

MB90587CPF-GS-160

MB90587CPF-GS-160 Information

buw helsener.com	 MB90587CPF-GS-160 Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 64KB MROM 100QFP 100-BQFP For the pricing/inventory/lead time, please contact	
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MB90587CPF-GS-160 Specifications

Manufacturer Cypress Semiconductor Corp Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 100-BQFP Series F2MC-16LX MB90580C Core Processor F2MC-16LX Core Size 16-Bit Connectivity SCI, UART/USART Porpherals POR, WDT Number of I/O 77 Program Memory Size 64KB (64K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) Oscillator Type Sx8/10b, D/A 2x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-BQFP		
CategoryIntegrated Circuits (ICs)PackageEmbedded - MicrocontrollersPackage100-BQFPSeriesF2MC-16LX MB90580CCore ProcessorF2MC-16LXCore Size16-BitSpeed16MHzConnectivitySCI, UART/USARTPeripheralsPOR, WDTNumber of I/O77Program Memory Size64KB (64K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 8x8/10b, D/A 2x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Manufacturer Part Number	MB90587CPF-GS-160
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SeriesF2MC-16LX MB90580CCore ProcessorF2MC-16LXCore Size16-BitSpeed16MHzConnectivitySCI, UART/USARTPeripheralsPOR, WDTNumber of I/O77Program Memory Size64KB (64K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 8x8/10b, D/A 2x8bOscillator TypeExternalOperating Temperature-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)		Embedded - Microcontrollers
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Connectivity SCI, UART/USART Peripherals POR, WDT Number of I/O 77 Program Memory Size 64KB (64K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x8/10b, D/A 2x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Core Size	16-Bit
PeripheralsPOR, WDTPumber of I/O77Program Memory Size64KB (64K x 8)Program Memory TypeMask ROMEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 8x8/10b, D/A 2x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Speed	16MHz
Number of I/O 77 Program Memory Size 64KB (64K x 8) Program Memory Type Mask ROM EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x8/10b, D/A 2x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-BQFP Supplier Device Package 100-QFP (14x20)	Connectivity	SCI, UART/USART
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Data ConvertersA/D 8x8/10b, D/A 2x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	RAM Size	4K x 8
Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Data Converters	A/D 8x8/10b, D/A 2x8b
Mounting Type-Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Oscillator Type	External
Package / Case100-BQFPSupplier Device Package100-QFP (14x20)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package100-QFP (14x20)	Mounting Type	-
	Package / Case	100-BQFP
Report errors?	Supplier Device Package	100-QFP (14x20)
		Report errors?

MB90587CPF-GS-160 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.

MB90587CPF-GS-160 Payment Methods





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