

MB9BF568NPQC-G-JNE2





Part Number: [MB9BF568NPQC-G-JNE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1MB FLASH 100QFP

Data sheet:  [MB9BF566-68M/N/R Series](#)

RoHs Status: Lead free / RoHS Compliant

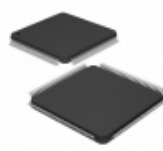
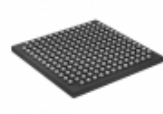
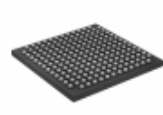
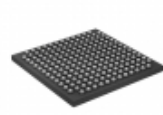
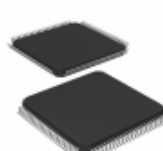
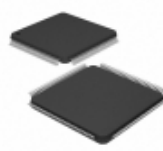
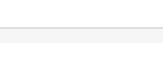
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PRODUCT PARAMETER			
Part Number	MB9BF568NPQC-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11561 pcs	Data sheet	MB9BF566-68M/N/R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	160MHz
Series	FM4 MB9B560R	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1.03125MB (1.03125M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-BQFP	Other Names	CY9BF568NPQC-G-JNE2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	80	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®-M4F FM4 MB9B560R Microcontroller IC 32-Bit 160MHz 1.03125MB (1.03125M x 8) FLASH 100-PQFP (20x14)
Data Converters	A/D 24x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, SD, UART/USART, USB
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RELATED PRODUCTS			
	Part#: MB9BF567RPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 800KB FLASH 120LQFP		
	Part#: MB9BF617TBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 768KB FLASH 192BGA		
	Part#: MB9BF616TPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 176LQFP		
	Part#: MB9BF618TBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 192BGA		
	Part#: MB9BF568MPMC1-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 80LQFP		
	Part#: MB9BF616TBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 192BGA		
	Part#: MB9BF568NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 100LQFP		
	Part#: MB9BF568RBGL-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 144FBGA		
	Part#: MB9BF567NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 800KB FLASH 100LQFP		
	Part#: MB9BF568RPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 120LQFP		
	Part#: MB9BF617SPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 768KB FLASH 144LQFP		
	Part#: MB9BF616SPMC-GK7E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 512KB FLASH 144LQFP		
	Part#: MB9BF567NBGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 800KB FLASH 112BGA		
	Part#: MB9BF568MPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 1MB FLASH 80LQFP		
	Part#: MB9BF567MPMC1-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 800KB FLASH 80LQFP		
	Part#: MB9BF567NPQC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
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Related keywords for MB9BF568NPQC-G-JNE2

Cypress Semiconductor MB9BF568NPQC-G-JNE2	MB9BF568NPQC-G-JNE2 distributor	MB9BF568NPQC-G-JNE2 supplier	MB9BF568NPQC-G-JNE2 price
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