


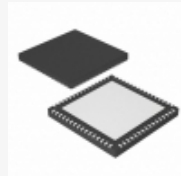
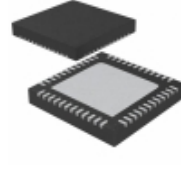




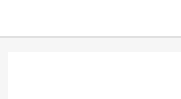






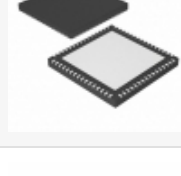
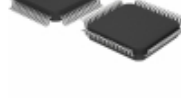

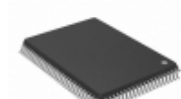
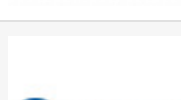



MB9BF166NBGL-GE1

	<p>Part Number: MB9BF166NBGL-GE1</p> <p>Manufacturer: Cypress Semiconductor</p> <p>Description: IC MCU 32BIT 544KB FLASH 112BGA</p> <p>Data sheet:  MB9B160R 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 MB9BF166NBGL-GE1 with confidence from Component-World.HK, 1 Year Warranty</p>		
<p>Request For Quotation</p>		

PRODUCT PARAMETER			
Part Number	MB9BF166NBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13594 pcs	Data sheet	MB9B160R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	112-FBGA (7x7)	Speed	160MHz
Series	FM4 MB9B160R	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	112-LFBGA	Other Names	CY9BF166NBGL-GE1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	80	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 MB9B160R Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 112-FBGA (7x7)
Data Converters	A/D 24x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, I²C, LINbus, UART/USART

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	Part#: MB9BF166NPQC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9BF166MPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166LQN-G-AVE2 Description: IC MCU 32BIT 544KB FLASH 64QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166LPMC-G-JNE2 Description: IC MCU 32BIT 544KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166RTPMC-G-JNE2 Description: MM MCU	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167NPQC-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167MPMC1-G-JNE2 Description: IC MCU 32BIT 800KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF166KZPMC-G-JNE2 Description: MM MCU	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB9BF167NBGL-GE1 Description: IC MCU 32BIT 800KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ

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