

MB90F334APMC-G-JNE1 Information

Heisener.com	 MB90F334APMC-G-JNE1 Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 384KB FLASH 120LQFP 120-LQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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.



MB90F334APMC-G-JNE1 Specifications

Manufacturer Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers Package 120-LQFP Series F2MC MB90330 Core Processor F2MC-16LX Core Size 16-Bit Speed 24MHz Connectivity EBI/EMI, 12C, Serial I/O, UART/USART, USB Peripherals POR, WDT Number of I/O 94 Program Memory Size SaKB (384K x 8) EEPROM Size - RAM Size 24K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Operating Temperature 4.0°C ~ 85°C (TA) Operating Temperature - Package / Case 120-LQFP		
Antegrated Circuits (ICs)Embedded - MicrocontrollersPackage120-LQFPSeriesF2MC MB90330Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)PEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type120-LQFPPackage / Case120-LQFP (16x16)	Manufacturer Part Number	MB90F334APMC-G-JNE1
Embedded - MicrocontrollersPackage120-LQFPSeriesF2MC MB90330Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Manufacturer	Cypress Semiconductor Corp
Package120-LQFPSeriesF2MC MB90330Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory SizeS4KB (384K x 8)PERPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData Converters-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Package / Case120-LQFP (16x16)	Category	Integrated Circuits (ICs)
SeriesF2MC MB90330Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature40°C ~ 85°C (TA)Mounting Type120-LQFP (16x16)		Embedded - Microcontrollers
Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOgerating Temperature-A0°C ~ 85°C (TA)-Package / Case120-LQFP (16x16)	Package	120-LQFP
Core Size16-BitSpeed24MHzConnectivityEBI/EMI, I2C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Series	F2MC MB90330
Speed24MHzConnectivityEBI/EMI, I2C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Core Processor	F2MC-16LX
PrintEBI/EMI, 12C, Serial I/O, UART/USART, USBPeripheralsPOR, WDTNumber of I/O94Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Core Size	16-Bit
Peripherals POR, WDT Number of I/O 94 Program Memory Size 384KB (384K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 24K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 16x8/10b Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-LQFP (16x16)	Speed	24MHz
Number of I/O 94 Program Memory Size 384KB (384K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 24K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 16x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-LQFP (16x16)	Connectivity	EBI/EMI, I2C, Serial I/O, UART/USART, USB
Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Peripherals	POR, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Number of I/O	94
EEPROM Size-RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFP (16x16)	Program Memory Size	384KB (384K x 8)
RAM Size24K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	EEPROM Size	-
Data ConvertersA/D 16x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	RAM Size	24K x 8
Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	Data Converters	A/D 16x8/10b
Mounting Type-Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	Oscillator Type	External
Package / Case120-LQFPSupplier Device Package120-LQFP (16x16)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package120-LQFP (16x16)	Mounting Type	-
	Package / Case	120-LQFP
Report errors?	Supplier Device Package	120-LQFP (16x16)
		Report errors?

MB90F334APMC-G-JNE1 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 Guarantees

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

MB90F334APMC-G-JNE1 Payment Methods



If you have any question about MB90F334APMC-G-JNE1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com