40MHz 512KB (512K 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#: CY95F778JPMC2-G-UNE2 Description: IC MCU 8BIT 60KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9266-FX Description: EVALUATION BOARD FOR HOTLINK	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9AF115MAPMC-G-MNE2 Description: IC MCU 32BIT 384KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9AF315NAPMC-G-MNE2 Description: IC MCU 32BIT 384KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: LM3S5Y36-IQR80-C1T Description: IC MCU 32BIT 16KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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	Part#: CY95F634HPMC-G-UNE2 Description: IC MCU 8BIT 20KB FLASH 32LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY9AF116NAPMC-G-MNE2 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9266-T Description: EVALUATION BOARD FOR HOTLINK	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY95F718JPMC-G-UNE2 Description: IC MCU 8BIT 60KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9266-C Description: EVALUATION BOARD FOR HOTLINK	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY9AF116MAPMC-G-MNE2 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY9AF316NAPMC-G-MNE2 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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