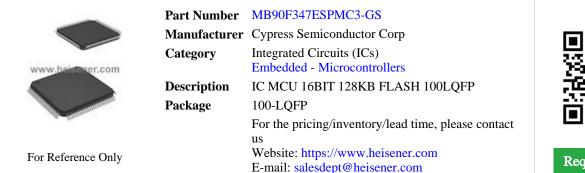


# MB90F347ESPMC3-GS

### **MB90F347ESPMC3-GS Information**





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# **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.



# MB90F347ESPMC3-GS Specifications

Anufacturer     Cypress Semiconductor Corp       Category     Integrated Circuits (ICs)       Embedded - Microcontrollers     Embedded - Microcontrollers       ackage     100-LQFP       eries     F2MC-16LX MB90340E       core Processor     F2MC-16LX       core Size     16-Bit       connectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       connectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       rogram Memory Size     128KB (128K x 8)       rogram Memory Type     FLASH       EPROM Size     -       cMM Size     6K x 8       voltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       bata Converters     A/D 16x8/10b		
AttegoryIntegrated Circuits (ICs)Embedded - Microcontrollersackage100-LQFPeriesF2MC-16LX MB90340Ebore ProcessorF2MC-16LXbore Size16-Bitpedd24MHzbornectivityCAN, EBI/EMI, LIN, SCI, UART/USARTbornectivityBAA, POR, WDTburber of I/O82trogram Memory Size128KB (128K x 8)trogram Memory TypeFLASHEPROM Size-AM Size6K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VWata ConvertersA/D 16x8/10b	Manufacturer Part Number	MB90F347ESPMC3-GS
Embedded - Microcontrollersackage100-LQFPeriesF2MC-16LX MB90340Ebore ProcessorF2MC-16LXbore Size16-Bitpeed24MHzbornectivityCAN, EBI/EMI, LIN, SCI, UART/USARTbornectivityBMA, POR, WDTteripherals128KB (128K x 8)trogram Memory Size128KB (128K x 8)trogram Memory TypeFLASHEPROM Size-AM Size6K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VWata ConvertersA/D 16x8/10b	Manufacturer	Cypress Semiconductor Corp
ackage     100-LQFP       eries     F2MC-16LX MB90340E       core Processor     F2MC-16LX       core Size     16-Bit       peed     24MHz       connectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       corpara Memory Size     DMA, POR, WDT       rogram Memory Size     128KB (128K x 8)       rogram Memory Type     FLASH       ZEPROM Size     -       Voltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Wata Converters     A/D 16x8/10b	Category	Integrated Circuits (ICs)
Processor     F2MC-16LX MB90340E       Pore Processor     F2MC-16LX       Pore Size     16-Bit       peed     24MHz       Ponnectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       Ponnectivity     DMA, POR, WDT       Rumber of I/O     82       Program Memory Size     128KB (128K x 8)       PEPROM Size     -       AM Size     6K x 8       Yoltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Pata Converters     A/D 16x8/10b		Embedded - Microcontrollers
Core Processor     F2MC-16LX       Core Size     16-Bit       peed     24MHz       Connectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       Connectivity     DMA, POR, WDT       Aumber of I/O     82       rogram Memory Size     128KB (128K x 8)       reprod     FLASH       AM Size     6K x 8       Yoltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Aut Converters     A/D 16x8/10b	Package	100-LQFP
Core Size     16-Bit       peed     24MHz       connectivity     CAN, EBI/EMI, LIN, SCI, UART/USART       eripherals     DMA, POR, WDT       rumber of I/O     82       rogram Memory Size     128KB (128K x 8)       rogram Memory Type     FLASH       SEPROM Size     6K x 8       Voltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Autoreters     A/D 16x8/10b	Series	F2MC-16LX MB90340E
peed24MHzconnectivityCAN, EBI/EMI, LIN, SCI, UART/USARTceripheralsDMA, POR, WDTkumber of I/O82rogram Memory Size128KB (128K x 8)rogram Memory TypeFLASHEPROM Size-CAM Size6K x 8Yoltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VAut ConvertersA/D 16x8/10b	Core Processor	F2MC-16LX
ProductionEndedConnectivityCAN, EBI/EMI, LIN, SCI, UART/USARTeripheralsDMA, POR, WDTAumber of I/O82rogram Memory Size128KB (128K x 8)rogram Memory TypeFLASHEPROM Size-AM Size6K x 8Yoltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VAva ConvertersA/D 16x8/10b	Core Size	16-Bit
DMA, POR, WDT       Aumber of I/O     82       rogram Memory Size     128KB (128K x 8)       rogram Memory Type     FLASH       EPROM Size     -       AM Size     6K x 8       Yoltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Autor Converters     A/D 16x8/10b	Speed	24MHz
Number of I/O     82       rogram Memory Size     128KB (128K x 8)       rogram Memory Type     FLASH       XEPROM Size     -       AM Size     6K x 8       Yoltage - Supply (Vcc/Vdd)     3.5 V ~ 5.5 V       Aut Converters     A/D 16x8/10b	Connectivity	CAN, EBI/EMI, LIN, SCI, UART/USART
rogram Memory Size128KB (128K x 8)rogram Memory TypeFLASHEPROM Size-AM Size6K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 16x8/10b	Peripherals	DMA, POR, WDT
rogram Memory TypeFLASHEPROM Size-AM Size6K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VAat ConvertersA/D 16x8/10b	Number of I/O	82
Deprove a strain of the stra	Program Memory Size	128KB (128K x 8)
AM Size6K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 16x8/10b	Program Memory Type	FLASH
Yoltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 16x8/10b	EEPROM Size	-
Data Converters A/D 16x8/10b	RAM Size	6K x 8
	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Scillator Type External	Data Converters	A/D 16x8/10b
	Oscillator Type	External
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)	Operating Temperature	-40°C ~ 105°C (TA)
founting Type -	Mounting Type	-
ackage / Case 100-LQFP	Package / Case	100-LQFP
upplier Device Package 100-LQFP (14x14)	Supplier Device Package	100-LQFP (14x14)
Report errors?		Report errors?

## MB90F347ESPMC3-GS 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.

#### MB90F347ESPMC3-GS Payment Methods



If you have any question about MB90F347ESPMC3-GS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com