

PIC32MK1024GPE064-I/PT Information

Heisener.com	 PIC32MK1024GPE064-I/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 1MB FLASH 44TQFP 44-TQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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PIC32MK1024GPE064-I/PT Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package 44-TQFP Series PIC? 32MK Core Processor MIPS32? microAptiv? Core Size 32-Bit Speed 120MHz Connectivity CAN, IrDA, LIN, PMP, QEI, SPI, UART/USART Porgram Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.2 V ~ 3.6 V Data Converters AD 26x12b Operating Temperature -40°C ~ 85°C (TA) Program Menory Type Flexest				
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-TQFPSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (IM x 8)Program Memory SizeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFP	Manufacturer Part Number	PIC32MK1024GPE064-I/PT		
Endeddel - MicrocontrollersPackage44-TQFPSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Manufacturer	Microchip Technology		
Package44-TQFPSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnetivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Category	Integrated Circuits (ICs)		
SeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)		Embedded - Microcontrollers		
Core NoteMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFP (10x10)	Package	44-TQFP		
Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size32-SK x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOperating Temperature-40°C ~ 85°C (TA)Program Grape44-TQFP (10x10)	Series	PIC? 32MK		
Speed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Core Processor	MIPS32? microAptiv?		
ConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFP (10x10)	Core Size	32-Bit		
PeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O48Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Speed	120MHz		
Number of I/O48Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP<(10x10)	Connectivity	CAN, IrDA, LIN, PMP, QEI, SPI, UART/USART		
Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDT		
Program Memory TypeFLASHEEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Number of I/O	48		
EEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Program Memory Size	1MB (1M x 8)		
RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Program Memory Type	FLASH		
Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 26x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	EEPROM Size	4K x 8		
Data ConvertersA/D 26x12bData ConvertersInternalOscillator Type-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	RAM Size	256K x 8		
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V		
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Data Converters	A/D 26x12b		
Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Oscillator Type	Internal		
Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package44-TQFP (10x10)	Mounting Type	-		
	Package / Case	44-TQFP		
Report errors?	Supplier Device Package	44-TQFP (10x10)		
			Report errors?	

PIC32MK1024GPE064-I/PT 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.

PIC32MK1024GPE064-I/PT Payment Methods



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