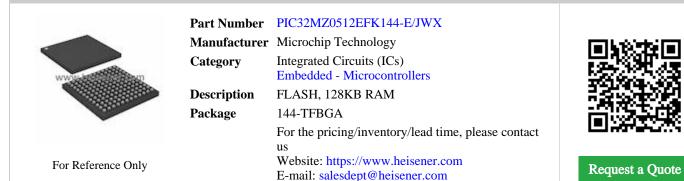


# PIC32MZ0512EFK144-E/JWX

#### PIC32MZ0512EFK144-E/JWX 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.



# PIC32MZ0512EFK144-E/JWX Specifications

Manufacturer Part Number	PIC32MZ0512EFK144-E/JWX
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
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, I2S, 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?

### PIC32MZ0512EFK144-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.



If you have any question about PIC32MZ0512EFK144-E/JWX, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com