



Cypress Semiconductor



MB9BF522MBGL-GE1

Part Number:	MB9BF522MBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 160KB FLASH 96BGA
Datasheets:	 MB9BF522MBGL-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.

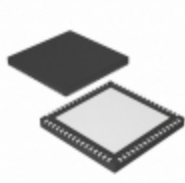
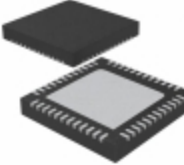
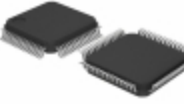
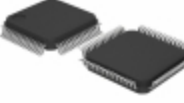
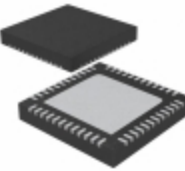
Specifications of MB9BF522MBGL-GE1

PART NUMBER	MB9BF522MBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 96BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9BF522MBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	96-FBGA (6x6)
SPEED	72MHz
SERIES	FM3 MB9B520M
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	96-LFBGA
OTHER NAMES	CY9BF522MBGL-GE1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	65
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®-M3 FM3 MB9B520M Microcontroller IC 32-Bit 72MHz 160KB (160K x 8) FLASH 96-FBGA (6x6)
DATA CONVERTERS	A/D 26x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, CSIO, I²C, LINbus, UART/USART, USB

Related Tags

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Related Products

 MB9BF522LQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64QFN In stock: Out stock RFQ	 MB9BF522MPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: Out stock RFQ
 MB9BF522LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64LQFP In stock: Out stock RFQ	 MB9BF522MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: Out stock RFQ
 MB9BF521MPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 96KB FLASH 80LQFP In stock: Out stock RFQ	 MB9BF522KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 48QFN In stock: Out stock RFQ
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 MB9BF524LPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: Out stock RFQ	 MB9BF524LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 190 pcs RFQ
 MB9BF524KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48QFN In stock: 265 pcs RFQ	 MB9BF524KPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48LQFP In stock: Out stock RFQ