

**PIC18F2580T-I/SO Information**


For Reference Only

**Part Number** [PIC18F2580T-I/SO](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 32KB FLASH 28SOIC  
**Package** 28-SOIC (0.295", 7.50mm Width)  
 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.


**PIC18F2580T-I/SO Specifications**

|                                |                                                                          |
|--------------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number       | <a href="#">PIC18F2580T-I/SO</a>                                         |
| Manufacturer                   | Microchip Technology                                                     |
| Category                       | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                        | 28-SOIC (0.295", 7.50mm Width)                                           |
| 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                  | 25                                                                       |
| 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)     | 4.2 V ~ 5.5 V                                                            |
| Data Converters                | A/D 8x10b                                                                |
| Oscillator Type                | Internal                                                                 |
| Operating Temperature          | -40°C ~ 85°C (TA)                                                        |
| Mounting Type                  | -                                                                        |
| Package / Case                 | 28-SOIC (0.295", 7.50mm Width)                                           |
| Supplier Device Package        | 28-SOIC                                                                  |
| <a href="#">Report errors?</a> |                                                                          |

## PIC18F2580T-I/SO 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.

## PIC18F2580T-I/SO Payment Methods



## PIC18F2580T-I/SO Shipping Methods



If you have any question about PIC18F2580T-I/SO, please do not hesitate to contact us!

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