

MB9BF322MPMC1-G-JNE2

MB9BF322MPMC1-G-JNE2 Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



MB9BF322MPMC1-G-JNE2 Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-LQFPSeriesFM3 MB9B320MCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOperating Temperature4.0°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFP		
CategoryIntegrated Circuits (ICs)Integrated Circuits (ICs)Embedded - MicrocontrollersPackage80-LQFPSeriesFM3 MB9B320MCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Perogram Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Manufacturer Part Number	MB9BF322MPMC1-G-JNE2
Indeddel - MicrocontrollersPackage80-LQFPSeriesFM3 MB9B320MCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, 12C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Manufacturer	Cypress Semiconductor Corp
Package80-LQFPSeriesFM3 MB9B320MCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, 12C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)PERPOM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature40°C ~ 105°C (TA)Package / Case80-LQFPSupplier Device Package80-LQFP	Category	Integrated Circuits (ICs)
SeriesFM3 MB9B320MCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator Type-Porating Temperature-40°C ~ 105°C (TA)Mounting Type80-LQFP (14x14)		Embedded - Microcontrollers
Core ProcessorARM? Cortex?-M3Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Package	80-LQFP
Core Size32-BitSpeed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Package / Case80-LQFP (14x14)	Series	FM3 MB9B320M
Speed72MHzConnectivityCSIO, EBI/EMI, I2C, LIN, UART/USART, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O65Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Core Processor	ARM? Cortex?-M3
Connectivity CSIO, EBI/EMI, 12C, LIN, UART/USART, USB Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 65 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 26x12b, D/A 2x10b Oscillator Type - Program Type - Program Type - Program Supple (Vcc/Vdd) 0.2 c ~ 105°C (TA) Operating Temperature - Program Supple Povice Package 80-LQFP (14x14)	Core Size	32-Bit
Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 65 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 26x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 80-LQFP (14x14)	Speed	72MHz
Number of I/O 65 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 26x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Package / Case 80-LQFP (14x14)	Connectivity	CSIO, EBI/EMI, I2C, LIN, UART/USART, USB
Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Number of I/O	65
EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Program Memory Size	160KB (160K x 8)
RAM Size16K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	EEPROM Size	-
Data ConvertersA/D 26x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	RAM Size	16K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Data Converters	A/D 26x12b, D/A 2x10b
Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Oscillator Type	Internal
Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package80-LQFP (14x14)	Mounting Type	-
	Package / Case	80-LQFP
Report errors?	Supplier Device Package	80-LQFP (14x14)
		Report errors?

MB9BF322MPMC1-G-JNE2 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MB9BF322MPMC1-G-JNE2 Payment Methods



If you have any question about MB9BF322MPMC1-G-JNE2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com