



Cypress Semiconductor



MB9AF312NABGL-GE1

Part Number:	MB9AF312NABGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 128KB FLASH 112BGA
Datasheets:	 MB9AF312NABGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

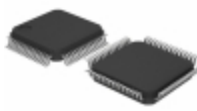
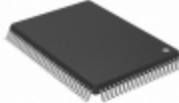
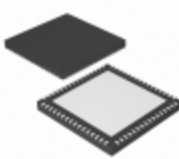
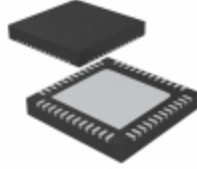
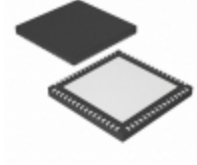
Specifications of MB9AF312NABGL-GE1

PART NUMBER	MB9AF312NABGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 128KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9AF312NABGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	40MHz
SERIES	FM3 MB9A310A
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	CY9AF312NABGL-GE1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	26 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9A310A Microcontroller IC 32-Bit 40MHz 128KB (128K 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, USB

Related Tags

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Related Products

 MB9AF314LAPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 137 pcs RFQ	 MB9AF312NAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: Out stock RFQ
 MB9AF312LAPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: Out stock RFQ	 MB9AF312NAPF-G-JNE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 100QFP In stock: Out stock RFQ
 MB9AF314LAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 45 pcs RFQ	 MB9AF312LAQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: Out stock RFQ
 MB9AF312LAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: Out stock RFQ	 MB9AF314MAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 517 pcs RFQ
 MB9AF312KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 48QFN In stock: 510 pcs RFQ	 MB9AF312MAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: Out stock RFQ
 MB9AF314LAQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 50 pcs RFQ	 MB9AF312KPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 52LQFP In stock: 39 pcs RFQ