

MB9BF522MBGL-GE1



Part Number: MB9BF522MBGL-GE1

Manufacturer: Cypress Semiconductor

Description: IC MCU 32BIT 160KB FLASH 96BGA

Data sheet:  [MB9BF52xK/L/M Series](#)

RoHs Status: Lead free / RoHS Compliant

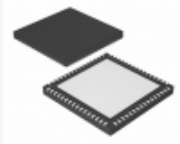
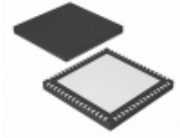
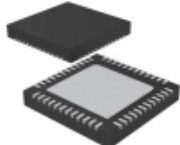
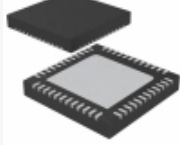
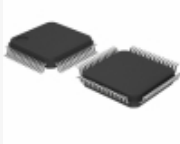
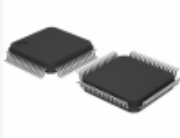
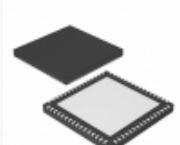
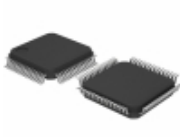
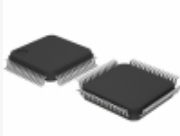
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PRODUCT PARAMETER			
Part Number	MB9BF522MBGL-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 160KB FLASH 96BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25051 pcs	Data sheet	MB9BF52xK/L/M Series
Category	Integrated Circuits (ICs)	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
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