

**PIC32MZ0512EFK144T-E/JWX Information**


For Reference Only

**Part Number** [PIC32MZ0512EFK144T-E/JWX](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 512KB FLASH, 128KB RAM, CRYPTO,  
**Package** 144-TFBGA  
 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.


**PIC32MZ0512EFK144T-E/JWX Specifications**

Manufacturer Part Number	<a href="#">PIC32MZ0512EFK144T-E/JWX</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-TFBGA
Series	Automotive, AEC-Q100, PIC® 32MZ
Core Processor	MIPS32® M-Class
Core Size	32-Bit
Speed	180MHz
Connectivity	CANbus, EBI/EMI, 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	120
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V
Data Converters	A/D 48x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	144-TFBGA
Supplier Device Package	144-TFBGA (7x7)

[Report errors?](#)

## PIC32MZ0512EFK144T-E/JWX 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.

## PIC32MZ0512EFK144T-E/JWX Payment Methods



## PIC32MZ0512EFK144T-E/JWX Shipping Methods



If you have any question about PIC32MZ0512EFK144T-E/JWX, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)