

**PIC32MZ0512EFE064-E/PT Information**


For Reference Only

**Part Number** [PIC32MZ0512EFE064-E/PT](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 64TQFP  
**Package** 64-TQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**PIC32MZ0512EFE064-E/PT Specifications**

|  |  |
|--|--|
| Manufacturer Part Number                             | <a href="#">PIC32MZ0512EFE064-E/PT</a>                                   |
| Manufacturer   | Microchip Technology   |
| Category   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package  | 64-TQFP  |
| Series   | Automotive, AEC-Q100, PIC® 32MZ  |
| Core Processor                                       | MIPS32® M-Class  |
| Core Size  | 32-Bit   |
| Speed  | 180MHz   |
| Connectivity   | Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART, USB OTG           |
| Peripherals  | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT             |
| Number of I/O  | 46   |
| Program Memory Size                                  | 512KB (512K x 8)   |
| Program Memory Type                                  | FLASH  |
| EEPROM Size  | -  |
| RAM Size   | 128K x 8   |
| Voltage - Supply (V <sub>cc</sub> /V <sub>dd</sub> ) | 2.1 V ~ 3.6 V  |
| Data Converters                                      | A/D 24x12b   |
| Oscillator Type                                      | Internal   |
| Operating Temperature                                | -40°C ~ 125°C  |
| Mounting Type  | -  |
| Package / Case                                       | 64-TQFP  |
| Supplier Device Package                              | 64-TQFP (10x10)  |

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## PIC32MZ0512EFE064-E/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.

## PIC32MZ0512EFE064-E/PT Payment Methods



## PIC32MZ0512EFE064-E/PT Shipping Methods



If you have any question about PIC32MZ0512EFE064-E/PT, please do not hesitate to contact us!

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