



Cypress Semiconductor



MB9BFD16SPMC-GK7E1

Part Number:	MB9BFD16SPMC-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 MB9BFD16SPMC-GK7E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6924 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.

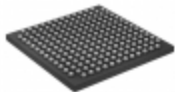
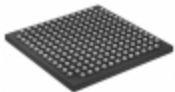
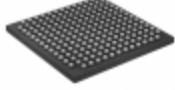
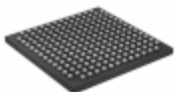
Specifications of MB9BFD16SPMC-GK7E1

PART NUMBER	MB9BFD16SPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6924 pcs
DATA SHEET	 MB9BFD16SPMC-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	144MHz
SERIES	FM3 MB9BD10T
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	MB9BFD16SPMC-GE1 MB9BFD16SPMC-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 MB9BD10T 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, Ethernet, I²C, LINbus, SD, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BFD16SPMC-GK7E1	MB9BFD16SPMC-GK7E1 Distributor	MB9BFD16SPMC-GK7E1 Supplier
MB9BFD16SPMC-GK7E1 Price	MB9BFD16SPMC-GK7E1 Pictures	MB9BFD16SPMC-GK7E1 Image
MB9BFD16SPMC-GK7E1 PDF Datasheet	MB9BFD16SPMC-GK7E1 Download Datasheet	MB9BFD16SPMC-GK7E1 Datasheet
MB9BFD16SPMC-GK7E1 Stock	Buy MB9BFD16SPMC-GK7E1	Buy Cypress Semiconductor MB9BFD16SPMC-GK7E1
Cypress Semiconductor MB9BFD16SPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BFD16SPMC-GK7E1	Cypress Semiconductor Corp MB9BFD16SPMC-GK7E1	

Related Products

 MB9BF618SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6365 pcs RFQ	 MB9BFD16TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: 6084 pcs RFQ
 MB9BFD16TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: 7695 pcs RFQ	 MB9BF618TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 192BGA In stock: 7698 pcs RFQ
 MB9BFD17TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: 6052 pcs RFQ	 MB9BFD18SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5979 pcs RFQ
 MB9BF617TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: 6435 pcs RFQ	 MB9BF617TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: 6001 pcs RFQ
 MB9BFD17SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 6387 pcs RFQ	 MB9BF617SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 6778 pcs RFQ
 MB9BF618TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 7186 pcs RFQ	 MB9BFD17TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: 7294 pcs RFQ