

CYPRESS
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Cypress Semiconductor



Image may be representation. See specifications for product details.

MB9BF506NBBGL-GK6E1

Part Number:	MB9BF506NBBGL-GK6E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 112BGA
Datasheets:	 MB9BF506NBBGL-GK6E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9032 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

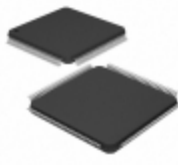
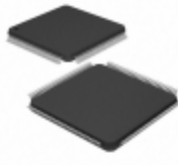
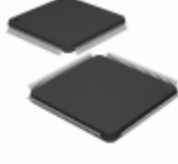
Specifications of MB9BF506NBBGL-GK6E1

PART NUMBER	MB9BF506NBBGL-GK6E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9032 pcs
DATA SHEET	 MB9BF506NBBGL-GK6E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	80MHz
SERIES	FM3 MB9B500B
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	112-LFBGA
OTHER NAMES	CY9BF506NBBGL-GK6E1 MB9BF506NBBGL-GE1 MB9BF506NBBGL-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9B500B Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 112-PFBGA (10x10)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF506NBBGL-GK6E1	MB9BF506NBBGL-GK6E1 Distributor	MB9BF506NBBGL-GK6E1 Supplier
MB9BF506NBBGL-GK6E1 Price	MB9BF506NBBGL-GK6E1 Pictures	MB9BF506NBBGL-GK6E1 Image
MB9BF506NBBGL-GK6E1 PDF Datasheet	MB9BF506NBBGL-GK6E1 Download Datasheet	MB9BF506NBBGL-GK6E1 Datasheet
MB9BF506NBBGL-GK6E1 Stock	Buy MB9BF506NBBGL-GK6E1	Buy Cypress Semiconductor MB9BF506NBBGL-GK6E1
Cypress Semiconductor MB9BF506NBBGL-GK6E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF506NBBGL-GK6E1	Cypress Semiconductor Corp MB9BF506NBBGL-GK6E1	

Related Products

 MB9BF506NPMC-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15997 pcs RFQ	 MB9BF504RPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 120LQFP In stock: 15035 pcs RFQ
 MB9BF505NBBGL-GK6E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 112BGA In stock: 14083 pcs RFQ	 MB9BF512NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100LQFP In stock: 17525 pcs RFQ
 MB9BF504RBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 120LQFP In stock: 11853 pcs RFQ	 MB9BF512NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 112BGA In stock: 19056 pcs RFQ
 MB9BF505RBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 13949 pcs RFQ	 MB9BF504RPMC-GE1 Manufacturers: Fujitsu Electronics America, Inc. Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 13959 pcs RFQ
 MB9BF506RBPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 7530 pcs RFQ	 MB9BF506NBPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH In stock: 9415 pcs RFQ
 MB9BF505NBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 100LQFP In stock: 13560 pcs RFQ	 MB9BF506NBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9850 pcs RFQ