

**PIC18LF4580-I/P Information**


For Reference Only

**Part Number** [PIC18LF4580-I/P](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 32KB FLASH 40DIP  
**Package** 40-DIP (0.600", 15.24mm)  
 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.


**PIC18LF4580-I/P Specifications**

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">PIC18LF4580-I/P</a>                                          |
| Manufacturer               | Microchip Technology                                                     |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 40-DIP (0.600", 15.24mm)                                                 |
| Series                     | PIC <sup>®</sup> 18F                                                     |
| Core Processor             | PIC                                                                      |
| Core Size                  | 8-Bit                                                                    |
| Speed                      | 40MHz                                                                    |
| Connectivity               | CAN, I2C, SPI, UART/USART                                                |
| Peripherals                | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                              |
| Number of I/O              | 36                                                                       |
| Program Memory Size        | 32KB (16K x 16)                                                          |
| Program Memory Type        | FLASH                                                                    |
| EEPROM Size                | 256 x 8                                                                  |
| RAM Size                   | 1.5K x 8                                                                 |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 5.5 V                                                              |
| Data Converters            | A/D 11x10b                                                               |
| Oscillator Type            | Internal                                                                 |
| Operating Temperature      | -40°C ~ 85°C (TA)                                                        |
| Mounting Type              | -                                                                        |
| Package / Case             | 40-DIP (0.600", 15.24mm)                                                 |
| Supplier Device Package    | 40-PDIP                                                                  |

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## PIC18LF4580-I/P 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.

## PIC18LF4580-I/P Payment Methods



## PIC18LF4580-I/P Shipping Methods



If you have any question about PIC18LF4580-I/P, please do not hesitate to contact us!

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