

MB96F675RBPMC1-GSE2

MB96F675RBPMC1-GSE2 Information



For Reference Only

Part Number MB96F675RBPMC1-GSE2

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 160KB FLASH 64LQFP

Package 64-LQFP

For the pricing/inventory/lead time, please contact

us

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



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MB96F675RBPMC1-GSE2 Specifications

Manufacturer Part Number Manufacturer Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series F²MC-16FX MB96670 Core Processor Core Size 16-Bit Speed 32MHz Connectivity CANbus, PC, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, POR, PWM, WDT Number of I/O Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters Operating Temperature 40°C ~ 105°C (TA)		
Category	Manufacturer Part Number	MB96F675RBPMC1-GSE2
Embedded - Microcontrollers Package 64-LQFP Series F²MC-16FX MB96670 Core Processor F²MC-16FX Core Size 16-Bit Speed 32MHz Connectivity CANbus, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, POR, PWM, WDT Number of I/O 50 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA)	Manufacturer	Cypress Semiconductor Corp
Package 64-LQFP Series $F^2\text{MC-16FX MB96670}$ Core Processor $F^2\text{MC-16FX}$ Core Size 16-Bit Speed 32MHz ConnectivityCANbus, PC , LINbus, SCI, UART/USARTPeripheralsDMA, LCD, LVD, POR, PWM, WDTNumber of I/O 50 Program Memory Size $160\text{KB} (160\text{K x 8})$ Program Memory TypeFLASHEEPROM Size-RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)	Category	Integrated Circuits (ICs)
Series $F^{2}MC-16FX MB96670$ Core Processor $F^{2}MC-16FX$ Core Size $16-Bit$ Speed $32MHz$ Connectivity $CANbus, I^{2}C, LINbus, SCI, UART/USART$ Peripherals $DMA, LCD, LVD, POR, PWM, WDT$ Number of I/O 50 Program Memory Size $160KB (160K \times 8)$ Program Memory Type $FLASH$ $EEPROM Size$ $RAM Size$ $Voltage - Supply (Vcc/Vdd)$ $2.7 V \sim 5.5 V$ $Data Converters$ $A/D 12x8/10b$ $Oscillator Type$ $Internal$ $Operating Temperature$ $-40^{\circ}C \sim 105^{\circ}C (TA)$		Embedded - Microcontrollers
Core Processor F²MC-16FX Core Size 16-Bit Speed 32MHz Connectivity CANbus, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, POR, PWM, WDT Number of I/O 50 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA)	Package	64-LQFP
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Speed 32MHz Connectivity CANbus, I ² C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, POR, PWM, WDT Number of I/O 50 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA)	Core Processor	F ² MC-16FX
Connectivity CANbus, I ² C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, POR, PWM, WDT Number of I/O 50 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type Operating Temperature -40°C ~ 105°C (TA)	Core Size	16-Bit
Peripherals DMA, LCD, LVD, POR, PWM, WDT So Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature DMA, LCD, LVD, POR, PWM, WDT 50 A/D 12x8/10b TLASH	Speed	32MHz
Number of I/O50Program Memory Size $160KB (160K \times 8)$ Program Memory TypeFLASHEEPROM Size-RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} (TA)$	Connectivity	CANbus, I ² C, LINbus, SCI, UART/USART
Program Memory Size $160 \text{KB} (160 \text{K} \times 8)$ Program Memory Type $FLASH$ EEPROM Size $-$ RAM Size $4 \text{K} \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} (TA)$	Peripherals	DMA, LCD, LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D \cdot 12x8/10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)	Number of I/O	50
EEPROM Size-RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)	Program Memory Size	160KB (160K x 8)
RAM Size $ 4K \times 8 $ Voltage - Supply (Vcc/Vdd) $ 2.7 \text{ V} \sim 5.5 \text{ V} $ Data Converters $ A/D 12x8/10b $ Oscillator Type $ Internal $ Operating Temperature $ -40^{\circ}\text{C} \sim 105^{\circ}\text{C (TA)} $	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 2.7 V \sim 5.5 V Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C \sim 105°C (TA)	EEPROM Size	-
Data ConvertersA/D $12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)	RAM Size	4K x 8
Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 12x8/10b
	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 64-LQFP	Package / Case	64-LQFP
Supplier Device Package 64-LQFP (10x10)	Supplier Device Package	64-LQFP (10x10)
Report errors		Report errors?

MB96F675RBPMC1-GSE2 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.

MB96F675RBPMC1-GSE2 Payment Methods





















MB96F675RBPMC1-GSE2 Shipping Methods













If you have any question about MB96F675RBPMC1-GSE2, please do not hesitate to contact us!

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