



Cypress Semiconductor



MB9BF166NBGL-GE1

Part Number:	MB9BF166NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 544KB FLASH 112BGA
Datasheets:	 MB9BF166NBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11940 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

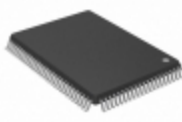
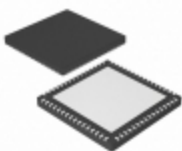
Specifications of MB9BF166NBGL-GE1

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	11940 pcs
DATA SHEET	 MB9BF166NBGL-GE1.pdf
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)
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

Related Tags

Cypress Semiconductor MB9BF166NBGL-GE1	MB9BF166NBGL-GE1 Distributor	MB9BF166NBGL-GE1 Supplier
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Related Products

 MB9BF166NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100QFP In stock: 12338 pcs RFQ	 MB9BF166MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 13414 pcs RFQ
 MB9BF166RBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 144BGA In stock: 7104 pcs RFQ	 MB9BF167MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 80LQFP In stock: 15446 pcs RFQ
 MB9BF166RTPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 7934 pcs RFQ	 MB9BF166LPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64LQFP In stock: 19947 pcs RFQ
 MB9BF166LQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64QFN In stock: 21575 pcs RFQ	 MB9BF166RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 6192 pcs RFQ
 MB9BF166NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 12412 pcs RFQ	 MB9BF166KZPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 16619 pcs RFQ
 MB9BF166LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64LQFP In stock: 17622 pcs RFQ	 MB9BF166MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 8937 pcs RFQ