Cypress Semiconductor

Image may be representation. See specifications for product details.

MB9BF216SPMC-GK7E1

Part Number:	MB9BF216SPMC-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	1.MB9BF216SPMC-GK7E1.pdf 2.MB9BF216SPMC-GK7E1.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	8080 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MB9BF216SPMC-GK7E1

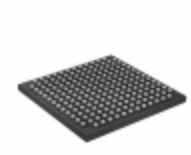
PART NUMBER	MB9BF216SPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8080 pcs
DATA SHEET	1.MB9BF216SPMC-GK7E1.pdf 2.MB9BF216SPMC-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	144-LQFP
OTHER NAMES	CY9BF216SPMC-GK7E1 MB9BF216SPMC-GE1 MB9BF216SPMC-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	122
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, Ethernet, I²C, LINbus, UART/USART, USB

Related Tags

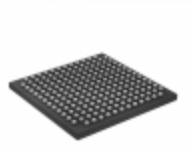
Cypress Semiconductor MB9BF216SPMC-GK7E1	MB9BF216SPMC-GK7E1 Distributor	MB9BF216SPMC-GK7E1 Supplier
MB9BF216SPMC-GK7E1 Price	MB9BF216SPMC-GK7E1 Pictures	MB9BF216SPMC-GK7E1 Image
MB9BF216SPMC-GK7E1 PDF Datasheet	MB9BF216SPMC-GK7E1 Download Datasheet	MB9BF216SPMC-GK7E1 Datasheet
MB9BF216SPMC-GK7E1 Stock	Buy MB9BF216SPMC-GK7E1	Buy Cypress Semiconductor MB9BF216SPMC-GK7E1
Cypress Semiconductor MB9BF216SPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF216SPMC-GK7E1	Cypress Semiconductor Corp MB9BF216SPMC-GK7E1	

Related Products

MB9BF168NBGL-GE1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 112BGA
In stock: 13479 pcs
RFQ



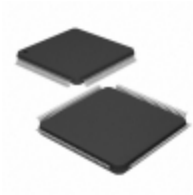
MB9BF217TBGL-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 768KB FLASH 192BGA
In stock: 7332 pcs
RFQ



MB9BF216TBGL-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 512KB FLASH 192BGA
In stock: 7319 pcs
RFQ

MB9BF168RBGL-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 144BGA
In stock: 6974 pcs
RFQ

MB9BF217SPMC-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 768KB FLASH 144LQFP
In stock: 6541 pcs
RFQ



MB9BF168RPMC-G-JNE2
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 120LQFP
In stock: 10132 pcs
RFQ

MB9BF168MPMC1-G-JNE2
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 80LQFP
In stock: 12003 pcs
RFQ

MB9BF218SPMC-GE1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 144LQFP
In stock: 6146 pcs
RFQ

MB9BF216TPMC-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 512KB FLASH 176LQFP
In stock: 7473 pcs
RFQ

MB9BF168NPMC-G-JNE2
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 100LQFP
In stock: 12901 pcs
RFQ

MB9BF217TPMC-GK7E1
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 768KB FLASH 176LQFP
In stock: 5843 pcs
RFQ

MB9BF168NPQC-G-JNE2
Manufacturers: Cypress Semiconductor
Description: IC MCU 32BIT 1MB FLASH 100QFP
In stock: 10811 pcs
RFQ

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