

CYPRESS
EMBEDDED IN TOMORROW

Cypress Semiconductor



Image may be representation. See specifications for product details.

MB9BF516TBGL-GK7E1

Part Number:	MB9BF516TBGL-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 192BGA
Datasheets:	 MB9BF516TBGL-GK7E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5913 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

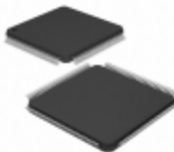
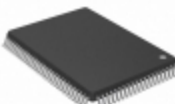
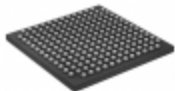
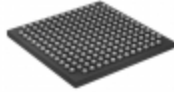
Specifications of MB9BF516TBGL-GK7E1

PART NUMBER	MB9BF516TBGL-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 192BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5913 pcs
DATA SHEET	 MB9BF516TBGL-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	192-FBGA (12x12)
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	192-LFBGA
OTHER NAMES	CY9BF516TBGL-GK7E1 MB9BF516TBGL-GE1 MB9BF516TBGL-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	154
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 192-FBGA (12x12)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF516TBGL-GK7E1	MB9BF516TBGL-GK7E1 Distributor	MB9BF516TBGL-GK7E1 Supplier
MB9BF516TBGL-GK7E1 Price	MB9BF516TBGL-GK7E1 Pictures	MB9BF516TBGL-GK7E1 Image
MB9BF516TBGL-GK7E1 PDF Datasheet	MB9BF516TBGL-GK7E1 Download Datasheet	MB9BF516TBGL-GK7E1 Datasheet
MB9BF516TBGL-GK7E1 Stock	Buy MB9BF516TBGL-GK7E1	Buy Cypress Semiconductor MB9BF516TBGL-GK7E1
Cypress Semiconductor MB9BF516TBGL-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF516TBGL-GK7E1	Cypress Semiconductor Corp MB9BF516TBGL-GK7E1	

Related Products

 MB9BF515RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: 19052 pcs RFQ	 MB9BF516NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100QFP In stock: 15196 pcs RFQ
 MB9BF517TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: 8584 pcs RFQ	 MB9BF518TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 192BGA In stock: 10161 pcs RFQ
 MB9BF516RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 9374 pcs RFQ	 MB9BF516NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8003 pcs RFQ
 MB9BF517SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 8168 pcs RFQ	 MB9BF516NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13470 pcs RFQ
 MB9BF516TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: 6895 pcs RFQ	 MB9BF516SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7721 pcs RFQ
 MB9BF517TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: 5670 pcs RFQ	 MB9BF518SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 7809 pcs RFQ