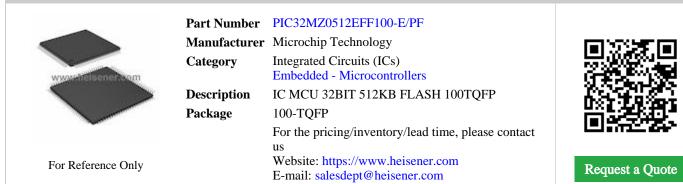


# PIC32MZ0512EFF100-E/PF

### PIC32MZ0512EFF100-E/PF 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.



## PIC32MZ0512EFF100-E/PF Specifications

| Manufacturer Part Number   | PIC32MZ0512EFF100-E/PF   |
|----------------------------|--|
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)  |
|                            | Embedded - Microcontrollers  |
| Package                    | 100-TQFP   |
| Series                     | Automotive, AEC-Q100, PIC® 32MZ                                    |
| Core Processor             | MIPS32® M-Class  |
| Core Size                  | 32-Bit   |
| Speed                      | 180MHz   |
| Connectivity               | CANbus, EBI/EMI, Ethernet, I2C, PMP, SPI, SQI, UART/USART, USB OTG |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT                    |
| Number of I/O              | 78   |
| 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 40x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C  |
| Mounting Type              | -  |
| Package / Case             | 100-TQFP   |
| Supplier Device Package    | 100-TQFP (14x14)   |
|                            | Report errors?   |

### PIC32MZ0512EFF100-E/PF 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.

#### PIC32MZ0512EFF100-E/PF Payment Methods



If you have any question about PIC32MZ0512EFF100-E/PF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com