

MB9BF324MBGL-GE1



Part Number: [MB9BF324MBGL-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 96BGA

Data sheet:  [MB9B320M Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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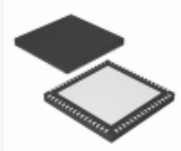
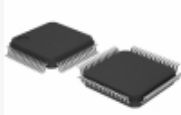
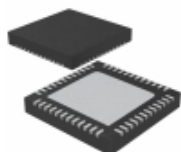
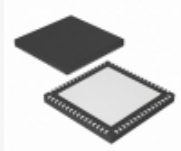
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MB9BF324MBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 96BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21176 pcs	Data sheet	MB9B320M Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	96-FBGA (6x6)	Speed	72MHz
Series	FM3 MB9B320M	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	96-LFBGA	Other Names	CY9BF324MBGL-GE1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	65	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 MB9B320M Microcontroller IC 32-Bit 72MHz 288KB (288K x 8) FLASH 96-FBGA (6x6)
Data Converters	A/D 26x12b, D/A 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

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	Part#: MB9BF322MPMC-G-JNE2 Description: IC MCU 32BIT 160KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
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