



Cypress Semiconductor



MB9BF168NBGL-GE1

Part Number:	MB9BF168NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 1MB FLASH 112BGA
Datasheets:	 MB9BF168NBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

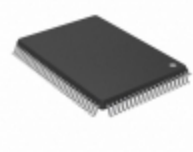
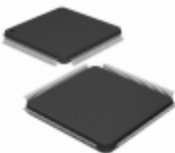
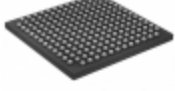
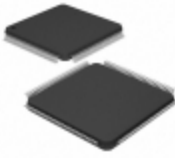
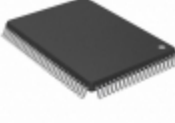
Specifications of MB9BF168NBGL-GE1

PART NUMBER	MB9BF168NBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 1MB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9BF168NBGL-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	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.03125MB (1.03125M x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	CY9BF168NBGL-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 1.03125MB (1.03125M 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 MB9BF168NBGL-GE1	MB9BF168NBGL-GE1 Distributor	MB9BF168NBGL-GE1 Supplier
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Cypress Semiconductor MB9BF168NBGL-GE1	Cypress Semiconductor Corp MB9BF168NBGL-GE1	

Related Products

 MB9BF167NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 100QFP In stock: Out stock RFQ	 MB9BF168NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ
 MB9BF168RBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144BGA In stock: Out stock RFQ	 MB9BF168RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 120LQFP In stock: Out stock RFQ
 MB9BF168MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 80LQFP In stock: Out stock RFQ	 MB9BF216TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock RFQ
 MB9BF216SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 MB9BF167NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 100LQFP In stock: Out stock RFQ
 MB9BF167RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 120LQFP In stock: Out stock RFQ	 MB9BF167RBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 144BGA In stock: Out stock RFQ
 MB9BF168MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 80LQFP In stock: Out stock RFQ	 MB9BF168NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 100QFP In stock: Out stock RFQ