

**PIC18F4585-I/PT Information**


For Reference Only

**Part Number** [PIC18F4585-I/PT](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 48KB FLASH 44TQFP  
**Package** 44-TQFP  
 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.


**PIC18F4585-I/PT Specifications**

|                                |  |
|--------------------------------|--|
| Manufacturer Part Number       | <a href="#">PIC18F4585-I/PT</a>  |
| Manufacturer                   | Microchip Technology   |
| Category                       | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                        | 44-TQFP  |
| 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            | 48KB (24K x 16)  |
| Program Memory Type            | FLASH  |
| EEPROM Size                    | 1K x 8   |
| RAM Size                       | 3.25K x 8  |
| Voltage - Supply (Vcc/Vdd)     | 4.2 V ~ 5.5 V  |
| Data Converters                | A/D 11x10b   |
| Oscillator Type                | Internal   |
| Operating Temperature          | -40°C ~ 85°C (TA)  |
| Mounting Type                  | -  |
| Package / Case                 | 44-TQFP  |
| Supplier Device Package        | 44-TQFP (10x10)  |
| <a href="#">Report errors?</a> |  |

## PIC18F4585-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.

## PIC18F4585-I/PT Payment Methods



## PIC18F4585-I/PT Shipping Methods



If you have any question about PIC18F4585-I/PT, please do not hesitate to contact us!

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