

MB95F696KNPMC-G-107-SNE2

MB95F696KNPMC-G-107-SNE2 Information

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Part Number MB95F696KNPMC-G-107-SNE2
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MICROCONTROLLER

Package 48-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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MB95F696KNPMC-G-107-SNE2 Specifications

Manufacturer Part Number MB95F696KNPMC-G-107-SNE2 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-LQFP Series F2MC-8FX MB95690K Core Processor F2MC-8FX Core Size 8-Bit Speed 16MHz Connectivity PC, LINbus, SIO, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	1	
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Core Processor F²MC-8FX Core Size 8-Bit Speed 16MHz Connectivity P°C, LINbus, SIO, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Package	48-LQFP
Core Size8-BitSpeed16MHzConnectivityP°C, LINbus, SIO, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O45Program Memory Size36KB (36K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.88 V ~ 5.5 VData ConvertersA/D 12x8/10bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFP	Series	F ² MC-8FX MB95690K
Speed 16MHz Connectivity P°C, LINbus, SIO, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Core Processor	F ² MC-8FX
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type -2ckage / Case 48-LQFP	Core Size	8-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Speed	16MHz
Number of I/O 45 Program Memory Size 36KB (36K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Connectivity	I ² C, LINbus, SIO, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature Mounting Type Package / Case 36KB (36K x 8) FLASH	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Number of I/O	45
EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Program Memory Size	36KB (36K x 8)
RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.88 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-LQFP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.88 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12x8/10b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 48-LQFP	EEPROM Size	-
Data ConvertersA/D $12x8/10b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 48-LQFP	RAM Size	1K x 8
Oscillator Type External Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 48-LQFP	Voltage - Supply (Vcc/Vdd)	2.88 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$ Package / Case 48-LQFP	Data Converters	A/D 12x8/10b
Mounting Type - Package / Case 48-LQFP	Oscillator Type	External
Package / Case 48-LQFP	Operating Temperature	-40°C ~ 85°C (TA)
-	Mounting Type	-
	Package / Case	48-LQFP
Supplier Device Package 48-LQFP (7x7)	Supplier Device Package	48-LQFP (7x7)
Report errors?		Report errors?

MB95F696KNPMC-G-107-SNE2 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.

MB95F696KNPMC-G-107-SNE2 Payment Methods



















MB95F696KNPMC-G-107-SNE2 Shipping Methods













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