



Cypress Semiconductor



MB9BF566NBGL-GE1

Part Number:	MB9BF566NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 544KB FLASH 112BGA
Datasheets:	 MB9BF566NBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12778 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.

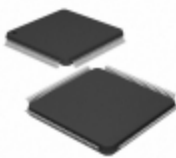
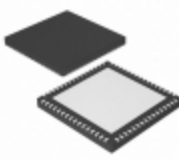
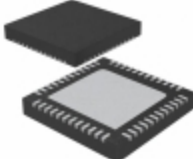
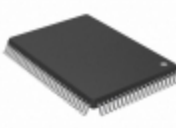
Specifications of MB9BF566NBGL-GE1

PART NUMBER	MB9BF566NBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 544KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12778 pcs
DATA SHEET	 MB9BF566NBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-FBGA (7x7)
SPEED	160MHz
SERIES	FM4 MB9B560R
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	CY9BF566NBGL-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 MB9B560R 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	CANbus, CSIO, EBI/EMI, I²C, LINbus, SD, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF566NBGL-GE1	MB9BF566NBGL-GE1 Distributor	MB9BF566NBGL-GE1 Supplier
MB9BF566NBGL-GE1 Price	MB9BF566NBGL-GE1 Pictures	MB9BF566NBGL-GE1 Image
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MB9BF566NBGL-GE1 Stock	Buy MB9BF566NBGL-GE1	Buy Cypress Semiconductor MB9BF566NBGL-GE1
Cypress Semiconductor MB9BF566NBGL-GE1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF566NBGL-GE1	Cypress Semiconductor Corp MB9BF566NBGL-GE1	

Related Products

 MB9BF566RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 8835 pcs RFQ	 MB9BF567MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 80LQFP In stock: 10103 pcs RFQ
 MB9BF566MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 13132 pcs RFQ	 MB9BF566LQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64QFN In stock: 12761 pcs RFQ
 MB9BF566KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 48QFN In stock: 22221 pcs RFQ	 MB9BF566MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 11779 pcs RFQ
 MB9BF566NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100QFP In stock: 9753 pcs RFQ	 MB9BF566NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 11439 pcs RFQ
 MB9BF566LPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64LQFP In stock: 11944 pcs RFQ	 MB9BF566LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64LQFP In stock: 17508 pcs RFQ
 MB9BF567MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 80LQFP In stock: 13346 pcs RFQ	 MB9BF566RBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 144BGA In stock: 7806 pcs RFQ