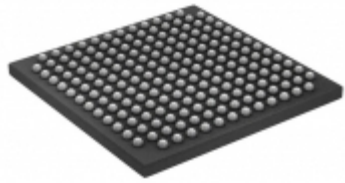


MB9BF418TBGL-GK7E1



Part Number: [MB9BF418TBGL-GK7E1](#)
Manufacturer: [Cypress Semiconductor](#)
Description: IC MCU 32BIT 1MB FLASH 192BGA
Data sheet: [PDF MB9B410T Series](#)

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	MB9BF418TBGL-GK7E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 192BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7626 pcs	Data sheet	MB9B410T Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	192-FBGA (12x12)	Speed	144MHz
Series	FM3 MB9B410T	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	192-LFBGA	Other Names	CY9BF418TBGL-GK7E1 MB9BF418TBGL-GE1 MB9BF418TBGL-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 MB9B410T Microcontroller IC 32-Bit 144MHz 1MB (1M x 8) FLASH 192-FBGA (12x12)
Data Converters	A/D 32x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, CSIO, EBI/EMI, I ² C, LINbus, UART/USART

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	Part#: MB9BF417SPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF428TBGL-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428SPMC-GK7E1 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF428SAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF428TPMC-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF429SPMC-GK7E1 Description: IC MCU 32BIT 1.6MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF418TPMC-GK7E1 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
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