



Cypress Semiconductor



MB9BF512NBGL-GE1

Part Number:	MB9BF512NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 160KB FLASH 112BGA
Datasheets:	 MB9BF512NBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19056 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.

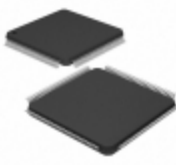
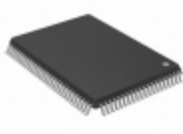
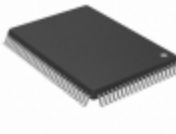
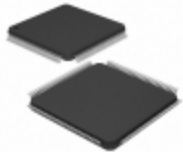
Specifications of MB9BF512NBGL-GE1

PART NUMBER	MB9BF512NBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19056 pcs
DATA SHEET	 MB9BF512NBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	144MHz
SERIES	FM3 MB9B510R
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	CY9BF512NBGL-GE1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9B510R Microcontroller IC 32-Bit 144MHz 160KB (160K 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 MB9BF512NBGL-GE1	MB9BF512NBGL-GE1 Distributor	MB9BF512NBGL-GE1 Supplier
MB9BF512NBGL-GE1 Price	MB9BF512NBGL-GE1 Pictures	MB9BF512NBGL-GE1 Image
MB9BF512NBGL-GE1 PDF Datasheet	MB9BF512NBGL-GE1 Download Datasheet	MB9BF512NBGL-GE1 Datasheet
MB9BF512NBGL-GE1 Stock	Buy MB9BF512NBGL-GE1	Buy Cypress Semiconductor MB9BF512NBGL-GE1
Cypress Semiconductor MB9BF512NBGL-GE1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF512NBGL-GE1	Cypress Semiconductor Corp MB9BF512NBGL-GE1	

Related Products

 MB9BF506RBPMP-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 7530 pcs RFQ	 MB9BF506NBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9850 pcs RFQ
 MB9BF514NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 14856 pcs RFQ	 MB9BF506NPMC-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15997 pcs RFQ
 MB9BF505RBPMP-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 13949 pcs RFQ	 MB9BF506NBBGL-GK6E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 9032 pcs RFQ
 MB9BF512NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100LQFP In stock: 17525 pcs RFQ	 MB9BF514NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100QFP In stock: 19955 pcs RFQ
 MB9BF512NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100QFP In stock: 21493 pcs RFQ	 MB9BF512RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 120LQFP In stock: 17071 pcs RFQ
 MB9BF514NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 112BGA In stock: 16853 pcs RFQ	 MB9BF506NBPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH In stock: 9415 pcs RFQ