

MB90351ESPMC-GS-215E1

MB90351ESPMC-GS-215E1 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.



MB90351ESPMC-GS-215E1 Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPorpheralsDMA, LVD, POR, WDTNumber of JO51Program Memory Type64KB (64K x 8)EEPROM Size-RAM SizeJS \< 5.5 \Voltage - Supply (Vcc/Vdd)3.5 \< 5.5 \Dotat ConvertersAnd IstanianOperating Temperature440° c -125°C (TA)Mounting Type-Package / Case64LQFP		
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 64KB (64K x 8) PPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 15x8/10b Operating Temperature 440°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP	Manufacturer Part Number	MB90351ESPMC-GS-215E1
Embedded - MicrocontrollersPackage64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K x 8)PERPOM 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	Manufacturer	Cypress Semiconductor Corp
Package64-LQFPSeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K 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-Package / Case64-LQFP	Category	Integrated Circuits (ICs)
SeriesF2MC-16LX MB90350ECore ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K 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-LQFP		Embedded - Microcontrollers
Core ProcessorF2MC-16LXCore Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size35 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)S15 V ~ 5.5 VData ConvertersAnol 15x8/10bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-41QFPPackage / Case64LQFP	Package	64-LQFP
Core Size16-BitSpeed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K 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 Type64 LQFP	Series	F2MC-16LX MB90350E
Speed24MHzConnectivityCAN, EBI/EMI, I2C, LIN, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O51Program Memory Size64KB (64K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type64-LQFP	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 64KB (64K 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 - Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP	Core Size	16-Bit
Peripherals DMA, LVD, POR, WDT Number of I/O 51 Program Memory Size 64KB (64K 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	Speed	24MHz
Number of I/O51Program Memory Size64KB (64K 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-LQFP	Connectivity	CAN, EBI/EMI, I2C, LIN, UART/USART
Program Memory Size64KB (64K x 8)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-LQFP	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	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-LQFP	Program Memory Size	64KB (64K 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-LQFP	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-LQFP	EEPROM Size	-
Data ConvertersA/D 15x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP	RAM Size	4K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-LQFP	Data Converters	A/D 15x8/10b
Mounting Type-Package / Case64-LQFP	Oscillator Type	Internal
Package / Case 64-LQFP	Operating Temperature	-40°C ~ 125°C (TA)
-	Mounting Type	-
Sumplier Device Deckage (4 LOED (12)12)	Package / Case	64-LQFP
Supplier Device Fackage 04-LQFF (12X12)	Supplier Device Package	64-LQFP (12x12)
Report errors?		Report errors?

MB90351ESPMC-GS-215E1 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.

MB90351ESPMC-GS-215E1 Payment Methods



If you have any question about MB90351ESPMC-GS-215E1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com