



MB90548GPFR-G-330 Information



For Reference Only

Part NumberMB90548GPFR-G-330ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)
Embedded - Microcontrollers

IC MCU 16BIT 128KB MROM 100QFP

Package 100-BQFP

Description

For the pricing/inventory/lead time, please contact

us

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



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MB90548GPFR-G-330 Specifications

Manufacturer Part Number MB90548GPFR-G-330 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-BQFP Series F2MC-16LX MB90545G Core Processor F2MC-16LX Core Size 16-Bit Speed 16MHz Connectivity CAN, EBI/EMI, SCI, Serial I/O, UART/USART Peripherals POR, WDT Number of I/O 81 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 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package (Case 100-BOFP		
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Package 100 -BQFPSeries $F2MC$ - $16LX$ MB90545GCore Processor $F2MC$ - $16LX$ Core Size 16 -BitSpeed $16MHz$ ConnectivityCAN, EBI/EMI, SCI, Serial I/O, UART/USARTPeripheralsPOR, WDTNumber of I/O 81 Program Memory Size $128KB$ ($128K \times 8$)Program Memory TypeMask ROMEEPROM Size-RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $3.5 V \sim 5.5 V$ Data Converters $A/D 8x8/10b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}C \sim 105^{\circ}C$ (TA)Mounting Type-	Category	Integrated Circuits (ICs)
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Speed16MHzConnectivityCAN, EBI/EMI, SCI, Serial I/O, UART/USARTPeripheralsPOR, WDTNumber of I/O81Program 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 8x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-	Core Processor	F2MC-16LX
Connectivity CAN, EBI/EMI, SCI, Serial I/O, UART/USART Peripherals POR, WDT Number of I/O 81 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 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type -	Core Size	16-Bit
Peripherals POR, WDT Number of I/O 81 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 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type -	Speed	16MHz
Number of I/O 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 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type -	Connectivity	CAN, EBI/EMI, SCI, Serial I/O, UART/USART
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EEPROM Size - 4K x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type -	Program Memory Size	128KB (128K x 8)
RAM Size $ 4K \times 8 $ Voltage - Supply (Vcc/Vdd) $ 3.5 \text{ V} \sim 5.5 \text{ V} $ Data Converters $ A/D \times 8\times 10b $ Oscillator Type $ External $ Operating Temperature $ -40^{\circ}\text{C} \sim 105^{\circ}\text{C (TA)} $ Mounting Type $ -$	Program Memory Type	Mask ROM
Voltage - Supply (Vcc/Vdd) $3.5 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D 8x8/10bOscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-	EEPROM Size	-
Data Converters A/D 8x8/10b Oscillator Type External Operating Temperature -40°C ~ 105°C (TA) Mounting Type -	RAM Size	4K x 8
Oscillator Type External Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$ Mounting Type -	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$	Data Converters	A/D 8x8/10b
Mounting Type -	Oscillator Type	External
	Operating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$
Package / Case 100-ROFP	Mounting Type	-
Tuckage / Case 100 BQT	Package / Case	100-BQFP
Supplier Device Package 100-QFP (14x20)	Supplier Device Package	100-QFP (14x20)
Report errors		Report error

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We guarantee 100% customer satisfaction.

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MB90548GPFR-G-330 Shipping Methods













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