



Cypress Semiconductor



MB9BF316SPMC-GK7E1

Part Number:	MB9BF316SPMC-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 MB9BF316SPMC-GK7E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7922 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

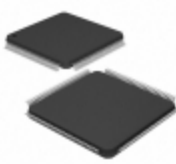
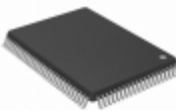
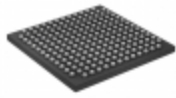
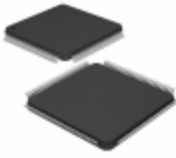
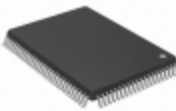
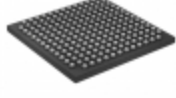
Specifications of MB9BF316SPMC-GK7E1

PART NUMBER	MB9BF316SPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7922 pcs
DATA SHEET	 MB9BF316SPMC-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	144MHz
SERIES	FM3 MB9B310T
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	CY9BF316SPMC-GK7E1 MB9BF316SPMC-GE1 MB9BF316SPMC-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 MB9B310T 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, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF316SPMC-GK7E1	MB9BF316SPMC-GK7E1 Distributor	MB9BF316SPMC-GK7E1 Supplier
MB9BF316SPMC-GK7E1 Price	MB9BF316SPMC-GK7E1 Pictures	MB9BF316SPMC-GK7E1 Image
MB9BF316SPMC-GK7E1 PDF Datasheet	MB9BF316SPMC-GK7E1 Download Datasheet	MB9BF316SPMC-GK7E1 Datasheet
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Cypress Semiconductor MB9BF316SPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF316SPMC-GK7E1	Cypress Semiconductor Corp MB9BF316SPMC-GK7E1	

Related Products

 MB9BF315RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: 18197 pcs RFQ	 MB9BF315NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100QFP In stock: 17593 pcs RFQ
 MB9BF317TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: 6578 pcs RFQ	 MB9BF316RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 19038 pcs RFQ
 MB9BF316NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 14396 pcs RFQ	 MB9BF316TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: 6077 pcs RFQ
 MB9BF318SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5583 pcs RFQ	 MB9BF316NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100QFP In stock: 17676 pcs RFQ
 MB9BF317SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 8602 pcs RFQ	 MB9BF316NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 112BGA In stock: 14800 pcs RFQ
 MB9BF316TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: 6049 pcs RFQ	 MB9BF317TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: 7311 pcs RFQ