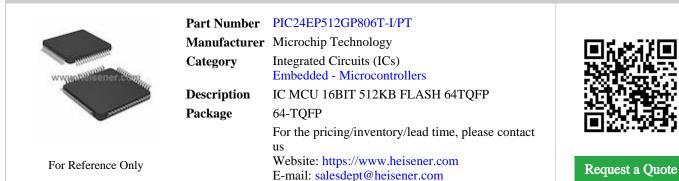


# PIC24EP512GP806T-I/PT

### PIC24EP512GP806T-I/PT 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.



## PIC24EP512GP806T-I/PT Specifications

| Manufacturer Part Number   | PIC24EP512GP806T-I/PT                      |                |
|----------------------------|--|----------------|
| Manufacturer               | Microchip Technology                       |                |
| Category                   | Integrated Circuits (ICs)                  |                |
|                            | Embedded - Microcontrollers                |                |
| Package                    | 64-TQFP                                    |                |
| Series                     | PIC? 24EP                                  |                |
| Core Processor             | PIC  |                |
| Core Size                  | 16-Bit                                     |                |
| Speed                      | 70 MIPs                                    |                |
| Connectivity               | CAN, I2C, IrDA, LIN, SPI, UART/USART       |                |
| Peripherals                | Brown-out Detect/Reset, DMA, POR, PWM, WDT |                |
| Number of I/O              | 53   |                |
| Program Memory Size        | 512KB (170K x 24)                          |                |
| Program Memory Type        | FLASH                                      |                |
| EEPROM Size                | -  |                |
| RAM Size                   | 24K x 16                                   |                |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V                                |                |
| Data Converters            | A/D 24x10b/12b                             |                |
| Oscillator Type            | Internal                                   |                |
| Operating Temperature      | -40°C ~ 85°C (TA)                          |                |
| Mounting Type              | -  |                |
| Package / Case             | 64-TQFP                                    |                |
| Supplier Device Package    | 64-TQFP (10x10)                            |                |
|                            |  | Report errors? |

### PIC24EP512GP806T-I/PT 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.

### PIC24EP512GP806T-I/PT Payment Methods



If you have any question about PIC24EP512GP806T-I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com