

PIC32MZ1024EFE100T-I/PT

PIC32MZ1024EFE100T-I/PT Information



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.



PIC32MZ1024EFE100T-I/PT Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage100-TQFPSeriesPIC? 32MZCore ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGNumber of I/O78Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-Nutage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage100-TQFPSeriesPIC? 32MZCore ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, 12C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2,1 V ~ 3.6 VData ConvertersA/D 40x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Manufacturer Part Number	PIC32MZ1024EFE100T-I/PT	
Imbedded - Microcontrollers Package 100-TQFP Series PIC? 32MZ Core Processor MIPS32? M-Class Core Size 32-Bit Speed 200MHz Connectivity EBI/EMI, Ethernet, 12C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, 12S, POR, PWM, WDT Number of I/O 78 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 40x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (12x12)	Manufacturer	Microchip Technology	
Package100-TQFPSeriesPIC? 32MZCore ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, 12C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, 12S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (1M x 8)PERPOM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersAID 40x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)	Category	Integrated Circuits (ICs)	
SeriesPIC? 32MZCore ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)		Embedded - Microcontrollers	
Core ProcessorMIPS32? M-ClassCore Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, 12C, PMP, SPI, SQI, UART/USART, USB OTGPripheralsBrown-out Detect/Reset, DMA, 12S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)21 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-A0°C ~ 85°C (TA)Prokage / Case100-TQFP (12x12)	Package	100-TQFP	
Core Size32-BitSpeed200MHzConnectivityEBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)	Series	PIC? 32MZ	
Speed200MHzConnectivityEBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O78Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type0Package / Case100-TQFP (12x12)	Core Processor	MIPS32? M-Class	
Connectivity EBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 78 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 40x12b Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TQFP (12x12)	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O78Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)	Speed	200MHz	
Number of I/O78Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)	Connectivity	EBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG	
Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP (12x12)	Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Number of I/O	78	
EEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Program Memory Size	1MB (1M x 8)	
RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2.1 V ~ 3.6 VData ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	EEPROM Size	-	
Data ConvertersA/D 40x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	RAM Size	256K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Data Converters	A/D 40x12b	
Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Oscillator Type	Internal	
Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package100-TQFP (12x12)	Mounting Type	-	
	Package / Case	100-TQFP	
Report errors?	Supplier Device Package	100-TQFP (12x12)	
			Report errors?

PIC32MZ1024EFE100T-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.

PIC32MZ1024EFE100T-I/PT Payment Methods



If you have any question about PIC32MZ1024EFE100T-I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com