



Cypress Semiconductor



MB9BF412NBGL-GE1

Part Number:	MB9BF412NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 160KB FLASH 112BGA
Datasheets:	 MB9BF412NBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16798 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.

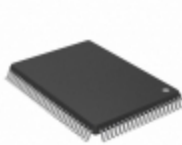
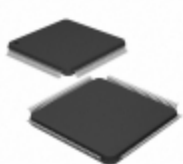
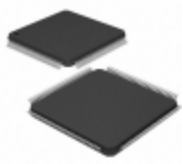
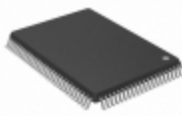
Specifications of MB9BF412NBGL-GE1

PART NUMBER	MB9BF412NBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16798 pcs
DATA SHEET	 MB9BF412NBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	144MHz
SERIES	FM3 MB9B410R
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	CY9BF412NBGL-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 MB9B410R 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

Related Tags

Cypress Semiconductor MB9BF412NBGL-GE1	MB9BF412NBGL-GE1 Distributor	MB9BF412NBGL-GE1 Supplier
MB9BF412NBGL-GE1 Price	MB9BF412NBGL-GE1 Pictures	MB9BF412NBGL-GE1 Image
MB9BF412NBGL-GE1 PDF Datasheet	MB9BF412NBGL-GE1 Download Datasheet	MB9BF412NBGL-GE1 Datasheet
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Cypress Semiconductor MB9BF412NBGL-GE1	Cypress Semiconductor Corp MB9BF412NBGL-GE1	

Related Products

 MB9BF406NABGL-GK6E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 10884 pcs RFQ	 MB9BF406NAPMC-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5932 pcs RFQ
 MB9BF406RAPMC-G-UNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH In stock: 15523 pcs RFQ	 MB9BF414NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 21400 pcs RFQ
 MB9BF412NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100QFP In stock: 19361 pcs RFQ	 MB9BF414NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 112BGA In stock: 15239 pcs RFQ
 MB9BF412NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100LQFP In stock: 14695 pcs RFQ	 MB9BF412RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 120LQFP In stock: 20059 pcs RFQ
 MB9BF406RAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: 13819 pcs RFQ	 MB9BF406NAPMC-G-UNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH In stock: 10890 pcs RFQ
 MB9BF414NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100QFP In stock: 21949 pcs RFQ	 MB9BF406NAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15256 pcs RFQ