

MB9AF155MBBGL-GE1



Part Number: [MB9AF155MBBGL-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 416KB FLASH 96FBGA

Data sheet:  [MB9AF15\(4,5,6\)MB,NB,RB](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MB9AF155MBBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 416KB FLASH 96FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22512 pcs	Data sheet	MB9AF15(4,5,6)MB,NB,RB
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	96-FBGA (6x6)	Speed	40MHz
Series	FM3 MB9A150RB	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	416KB (416K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	96-LFBGA	Other Names	CY9AF155MBBGL-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	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9A150RB Microcontroller IC 32-Bit 40MHz 416KB (416K x 8) FLASH 96-FBGA (6x6)
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 416KB FLASH 120LQFP		
	Part#: MB9AF154NBBGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 112BGA		
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	Description: IC MCU 32BIT 288KB FLASH 120LQFP		
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	Description: IC MCU 32BIT 288KB FLASH 112BGA		
	Part#: MB9AF154NAPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 288KB FLASH 100LQFP		
	Part#: MB9AF154MBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF155NBBGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 416KB FLASH 112FBGA		
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	Description: IC MCU 32BIT 288KB FLASH 120LQFP		
	Part#: MB9AF155NBPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 416KB FLASH 100LQFP		
	Part#: MB9AF156MABGL-GE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 544KB FLASH 96BGA		
	Part#: MB9AF155NPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 416KB FLASH		
	Part#: MB9AF155NAPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 416KB FLASH 100LQFP		
	Part#: MB9AF156MAPMC-G-JNE2	Manufacturers: Cypress Semiconductor	RFQ
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