



Cypress Semiconductor



MB9BF106NABGL-GK6E1

Part Number:	MB9BF106NABGL-GK6E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 112BGA
Datasheets:	 MB9BF106NABGL-GK6E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11500 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

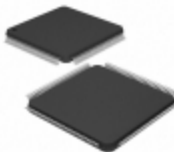
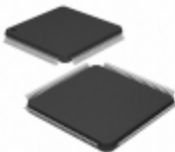
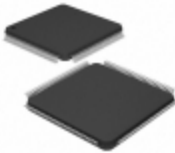
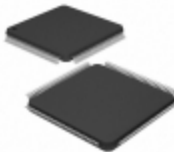
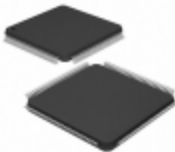
Specifications of MB9BF106NABGL-GK6E1

PART NUMBER	MB9BF106NABGL-GK6E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11500 pcs
DATA SHEET	 MB9BF106NABGL-GK6E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	80MHz
SERIES	FM3 MB9B100A
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	CY9BF106NABGL-GK6E1 MB9BF106NABGL-GE1 MB9BF106NABGL-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 MB9B100A 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	CSIO, EBI/EMI, I²C, LINbus, UART/USART

Related Tags

Cypress Semiconductor MB9BF106NABGL-GK6E1	MB9BF106NABGL-GK6E1 Distributor	MB9BF106NABGL-GK6E1 Supplier
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Related Products

 MB9BF106RPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 13099 pcs RFQ	 MB9BF104RPMC-G-JNE1 Manufacturers: Fujitsu Electronics America, Inc. Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 12779 pcs RFQ
 MB9BF106NPMC-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15326 pcs RFQ	 MB9BF106RPMC-GE1 Manufacturers: Fujitsu Electronics America, Inc. Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 11811 pcs RFQ
 MB9BF105NABGL-GK6E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 112BGA In stock: 14104 pcs RFQ	 MB9BF104RPMC-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 120LQFP In stock: 19775 pcs RFQ
 MB9BF104RAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 120LQFP In stock: 15446 pcs RFQ	 MB9BF105RAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 12061 pcs RFQ
 MB9BF106RAPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 10590 pcs RFQ	 MB9BF106NAPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8799 pcs RFQ
 MB9BF105NAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 100LQFP In stock: 16081 pcs RFQ	 MB9BF106NPMC-G-JNE1 Manufacturers: Fujitsu Electronics America, Inc. Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 17010 pcs RFQ