

PIC32MK1024MCF064-I/MR

PIC32MK1024MCF064-I/MR Information



E-mail: salesdept@heisener.com

For Reference Only

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



Request a Quote

PIC32MK1024MCF064-I/MR Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadPackage64-VFQFN Exposed PadSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTPargram Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersAD 27x12bDerating Temperature-40°C ~ 85°C (TA)Auonting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-UFN (9x9)			
CategoryIntegrated Circuits (Ics)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnetivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTVumber of I/O49Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDetailty TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed Pad	Manufacturer Part Number	PIC32MK1024MCF064-I/MR	
Endeddel - MicrocontrollersPackage64-VFQFN Exposed PadSeriesPIC? 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/O49Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDerating Temperature40°C ~ 85°C (TA)Automiting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Manufacturer	Microchip Technology	
Package64-VFQFN Exposed PadSeriesPIC? 32MKCore ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnetivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, Motor Control PWM, WDTProgram Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersAnd 27x12bDerating Temperature-40°C ~ 85°C (TA)Advonting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	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/O49Perogram Memory SizeIMB (1M x 8)Perogram Memory TypeFLASHEEPROM Size4K x 8Xoltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDocaldor TypeInternalOperating Temperature-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)		Embedded - Microcontrollers	
Core ProcessorMIPS32? microAptiv?Core Size32-BitSpeed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTPerogram Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDoerating Temperature-40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-VFQFN Exposed Pad	
Core Size 32-Bit Speed 120MHz Connectivity CAN, IrDA, LIN, PMP, QEI, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDT Number of I/O 49 Program Memory Size IMB (1M x 8) Program Memory Type FLASH RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.2 V ~ 3.6 V Data Converters A/D 27x12b Derating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Series	PIC? 32MK	
Speed120MHzConnectivityCAN, IrDA, LIN, PMP, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O49Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHPerogram Memory Type56K x 8CMA Size256K x 8Voltage - Supply (Vcc/Vdd)22 V ~ 3.6 VDetaiting TypeInternalOperating Type40°C ~ 85°C (TA)Package / Case64-VFQFNEADEdedededededededededededededededededede	Core Processor	MIPS32? microAptiv?	
Connectivity CAN, IrDA, LIN, PMP, QEI, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDT Number of I/O 49 Program Memory Size IMB (1M x 8) Program Memory Type FLASH BEPROM Size 4K x 8 Converters 256K x 8 Voltage - Supply (Vcc/Vdd) 2.2 V ~ 3.6 V Derating Temperature -40°C ~ 85°C (TA) Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, I2S, POR, Motor Control PWM, WDTNumber of I/O49Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8XAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDocillator Type-Operating Temperature-40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Speed	120MHz	
Number of I/O49Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8SAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Connectivity	CAN, IrDA, LIN, PMP, QEI, SPI, UART/USART	
Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size4K x 8XAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDerating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	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 27x12bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of I/O	49	
EEPROM Size4K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Size	1MB (1M x 8)	
RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDocillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Type	FLASH	
NotestingHorsestingVoltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 VData ConvertersA/D 27x12bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	EEPROM Size	4K x 8	
Data ConvertersA/D 27x12bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	RAM Size	256К х 8	
Deciliator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V	
Derating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Data Converters	A/D 27x12b	
Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Oscillator Type	Internal	
Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package64-QFN (9x9)	Mounting Type	-	
	Package / Case	64-VFQFN Exposed Pad	
Report errors?	Supplier Device Package	64-QFN (9x9)	
			Report errors?

PIC32MK1024MCF064-I/MR 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.

PIC32MK1024MCF064-I/MR Payment Methods



If you have any question about PIC32MK1024MCF064-I/MR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com