






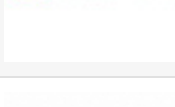

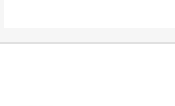
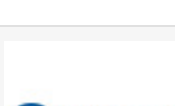




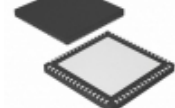



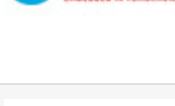
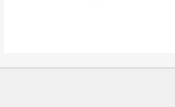
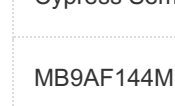


MB9AF144MBBGL-GE1

 <p>CYPRESS EMBEDDED IN TOMORROW™</p>	<p>Part Number: MB9AF144MBBGL-GE1</p> <p>Manufacturer: Cypress Semiconductor</p> <p>Description: IC MCU 32BIT 288KB FLASH 96BGA</p> <p>Data sheet:  MB9A140NB 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 MB9AF144MBBGL-GE1 with confidence from Component-World.HK, 1 Year Warranty</p>		
Request For Quotation		

PRODUCT PARAMETER			
Part Number	MB9AF144MBBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 96BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20370 pcs	Data sheet	MB9A140NB Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	112-PFBGA (10x10)	Speed	40MHz
Series	FM3 MB9A140NB	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	112-LFBGA	Other Names	CY9AF144MBBGL-GE1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9A140NB Microcontroller IC 32-Bit 40MHz 288KB (288K x 8) FLASH 112-PFBGA (10x10)
Data Converters	A/D 17x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, EBI/EMI, I²C, SPI, UART/USART

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	Description: IC MCU 32BIT 160KB FLASH 80LQFP		
	Part#: MB9AF154NABGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 112BGA		
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	Description: IC MCU 32BIT 288KB FLASH 80LQFP		
	Part#: MB9AF144MAPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH		
	Part#: MB9AF144LBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 64LQFP		
	Part#: MB9AF142NBPVC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 160KB FLASH 100LQFP		
	Part#: MB9AF154MABGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 96BGA		
	Part#: MB9AF144LBQN-G-AVE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 64QFN		
	Part#: MB9AF154MBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 80LQFP		
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	Description: IC MCU 32BIT 288KB FLASH 112BGA		

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