

PIC32MZ1024EFF064T-I/MR

PIC32MZ1024EFF064T-I/MR Information



For Reference Only

Part Number PIC32MZ1024EFF064T-I/MR

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 1MB FLASH 64QFN

Package 64-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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PIC32MZ1024EFF064T-I/MR Specifications

Manufacturer Part Number PIC32MZ1024EFF064T-I/MR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-VFQFN Exposed Pad Series PIC* 32MZ Core Processor MIPS32? M-Class Core Size 32-Bit Speed 200MHz Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size IMB (IM x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)			
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-VFQFN Exposed Pad Series PIC? 32MZ Core Processor MIPS32? M-Class Core Size 32-Bit Speed 200MHz Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Manufacturer Part Number	PIC32MZ1024EFF064T-I/MR	
Package64-VFQFN Exposed PadSeriesPIC? 32MZCore ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityCAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O46Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 24x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Manufacturer	Microchip Technology	
Package 64-VFQFN Exposed Pad Series PIC? 32MZ Core Processor MIPS32? M-Class Core Size 32-Bit Speed 200MHz Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Category	Integrated Circuits (ICs)	
Series PIC? 32MZ Core Processor MIPS32? M-Class Core Size 32-Bit Speed 200MHz Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)		Embedded - Microcontrollers	
Core ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityCAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O46Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 24x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-VFQFN Exposed Pad	
Core Size 32-Bit Speed 200MHz Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Series	PIC? 32MZ	
Speed200MHzConnectivityCAN, Ethernet, 12C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, PWM, WDTNumber of I/O46Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 24x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Processor	MIPS32? M-Class	
Connectivity CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 46 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Core Size	32-Bit	
Peripherals Brown-out Detect/Reset, DMA, 12S, POR, PWM, WDT Number of I/O 46 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Speed	200MHz	
Number of I/O Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-QFN (9x9)	Connectivity	CAN, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG	
Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Number of I/O	46	
EEPROM Size - 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Program Memory Size	1MB (1M x 8)	
RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd) 2.1 V ~ 3.6 V Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	EEPROM Size	-	
Data Converters A/D 24x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	RAM Size	256K x 8	
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V	
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Data Converters	A/D 24x12b	
Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Oscillator Type	Internal	
Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package 64-QFN (9x9)	Mounting Type	-	
	Package / Case	64-VFQFN Exposed Pad	
Report errors?	Supplier Device Package	64-QFN (9x9)	
			Report errors?

PIC32MZ1024EFF064T-I/MR 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.

PIC32MZ1024EFF064T-I/MR Payment Methods



















PIC32MZ1024EFF064T-I/MR Shipping Methods













If you have any question about PIC32MZ1024EFF064T-I/MR, please do not hesitate to contact us!

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