

Image may be representation.
See specifications for product details.



PIC16F15313-I/SN

Manufacturer Part Number	PIC16F15313-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F15313-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	PIC16(L)F15313,23.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F15313-I/SN - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F15313-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F15313-I/SN, please send us email: info@allelco.com

Specifications

PIC16F15313-I/SN Tech Specifications
PIC16F15313-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	I²C, LINbus, SPI, UART/USART
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	PIC16F15313
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15313-I/SN

Product Attribute				
Part Number	PIC16F15313-I/SN	PIC16F1527-I/PT	PIC16F15313T-I/RF	PIC16F15313-I/RF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Program Memory Size	3.5KB (2K x 14)	28KB (16K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)
Package	Tube	Tray	Tape & Reel (TR)	Tube
Base Product Number	PIC16F15313	PIC16F1527	PIC16F15313	PIC16F15313
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
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 30x10b	A/D 5x10b; D/A 1x5b	A/D 5x10b; D/A 1x5b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Core Processor	PIC	PIC	PIC	PIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	64-TQFP (10x10)	8-DFN (3x3)	8-DFN (3x3)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	6	54	6	6
RAM Size	256 x 8	1.5K x 8	256 x 8	256 x 8
Package / Case	8-SOIC (0.154", 3.90mm Width)	64-TQFP	8-VDFN Exposed Pad	8-VDFN Exposed Pad
Speed	32MHz	20MHz	32MHz	32MHz
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART

PIC16F15313-I/SN Datasheet PDF

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Datasheets

[PIC16\(L\)F15313,23.pdf](#)


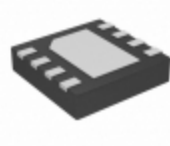
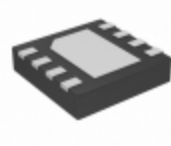









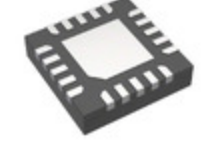




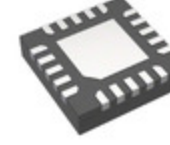
PCN Design/Specification

[PIC16\(L\)F15313/23 16/Feb/2022.pdf](#)

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Recommended Products

					
PIC16F1527-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	PIC16F15313T-I/RF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8UDFN	PIC16F15313-I/RF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8UDFN	PIC16F15323T-I/ST Microchip Technology IC MCU 8BIT 3.5KB FLASH 14TSSOP	PIC16F15324-I/SL Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16F15323-I/ST Microchip Technology IC MCU 8BIT 3.5KB FLASH 14TSSOP
					
PIC16F1527T-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	PIC16F1526T-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 64TQFP	PIC16F15256-I/SS Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP	PIC16F15313T-I/SN Microchip Technology IC MCU 8BIT 3.5KB FLASH 8SOIC	PIC16F1526-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 64TQFP	PIC16F15254-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP
					
PIC16F15244-E/REB Microchip Technology IC MCU 8BIT 7KB FLASH 20VQFN	PIC16F15323-E/SL Microchip Technology IC MCU 8BIT 3.5KB FLASH 14SOIC	PIC16F15324-E/SLVAO Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16F15323-I/SL Microchip Technology IC MCU 8BIT 3.5KB FLASH 14SOIC	PIC16F15324-E/SL Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16F15244-I/REB Microchip Technology IC MCU 8BIT 7KB FLASH 20VQFN

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.



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