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CY96F625RBPMC1-GS-UJE2

CY96F625RBPMC1-GS-UJE2 Information

Part NumberCY96F625RBPMC1-GS-UJE2ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)EmbeddedMismosoptrollers

Embedded - Microcontrollers

Description IC MCU 16BIT 160KB FLASH 64LQFP

Package 64-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

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CY96F625RBPMC1-GS-UJE2 Specifications

Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series F²MC-16FX CY96620 Core Processor F²MC-16FX Core Size 16-Bit Speed 32MHz Connectivity CANbus, PC, LINbus, SCI, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 52 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP		
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Core Size Speed 32MHz Connectivity CANbus, PC, LINbus, SCI, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Sumber of I/O 52 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case	Series	F2MC-16FX CY96620
Speed32MHzConnectivityCANbus, I*C, LINbus, SCI, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size160KB (160K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size10K x 8Voltage - Supply (Vcc/Vdd)2.7V ~ 5.5VData ConvertersA/D 21x8/10b SAROscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case64-LQFP	Core Processor	F2MC-16FX
Connectivity CANbus, PC, LINbus, SCI, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 52 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP	Core Size	16-Bit
Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 52 Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP	Speed	32MHz
Number of I/O Program Memory Size 160KB (160K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 52 160KB (160K x 8) FLASH - LASH INTERNATION SAN Surface Mount 64-LQFP	Connectivity	CANbus, I ² C, LINbus, SCI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 160KB (160K x 8) FLASH Internal -40°C ~ 125°C (TA)	Peripherals	DMA, LVD, POR, PWM, WDT
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EEPROM Size - 10K x 8 Voltage - Supply (Vcc/Vdd) 2.7V ~ 5.5V Data Converters A/D 21x8/10b SAR Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP	Program Memory Size	160KB (160K x 8)
RAM Size $10K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7V \sim 5.5V$ Data Converters $A/D 21x8/10b \text{ SAR}$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C (TA)}$ Mounting Type $Surface \text{ Mount}$ Package / Case 64-LQFP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.7V \sim 5.5V$ Data ConvertersA/D $21x8/10b$ SAROscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 64-LQFP	EEPROM Size	-
Data ConvertersA/D 21x8/10b SAROscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case64-LQFP	RAM Size	10K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP	Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V
Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 64-LQFP	Data Converters	A/D 21x8/10b SAR
Mounting Type Surface Mount Package / Case 64-LQFP	Oscillator Type	Internal
Package / Case 64-LQFP	Operating Temperature	-40°C ~ 125°C (TA)
•	Mounting Type	Surface Mount
Complian Device Device Device	Package / Case	64-LQFP
Supplier Device Package 64-LQPP (10x10)	Supplier Device Package	64-LQFP (10x10)
Report errors?		Report errors?

CY96F625RBPMC1-GS-UJE2 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.

CY96F625RBPMC1-GS-UJE2 Payment Methods



















CY96F625RBPMC1-GS-UJE2 Shipping Methods













If you have any question about CY96F625RBPMC1-GS-UJE2, please do not hesitate to contact us!

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