

MB90352ASPMC-GS-121E1

MB90352ASPMC-GS-121E1 Information

Markener.com	 MB90352ASPMC-GS-121E1 Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 128KB MROM 64LQFP 64-LQFP For the pricing/inventory/lead time, please contact	
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MB90352ASPMC-GS-121E1 Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPoripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory TypeI28KB (128K x 8)EEPROM Size-RAM SizeS1 v 5.5 VNutarersJ01 5x8/10bOperating TemperatureAvO 125°C (TA)Operating Temperature44°C ~ 125°C (TA)Package / Case64-LQFP		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series F2MC-16LX MB90350 Core Processor F2MC-16LX Core Size 16-Bit Speed 24MHz 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 Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (12x12)	Manufacturer Part Number	MB90352ASPMC-GS-121E1
Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350Core 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)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (12x12)	Manufacturer	Cypress Semiconductor Corp
Package64-LQFPSeriesF2MC-16LX MB90350Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size128KB (128K x 8)PERPOM 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-LQFPSupplier Device Package64-LQFP (12x12)	Category	Integrated Circuits (ICs)
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Core 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 ConvertersAD 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type64-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 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type64-LQFPSupplier Device Package64-LQFP (12x12)	Series	F2MC-16LX MB90350
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 ConvertersAlot 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 Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP (12x12)	Speed	24MHz
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) Package / Case 64-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/Vd)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)	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?

MB90352ASPMC-GS-121E1 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.

MB90352ASPMC-GS-121E1 Payment Methods



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