



Part Number:MB9BF516SPMC-GK7E1

Manufacturer/Brand:Cypress Semiconductor

Product description:IC MCU 32BIT 512KB FLASH 144LQFP

Datasheets:[PDF MB9BF516SPMC-GK7E1.pdf](#)

RoHs Status:Lead free / RoHS Compliant

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

Specifications of MB9BF516SPMC-GK7E1

PART NUMBER	MB9BF516SPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF MB9BF516SPMC-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	144MHz
SERIES	FM3 MB9B510T
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	MB9BF516SPMC-GE1 MB9BF516SPMC-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	122
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 MB9B510T 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	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF516SPMC-GK7E1	MB9BF516SPMC-GK7E1 Distributor	MB9BF516SPMC-GK7E1 Supplier
MB9BF516SPMC-GK7E1 Price	MB9BF516SPMC-GK7E1 Pictures	MB9BF516SPMC-GK7E1 Image
MB9BF516SPMC-GK7E1 PDF Datasheet	MB9BF516SPMC-GK7E1 Download Datasheet	MB9BF516SPMC-GK7E1 Datasheet
MB9BF516SPMC-GK7E1 Stock	Buy MB9BF516SPMC-GK7E1	Buy Cypress Semiconductor MB9BF516SPMC-GK7E1
Cypress Semiconductor MB9BF516SPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF516SPMC-GK7E1	Cypress Semiconductor Corp MB9BF516SPMC-GK7E1	

Related Products

MB9BF515NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100QFP In stock: Out stock RFQ	MB9BF517TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: Out stock RFQ
MB9BF516RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 84 pcs RFQ	MB9BF516TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock RFQ
MB9BF517TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: Out stock RFQ	MB9BF517SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: Out stock RFQ
MB9BF516NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: Out stock RFQ	MB9BF515RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: Out stock RFQ
MB9BF516NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ	MB9BF518SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
MB9BF516NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100QFP In stock: Out stock RFQ	MB9BF516TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock RFQ