

MB9BF466RBGL-GK7E1



Part Number: [MB9BF466RBGL-GK7E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 544KB FLASH 144BGA

Data sheet:  [MB9B460R Series](#)

RoHs Status: Lead free / RoHS Compliant

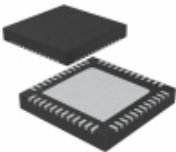
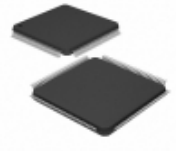
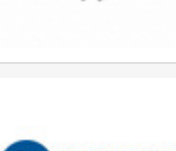
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PRODUCT PARAMETER			
Part Number	MB9BF466RBGL-GK7E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6650 pcs	Data sheet	MB9B460R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	144-FBGA (7x7)	Speed	160MHz
Series	FM4 MB9B460R	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LFBGA	Other Names	CY9BF466RBGL-GK7E1 MB9BF466RBGL-GE1 MB9BF466RBGL-GE1-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	100	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®-M4F FM4 MB9B460R Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 144-FBGA (7x7)
Data Converters	A/D 24x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, I²C, LINbus, UART/USART
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	Part#: MB9BF466NBGL-GE1 Description: IC MCU 32BIT 544KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF467MPMC1-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF467NPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF467MPMC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF466LPMC1-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF467RBGL-GK7E1 Description: IC MCU 32BIT 800KB FLASH 144BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF468MPMC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF466LPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF466RPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF466MPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF466MPMC1-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ

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