

MB9BF506RBPMC-G-UNE2





Part Number: [MB9BF506RBPMC-G-UNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 512KB FLASH 120LQFP

Data sheet:  [MB9B500B Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

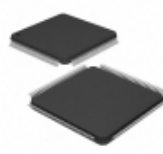
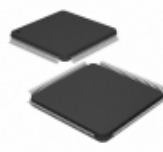
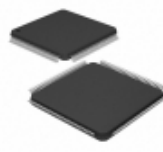
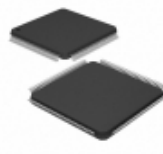
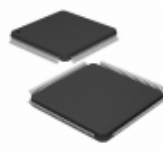
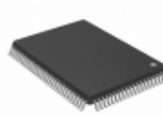
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PRODUCT PARAMETER			
Part Number	MB9BF506RBPMC-G-UNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 512KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15614 pcs	Data sheet	MB9B500B Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	120-LQFP (16x16)	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	120-LQFP	Other Names	1534-1072 CY9BF506RBPMC-G-UNE2 MB9BF506RBPMC-G-JNE2 MB9BF506RBPMC-G-JNE2-ND MB9BF506RBPMC-G-UNE2-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 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 120-LQFP (16x16)
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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