

MB90423GAVPF-GS-338E1

MB90423GAVPF-GS-338E1 Information



For Reference Only

Part Number MB90423GAVPF-GS-338E1

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 128KB MROM 100QFP

Package 100-BQFP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MB90423GAVPF-GS-338E1 Specifications

Manufacturer Part Number MB90423GAVPF-GS-338E1 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Package 100-BQFP Series F2MC-16LX MB90420G (A) Core Processor F2MC-16LX Core Size 16-Bit Speed 16MHz Connectivity CAN, UART/USART Peripherals LCD, LVD, POR, PWM, WDT Number of I/O 58 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)			
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Core Size16-BitSpeed16MHzConnectivityCAN, UART/USARTPeripheralsLCD, LVD, POR, PWM, WDTNumber of I/O58Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData ConvertersA/D 8x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Series	F2MC-16LX MB90420G (A)	
Speed16MHzConnectivityCAN, UART/USARTPeripheralsLCD, LVD, POR, PWM, WDTNumber of I/O58Program Memory Size128KB (128K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData ConvertersA/D 8x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Core Processor	F2MC-16LX	
Connectivity Peripherals LCD, LVD, POR, PWM, WDT Number of I/O 58 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 100-BQFP Supplier Device Package	Core Size	16-Bit	
Peripherals LCD, LVD, POR, PWM, WDT Number of I/O 58 Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package	Speed	16MHz	
Number of I/O Program Memory Size 128KB (128K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case Supplier Device Package 100-BQFP (14x20)	Connectivity	CAN, UART/USART	
Program Memory Size Program Memory Type Mask ROM EEPROM Size RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 100-BQFP Supplier Device Package 1128KB (128K x 8) 128KB (128K x 8) 128KB (128K x 8) 128KB (128K x 8) 128KB (128K x 8) 100-BYF (14x20)	Peripherals	LCD, LVD, POR, PWM, WDT	
Program Memory Type EEPROM Size RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package	Number of I/O	58	
EEPROM Size - GK x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Program Memory Size	128KB (128K x 8)	
RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Program Memory Type	Mask ROM	
Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D 8x8/10bOscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	EEPROM Size	-	
Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	RAM Size	6K x 8	
Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V	
Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Data Converters	A/D 8x8/10b	
Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Oscillator Type	External	
Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Operating Temperature	-40°C ~ 105°C (TA)	
Supplier Device Package 100-QFP (14x20)	Mounting Type	-	
	Package / Case	100-BQFP	
Report errors?	Supplier Device Package	100-QFP (14x20)	
			Report errors?

MB90423GAVPF-GS-338E1 Guarantees



Ouality 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.

MB90423GAVPF-GS-338E1 Payment Methods



















MB90423GAVPF-GS-338E1 Shipping Methods













If you have any question about MB90423GAVPF-GS-338E1, please do not hesitate to contact us!

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