



Cypress Semiconductor



Part Number:	MB9BF167RBGL-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 800KB FLASH 144BGA
Datasheets:	 MB9BF167RBGL-GK7E1.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.

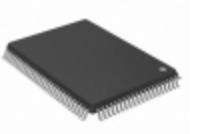
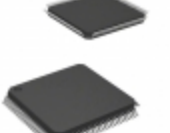
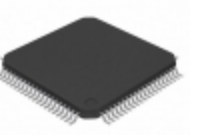
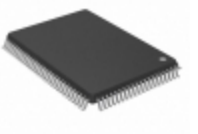
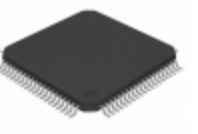
Specifications of MB9BF167RBGL-GK7E1

PART NUMBER	MB9BF167RBGL-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 800KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9BF167RBGL-GK7E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-FBGA (7x7)
SPEED	160MHz
SERIES	FM4 MB9B160R
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	800KB (800K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LFBGA
OTHER NAMES	CY9BF167RBGL-GK7E1 MB9BF167RBGL-GE1 MB9BF167RBGL-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	100
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	25 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 MB9B160R Microcontroller IC 32-Bit 160MHz 800KB (800K x 8) FLASH 144-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 MB9BF167RBGL-GK7E1	MB9BF167RBGL-GK7E1 Distributor	MB9BF167RBGL-GK7E1 Supplier
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Cypress Semiconductor MB9BF167RBGL-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
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Related Products

 MB9BF167MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB 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
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 MB9BF167NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 112BGA In stock: Out stock RFQ	 MB9BF167MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 80LQFP In stock: Out stock RFQ
 MB9BF166RTPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: Out stock RFQ	 MB9BF167RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 800KB FLASH 120LQFP In stock: Out stock RFQ
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