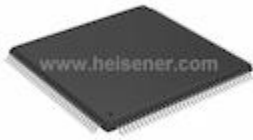


**PIC32MZ2048EFH144-E/PH Information**


For Reference Only

**Part Number** [PIC32MZ2048EFH144-E/PH](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 2MB FLASH 144TQFP  
**Package** 144-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.


**PIC32MZ2048EFH144-E/PH Specifications**

Manufacturer Part Number	<a href="#">PIC32MZ2048EFH144-E/PH</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-TQFP
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	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	512K 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-TQFP
Supplier Device Package	144-TQFP (16x16)

[Report errors?](#)

## PIC32MZ2048EFH144-E/PH 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.

## PIC32MZ2048EFH144-E/PH Payment Methods



## PIC32MZ2048EFH144-E/PH Shipping Methods



If you have any question about PIC32MZ2048EFH144-E/PH, please do not hesitate to contact us!

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

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