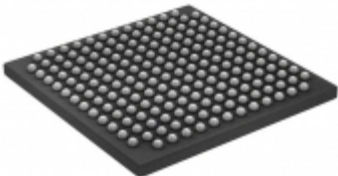


MB9BF428TABGL-GK7E1





Part Number: [MB9BF428TABGL-GK7E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1MB FLASH 192BGA

Data sheet:  [MB9B420TA Series](#)

RoHs Status: Lead free / RoHS Compliant

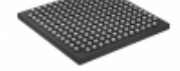
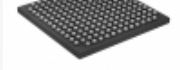
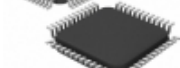
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MB9BF428TABGL-GK7E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 192BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7441 pcs	Data sheet	MB9B420TA Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	192-FBGA (12x12)	Speed	60MHz
Series	FM3 MB9B420TA	RAM Size	160K x 8
Program Memory Type	FLASH	Program Memory Size	1.0625MB (1.0625M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	192-LFBGA	Other Names	CY9BF428TABGL-GK7E1 MB9BF428TABGL-GE1 MB9BF428TABGL-GE1-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	154	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9B420TA Microcontroller IC 32-Bit 60MHz 1.0625MB (1.0625M x 8) FLASH 192-FBGA (12x12)
Data Converters	A/D 24x12b, D/A 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART
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	Part#: MB9BF429TAPMC-GK7E2 Description: IC MCU 32BIT 1.6MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428SAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF417TBGL-GK7E1 Description: IC MCU 32BIT 768KB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428TAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF416TBGL-GK7E1 Description: IC MCU 32BIT 512KB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF464KPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF429SPMC-GK7E1 Description: IC MCU 32BIT 1.6MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF418SPMC-GK7E1 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF417SPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF429SAPMC-GK7E2 Description: IC MCU 32BIT 1.6MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428TBGL-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF418TBGL-GK7E1 Description: IC MCU 32BIT 1MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF429TABGL-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428TPMC-GE1 Description: IC MCU 32BIT 1.06MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF417TPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
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