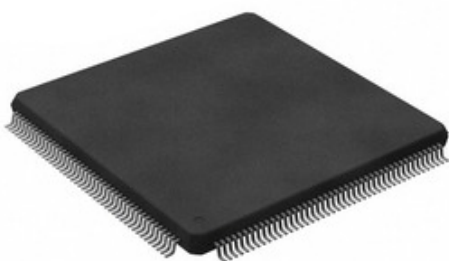




Cypress Semiconductor



Part Number: MB9BF216TPMC-GK7E1

Manufacturer/Brand: Cypress Semiconductor

Product description: IC MCU 32BIT 512KB FLASH 176LQFP

Datasheets: [1.MB9BF216TPMC-GK7E1.pdf](#)
[2.MB9BF216TPMC-GK7E1.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

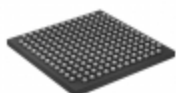
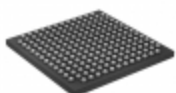
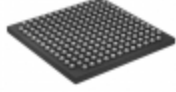
Specifications of MB9BF216TPMC-GK7E1

PART NUMBER	MB9BF216TPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MB9BF216TPMC-GK7E1.pdf 2.MB9BF216TPMC-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
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	176-LQFP
OTHER NAMES	MB9BF216TPMC-GE1 MB9BF216TPMC-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	26 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 176-LQFP (24x24)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, Ethernet, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF216TPMC-GK7E1	MB9BF216TPMC-GK7E1 Distributor	MB9BF216TPMC-GK7E1 Supplier
MB9BF216TPMC-GK7E1 Price	MB9BF216TPMC-GK7E1 Pictures	MB9BF216TPMC-GK7E1 Image
MB9BF216TPMC-GK7E1 PDF Datasheet	MB9BF216TPMC-GK7E1 Download Datasheet	MB9BF216TPMC-GK7E1 Datasheet
MB9BF216TPMC-GK7E1 Stock	Buy MB9BF216TPMC-GK7E1	Buy Cypress Semiconductor MB9BF216TPMC-GK7E1
Cypress Semiconductor MB9BF216TPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF216TPMC-GK7E1	Cypress Semiconductor Corp MB9BF216TPMC-GK7E1	

Related Products

 MB9BF216TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock RFQ	 MB9BF217TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: Out stock RFQ
 MB9BF168NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 100QFP In stock: Out stock RFQ	 MB9BF168RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 120LQFP In stock: Out stock RFQ
 MB9BF217SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: Out stock RFQ	 MB9BF216SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
 MB9BF168NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ	 MB9BF218TPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: Out stock RFQ
 MB9BF168RBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144BGA In stock: Out stock RFQ	 MB9BF217TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: Out stock RFQ
 MB9BF218TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 192BGA In stock: Out stock RFQ	 MB9BF218SPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 25 pcs RFQ