

MB91F272SPMC-GSE1

MB91F272SPMC-GSE1 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.



MB91F272SPMC-GSE1 Specifications

| Manufacturer Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-LQFP Series FR MB91270 Core Processor FR60Lite RISC Core Size 32-Bit Speed 32MHz Connectivity CANbus, EBI/EMI, PC, LINbus, UART/USART Peripherals DMA, WDT Number of I/O 82 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 24x10b Operating Temperature +40°C ~ 105°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP | | | |
|---|----------------------------|---|----------------|
| ActegoryIntegrated Circuits (ICs)BuckageEmbedded - MicrocontrollersPackage100-LQFPSeriesFR MB91270Core ProcessorFR60Lite RISCCore Size32-BitSpeed32MHzConnectivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Manufacturer Part Number | MB91F272SPMC-GSE1 | |
| Embedded - MicrocontrollersPackage100-LQFPSeriesFR MB91270Core ProcessorFR60Lite RISCCore Size32-BitSpeed32MHzConcecivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Manufacturer | Cypress Semiconductor Corp | |
| Package100-LQFPSeriesFR MB91270Core ProcessorFR60Lite RISCCore Size32-BitSpeed32MHzConnecivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)PERPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOperating Temperature40°C ~ 105°C (TA)Package / Case100-LQFP (14x14) | Category | Integrated Circuits (ICs) | |
| SeriesFR MB91270Core ProcessorFR60Lite RISCCore Size32-BitSpeed32MHzConnectivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltag - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOgerating Temperature-40°C ~ 105°C (TA)Prokage / Case100-LQFP (14x14) | | Embedded - Microcontrollers | |
| Core ProcessorFR60Lite RISCCore Size32-BitSpeed32MHzConnectivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOgerating Temperature-Podcage / Case100-LQFP (14x14) | Package | 100-LQFP | |
| Core Size32-BitSpeed32MHzConnectivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Series | FR MB91270 | |
| Speed32MHzConnectivityCANbus, EBI/EMI, PC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Core Processor | FR60Lite RISC | |
| PeriodCANbus, EBI/EMI, IPC, LINbus, UART/USARTConnectivityCANbus, EBI/EMI, IPC, LINbus, UART/USARTPeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Core Size | 32-Bit | |
| PeripheralsDMA, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Speed | 32MHz | |
| Number of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Connectivity | CANbus, EBI/EMI, I ² C, LINbus, UART/USART | |
| Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Peripherals | DMA, WDT | |
| Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Number of I/O | 82 | |
| EEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Program Memory Size | 256KB (256K x 8) | |
| RAM Size10K x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Program Memory Type | FLASH | |
| Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | EEPROM Size | - | |
| Data ConvertersA/D 24x10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | RAM Size | 10K x 8 | |
| Oscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Voltage - Supply (Vcc/Vdd) | 3.5 V ~ 5.5 V | |
| Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Data Converters | A/D 24x10b | |
| Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Oscillator Type | External | |
| Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Operating Temperature | -40°C ~ 105°C (TA) | |
| Supplier Device Package100-LQFP (14x14) | Mounting Type | - | |
| | Package / Case | 100-LQFP | |
| Report errors? | Supplier Device Package | 100-LQFP (14x14) | |
| • | | | Report errors? |

MB91F272SPMC-GSE1 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.

DISCOVER

MB91F272SPMC-GSE1 Payment Methods



MB91F272SPMC-GSE1 Shipping Methods



If you have any question about MB91F272SPMC-GSE1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com