



### PIC16F87-I/SO Information



For Reference Only

Part Number PIC16F87-I/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description**IC MCU 8BIT 7KB FLASH 18SOIC**Package**18-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



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.









# PIC16F87-I/SO Specifications

| Manufacturer Part Number   | PIC16F87-I/SO                         |
|----------------------------|---------------------------------------|
| Manufacturer               | Microchip Technology                  |
| Category                   | Integrated Circuits (ICs)             |
|                            | Embedded - Microcontrollers           |
| Package                    | 18-SOIC (0.295", 7.50mm Width)        |
| Series                     | PIC? 16F                              |
| Core Processor             | PIC                                   |
| Core Size                  | 8-Bit                                 |
| Speed                      | 20MHz                                 |
| Connectivity               | I2C, SPI, UART/USART                  |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT |
| Number of I/O              | 16                                    |
| Program Memory Size        | 7KB (4K x 14)                         |
| Program Memory Type        | FLASH                                 |
| EEPROM Size                | 256 x 8                               |
| RAM Size                   | 368 x 8                               |
| Voltage - Supply (Vcc/Vdd) | 4 V ~ 5.5 V                           |
| Data Converters            | -                                     |
| Oscillator Type            | Internal                              |
| Operating Temperature      | -40°C ~ 85°C (TA)                     |
| Mounting Type              | -                                     |
| Package / Case             | 18-SOIC (0.295", 7.50mm Width)        |
| Supplier Device Package    | 18-SOIC                               |
|                            | Report errors?                        |

#### PIC16F87-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.

### PIC16F87-I/SO Payment Methods



















# PIC16F87-I/SO Shipping Methods













If you have any question about PIC16F87-I/SO, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com