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See specifications for product details.



## PIC16F15313T-I/SN

Manufacturer Part Number **PIC16F15313T-I/SN**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16F15313T-I/SN**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 8BIT 3.5KB FLASH 8SOIC**

Package **8-SOIC (0.154", 3.90mm Width)**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC16F15313T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F15313T-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F15313T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16F15313T-I/SN Tech Specifications

PIC16F15313T-I/SN - Microchip Technology technical specifications, attributes, parameters

| Product Attribute          | Attribute Value                       | Product Attribute     | Attribute Value                           |
|----------------------------|---------------------------------------|-----------------------|---|
| Manufacturer               | Microchip Technology                  | Oscillator Type       | Internal                                  |
| Voltage - Supply (Vcc/Vdd) | 2.3V ~ 5.5V                           | Operating Temperature | -40°C ~ 85°C (TA)                         |
| Supplier Device Package    | 8-SOIC                                | Number of I/O         | 6   |
| Speed                      | 32MHz                                 | Mounting Type         | Surface Mount                             |
| Series                     | PIC® XLP™ 16F                         | EEPROM Size           | -   |
| RAM Size                   | 256 x 8                               | Data Converters       | A/D 5x10b; D/A 1x5b                       |
| Program Memory Type        | FLASH                                 | Core Size             | 8-Bit                                     |
| Program Memory Size        | 3.5KB (2K x 14)                       | Core Processor        | PIC                                       |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT | Connectivity          | I <sup>2</sup> C, LINbus, SPI, UART/USART |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)         | Base Product Number   | PIC16F15313                               |
| Package                    | Tape & Reel (TR)                      |                       |   |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15313T-I/SN

| Product Attribute          |   |   |   |   |
|----------------------------|---|---|---|---|
| Part Number                | PIC16F15313T-I/SN                         | <a href="#">PIC16F15323T-I/ST</a>         | <a href="#">PIC16F15324-E/SL</a>          | <a href="#">PIC16F15323-E/SL</a>          |
| Manufacturer               | Microchip Technology                      | Microchip Technology                      | Microchip Technology                      | Microchip Technology                      |
| EEPROM Size                | -   | -   | -   | -   |
| Voltage - Supply (Vcc/Vdd) | 2.3V ~ 5.5V                               | 2.3V ~ 5.5V                               | 2.3V ~ 5.5V                               | 2.3V ~ 5.5V                               |
| Base Product Number        | PIC16F15313                               | PIC16F15323                               | PIC16F15324                               | PIC16F15323                               |
| Program Memory Type        | FLASH                                     | FLASH                                     | FLASH                                     | FLASH                                     |
| RAM Size                   | 256 x 8                                   | 256 x 8                                   | 512 x 8                                   | 256 x 8                                   |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT     | Brown-out Detect/Reset, POR, PWM, WDT     | Brown-out Detect/Reset, POR, PWM, WDT     | Brown-out Detect/Reset, POR, PWM, WDT     |
| Data Converters            | A/D 5x10b; D/A 1x5b                       | A/D 11x10b; D/A 1x5b                      | A/D 11x10b; D/A 1x5b                      | A/D 11x10b; D/A 1x5b                      |
| Operating Temperature      | -40°C ~ 85°C (TA)                         | -40°C ~ 85°C (TA)                         | -40°C ~ 125°C (TA)                        | -40°C ~ 125°C (TA)                        |
| Package                    | Tape & Reel (TR)                          | Tape & Reel (TR)                          | Tube                                      | Tube                                      |
| Connectivity               | I <sup>2</sup> C, LINbus, SPI, UART/USART | I <sup>2</sup> C, LINbus, SPI, UART/USART | I <sup>2</sup> C, LINbus, SPI, UART/USART | I <sup>2</sup> C, LINbus, SPI, UART/USART |
| Core Processor             | PIC                                       | PIC                                       | PIC                                       | PIC                                       |
| Program Memory Size        | 3.5KB (2K x 14)                           | 3.5KB (2K x 14)                           | 7KB (4K x 14)                             | 3.5KB (2K x 14)                           |
| Mounting Type              | Surface Mount                             | Surface Mount                             | Surface Mount                             | Surface Mount                             |
| Number of I/O              | 6   | 12  | 12  | 12  |
| Speed                      | 32MHz                                     | 32MHz                                     | 32MHz                                     | 32MHz                                     |
| Supplier Device Package    | 8-SOIC                                    | 14-TSSOP                                  | 14-SOIC                                   | 14-SOIC                                   |
| Core Size                  | 8-Bit                                     | 8-Bit                                     | 8-Bit                                     | 8-Bit                                     |
| Oscillator Type            | Internal                                  | Internal                                  | Internal                                  | Internal                                  |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)             | 14-TSSOP (0.173", 4.40mm Width)           | 14-SOIC (0.154", 3.90mm Width)            | 14-SOIC (0.154", 3.90mm Width)            |
| Series                     | PIC® XLP™ 16F                             | PIC® XLP™ 16F                             | PIC® XLP™ 16F                             | PIC® XLP™ 16F                             |

## PIC16F15313T-I/SN Datasheet PDF

Download PIC16F15313T-I/SN pdf datasheets and Microchip Technology documentation for PIC16F15313T-I/SN - Microchip Technology.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### PCN Packaging

[2.73KHz.pdf](#)

 PIC16(L)F15313/23 16/Feb/2022.pdf

 PIC16(L)F15313/23 08/Mar/2022.pdf

## Customers Also Interested in

### Recommended Products



**PIC16F15323T-I/ST**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14TSSOP



**PIC16F15324-E/SL**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



**PIC16F15323-E/SL**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14SOIC



**PIC16F15323-I/ST**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14TSSOP



**PIC16F15324-I/ST**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 14TSSOP



**PIC16F15254-I/SS**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SSOP



**PIC16F15256-I/SS**  
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IC MCU 8BIT 28KB FLASH 28SSOP



**PIC16F1527T-I/PT**  
Microchip Technology  
IC MCU 8BIT 28KB FLASH 64TQFP



**PIC16F15324T-E/SLVAO**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



**PIC16F1527-I/PT**  
Microchip Technology  
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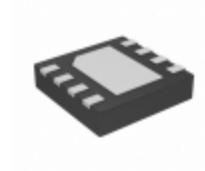
**PIC16F1526-I/PT**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 64TQFP



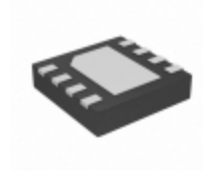
**PIC16F15324-E/SLVAO**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



**PIC16F1526T-I/PT**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 64TQFP



**PIC16F15313-I/RF**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 8UDFN



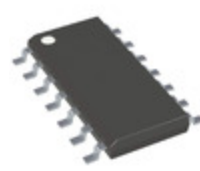
**PIC16F15313T-I/RF**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 8UDFN



**PIC16F15313-I/SN**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 8SOIC



**PIC16F15324-I/SL**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



**PIC16F15323-I/SL**  
Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14SOIC

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
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-  Email  
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### Certifications & Memberships



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### Contact us

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