

MB90352ESPMC-GS-201E1

MB90352ESPMC-GS-201E1 Information

Www.nevener.com	 MB90352ESPMC-GS-201E1 Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 128KB MROM 64LQFP 64-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.



MB90352ESPMC-GS-201E1 Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, 12C, LIN, UART/USARTPorpheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersAnD 15x8/10bOperating Temperature440°c ~ 125°C (TA)Mounting Type-Package / Case64-LQFP		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series F2MC-16LX MB90350E Core Processor F2MC-16LX Core Size 16-Bit Speed 24MHz Connectivity CAN, EBI/EMI, 12C, LIN, UART/USART Peripherals DMA, LVD, POR, WDT Number of I/O 51 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 15x8/10b Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP	Manufacturer Part Number	MB90352ESPMC-GS-201E1
Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, 12C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-LQFPSupplier Device Package64-LQFP	Manufacturer	Cypress Semiconductor Corp
Package64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, 12C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-Nutage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Category	Integrated Circuits (ICs)
SeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)		Embedded - Microcontrollers
Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, 12C, LIN, UART/USARTPoripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-Prokage / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Package	64-LQFP
Core Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersAnd 15x8/10bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Series	F2MC-16LX MB90350E
Speed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP (12x12)	Core Processor	F2MC-16LX
Connectivity CAN, EBI/EMI, I2C, LIN, UART/USART Peripherals DMA, LVD, POR, WDT Number of I/O 51 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 15x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP (12x12)	Core Size	16-Bit
Peripherals DMA, LVD, POR, WDT Number of I/O 51 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 15x8/10b Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP (12x12)	Speed	24MHz
Number of I/O51Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP (12x12)	Connectivity	CAN, EBI/EMI, I2C, LIN, UART/USART
Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP (12x12)	Peripherals	DMA, LVD, POR, WDT
Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP (12x12)	Number of I/O	51
EEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Program Memory Size	128KB (128K x 8)
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Program Memory Type	Mask ROM
Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	EEPROM Size	-
Data ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	RAM Size	4K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Data Converters	A/D 15x8/10b
Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Oscillator Type	Internal
Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package64-LQFP (12x12)	Mounting Type	-
	Package / Case	64-LQFP
Report errors?	Supplier Device Package	64-LQFP (12x12)
		Report errors?

MB90352ESPMC-GS-201E1 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.

MB90352ESPMC-GS-201E1 Payment Methods



If you have any question about MB90352ESPMC-GS-201E1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com