

**PIC16F506-I/MG Information**


For Reference Only

**Part Number** [PIC16F506-I/MG](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 1.5KB FLASH 16QFN  
**Package** 16-VFQFN Exposed Pad  
 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.


**PIC16F506-I/MG Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">PIC16F506-I/MG</a>   |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 16-VFQFN Exposed Pad   |
| Series                     | PIC? 16F   |
| Core Processor             | PIC  |
| Core Size                  | 8-Bit  |
| Speed                      | 20MHz  |
| Connectivity               | -  |
| Peripherals                | POR, WDT   |
| Number of I/O              | 11   |
| Program Memory Size        | 1.5KB (1K x 12)  |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 67 x 8   |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 5.5 V  |
| Data Converters            | A/D 4x8b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 16-VFQFN Exposed Pad   |
| Supplier Device Package    | 16-QFN-EP (3x3)  |

[Report errors?](#)

## PIC16F506-I/MG 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.

## PIC16F506-I/MG Payment Methods



## PIC16F506-I/MG Shipping Methods



If you have any question about PIC16F506-I/MG, please do not hesitate to contact us!

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

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