

MB9BF428TPMC-GE1



Part Number: [MB9BF428TPMC-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1.06MB FLASH

Data sheet:

RoHs Status: Lead free / RoHS Compliant

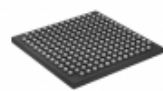
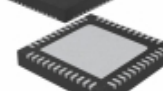
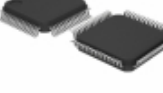
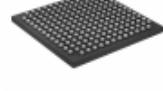
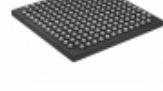
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PRODUCT PARAMETER			
Part Number	MB9BF428TPMC-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1.06MB FLASH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6910 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Speed	60MHz	Series	FM3 MB9B420T
RAM Size	160K x 8	Program Memory Type	FLASH
Program Memory Size	1.0625MB (1.0625M x 8)	Peripherals	DMA, LVD, POR, PWM, WDT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	154	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 FM3 MB9B420T Microcontroller IC 32-Bit 60MHz 1.0625MB (1.0625M x 8) FLASH	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#: MB9BF417TPMC-GK7E1 Description: IC MCU 32BIT 768KB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF429TBGL-GE1 Description: IC MCU 32BIT 1.56MB FLASH	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF428SAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428TABGL-GK7E1 Description: IC MCU 32BIT 1MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF464LPMC-G-JNE2 Description: IC MCU 32BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF428TAPMC-GK7E2 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF429TABGL-GK7E1 Description: IC MCU 32BIT 1.5MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ

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