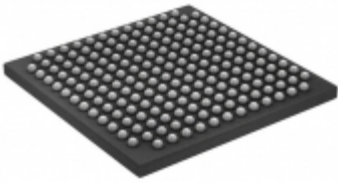


MB9BF216TBGL-GK7E1





Part Number: [MB9BF216TBGL-GK7E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 512KB FLASH 192BGA

Data sheet:  [MB9B216,1718T](#)
 [MB9B210T Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

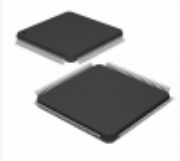
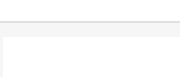
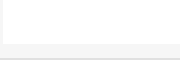
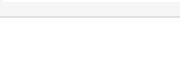
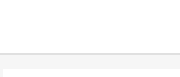
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MB9BF216TBGL-GK7E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 512KB FLASH 192BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7723 pcs	Data sheet	MB9B216,1718T MB9B210T Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	192-FBGA (12x12)	Speed	144MHz
Series	FM3 MB9B210T	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	192-LFBGA	Other Names	CY9BF216TBGL-GK7E1 MB9BF216TBGL-GE1 MB9BF216TBGL-GE1-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	154	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	28 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9B210T Microcontroller IC 32-Bit 144MHz 512KB (512K x 8) FLASH 192-FBGA (12x12)
Data Converters	A/D 32x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, EBI/EMI, Ethernet, I²C, LINbus, UART/USART, USB
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	Part#: MB9BF218TPMC-GK7E1 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF217TPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF218TPMC-GE1 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168NPQC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168MPMC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168MPMC1-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF217SPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF216TPMC-GK7E1 Description: IC MCU 32BIT 512KB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168RPMC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168NPMC-G-JNE2 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168RBGL-GK7E1 Description: IC MCU 32BIT 1MB FLASH 144BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167RBGL-GK7E1 Description: IC MCU 32BIT 800KB FLASH 144BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF168NBGL-GE1 Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF304NBBGL-GK6E1 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF304NBPMMC-G-JNE2 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF217TBGL-GK7E1 Description: IC MCU 32BIT 768KB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF218TBGL-GK7E1 Description: IC MCU 32BIT 1MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF216SPMC-GK7E1 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ

Related keywords for MB9BF216TBGL-GK7E1

Cypress Semiconductor MB9BF216TBGL-GK7E1	MB9BF216TBGL-GK7E1 distributor	MB9BF216TBGL-GK7E1 supplier	MB9BF216TBGL-GK7E1 price
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