

MB9AF156MBGL-GE1



Part Number: [MB9AF156MBGL-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 544KB FLASH

Data sheet:

RoHs Status: Lead free / RoHS Compliant

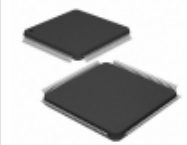
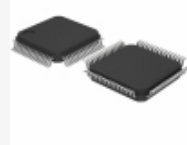
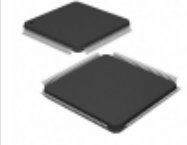
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PRODUCT PARAMETER			
Part Number	MB9AF156MBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15368 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Speed	40MHz	Series	FM3 MB9A150R
RAM Size	64K x 8	Program Memory Type	FLASH
Program Memory Size	544KB (544K x 8)	Peripherals	DMA, LVD, POR, PWM, WDT
Other Names	CY9AF156MBGL-GE1	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	66
Moisture Sensitivity Level (MSL)	Not Applicable	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 FM3 MB9A150R Microcontroller IC 32-Bit 40MHz 544KB (544K x 8) FLASH		
Core Size	32-Bit	Data Converters	A/D 17x12b
Connectivity	CSIO, EBI/EMI, I²C, SPI, UART/USART	Core Processor	ARM® Cortex®-M3
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	Part#: MB9AF156NBBGL-GE1 Description: IC MCU 32BIT 544KB FLASH 112FBGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF156MABGL-GE1 Description: IC MCU 32BIT 544KB FLASH 96BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF155NBPMC-G-JNE2 Description: IC MCU 32BIT 416KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB9AF155NABGL-GE1 Description: IC MCU 32BIT 416KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ

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