

PIC32MZ0512EFE144-E/PH Information


For Reference Only

Part Number [PIC32MZ0512EFE144-E/PH](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 144TQFP
Package 144-TQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


PIC32MZ0512EFE144-E/PH Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | PIC32MZ0512EFE144-E/PH |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 144-TQFP |
| Series | Automotive, AEC-Q100, PIC® 32MZ |
| Core Processor | MIPS32® M-Class |
| Core Size | 32-Bit |
| Speed | 180MHz |
| Connectivity | EBI/EMI, Ethernet, I ² C, PMP, SPI, SQI, UART/USART, USB OTG |
| Peripherals | Brown-out Detect/Reset, DMA, I ² 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-TQFP |
| Supplier Device Package | 144-TQFP (16x16) |

[Report errors?](#)

PIC32MZ0512EFE144-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.

PIC32MZ0512EFE144-E/PH Payment Methods



PIC32MZ0512EFE144-E/PH Shipping Methods



If you have any question about PIC32MZ0512EFE144-E/PH, please do not hesitate to contact us!

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