

**PIC16LF18345-E/GZVAO Information**


For Reference Only

**Part Number** [PIC16LF18345-E/GZVAO](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 14KB FLASH 256 EEPROM 1KB RAM 12  
**Package** 20-UFQFN 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.


**PIC16LF18345-E/GZVAO Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">PIC16LF18345-E/GZVAO</a>                                     |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 20-UFQFN Exposed Pad   |
| Series                     | Automotive, AEC-Q100, PIC® XLP™ 16F                                      |
| Core Processor             | PIC  |
| Core Size                  | 8-Bit  |
| Speed                      | 32MHz  |
| Connectivity               | I <sup>2</sup> C, LINbus, SPI, UART/USART                                |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                                    |
| Number of I/O              | 18   |
| Program Memory Size        | 14KB (8K x 14)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 256 x 8  |
| RAM Size                   | 1K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.8V ~ 5.5V  |
| Data Converters            | A/D 17x10b; D/A 1x5b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | Surface Mount  |
| Package / Case             | 20-UFQFN Exposed Pad   |
| Supplier Device Package    | 20-UQFN (4x4)  |

[Report errors?](#)

## PIC16LF18345-E/GZVAO 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.

## PIC16LF18345-E/GZVAO Payment Methods



## PIC16LF18345-E/GZVAO Shipping Methods



If you have any question about PIC16LF18345-E/GZVAO, please do not hesitate to contact us!

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

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