

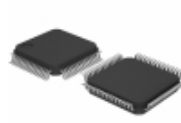


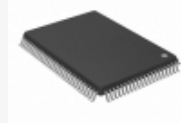



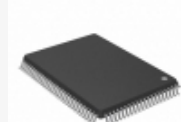
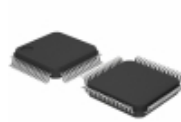

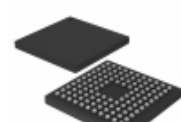

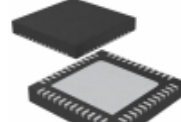
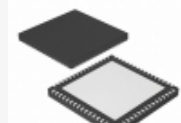
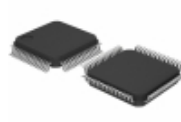

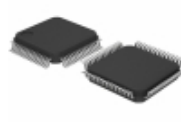


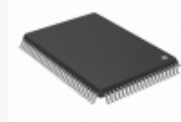


MB9AF312NABGL-GE1

	<p>Part Number: MB9AF312NABGL-GE1</p> <p>Manufacturer: Cypress Semiconductor</p> <p>Description: IC MCU 32BIT 128KB FLASH 112BGA</p> <p>Data sheet:  MB9A310A Series</p>	<p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Images are for reference only. See Product Specifications for product details. Buy MB9AF312NABGL-GE1 with confidence from Component-World.HK, 1 Year Warranty</p>		
<p>Request For Quotation</p>		

PRODUCT PARAMETER			
Part Number	MB9AF312NABGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19870 pcs	Data sheet	MB9A310A Series
Category	Integrated Circuits (ICs)	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, I ² C, LINbus, UART/USART, USB

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	Part#: MB9AF311NAPF-G-JNE1 Description: IC MCU 32BIT 64KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF314MAPMC-G-JNE2 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF312KQN-G-AVE2 Description: IC MCU 32BIT 160KB FLASH 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9AF314LAQN-G-AVE2 Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF314LAPMC-G-JNE2 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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