



Cypress Semiconductor

## MB9BF522MPMC1-G-JNE2

Part Number:	MB9BF522MPMC1-G-JNE2
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 160KB FLASH 80LQFP
Datasheets:	<a href="#">MB9BF522MPMC1-G-JNE2.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of MB9BF522MPMC1-G-JNE2

PART NUMBER	MB9BF522MPMC1-G-JNE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">MB9BF522MPMC1-G-JNE2.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (14x14)
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	80-LQFP
OTHER NAMES	CY9BF522MPMC1-G-JNE2
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	26 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 80-LQFP (14x14)
DATA CONVERTERS	A/D 26x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, CSIO, I <sup>2</sup> C, LINbus, UART/USART, USB

### Related Tags

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### Related Products

<p><b>MB9BF524MBGL-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96FBGA In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF524KQN-G-AVE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48QFN In stock: 265 pcs <a href="#">RFQ</a></p>
<p><b>MB9BF524LQN-G-AVE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64QFN In stock: 50 pcs <a href="#">RFQ</a></p>	<p><b>MB9BF524LPMC1-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF522KQN-G-AVE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 48QFN In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF522MPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF522MBGL-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 96BGA In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF524KPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF522LPMC1-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64LQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF522LQN-G-AVE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64QFN In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF524LPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 190 pcs <a href="#">RFQ</a></p>	<p><b>MB9BF522LPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64LQFP In stock: Out stock <a href="#">RFQ</a></p>

