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See specifications for product details.



PIC16LF18313-I/RF

Manufacturer Part Number **PIC16LF18313-I/RF**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16LF18313-I/RF**

ECAD Model PCB Symbol, Footprint & 3D Model

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

Package **8-UDFN Exposed Pad**

Data sheet **[PIC16\(L\)F18313,23 Datasheet.pdf](#)**

[PIC16\(L\)F18313,23 Family Errata, Clarification.pdf](#)

[PIC16\(L\)F183xx Brief.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC16LF18313-I/RF - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF18313-I/RF datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF18313-I/RF, please send us email: info@allelco.com

Specifications

PIC16LF18313-I/RF Tech Specifications

PIC16LF18313-I/RF - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	8-UDFN (3x3)	Number of I/O	6
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	256 x 8
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-UDFN Exposed Pad	Base Product Number	PIC16LF18313
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF18313-I/RF

Product Attribute				
Part Number	PIC16LF18313-I/RF	PIC16LF18326-E/JQ	PIC16LF18313T-I/RF	PIC16LF18326-E/SL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	32MHz	32MHz	32MHz	32MHz
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Number of I/O	6	12	6	12
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
RAM Size	256 x 8	2K x 8	256 x 8	2K x 8
Package	Tube	Tube	Tape & Reel (TR)	Tube
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
Base Product Number	PIC16LF18313	PIC16LF18326	PIC16LF18313	PIC16LF18326
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Package / Case	8-UDFN Exposed Pad	16-UQFN Exposed Pad	8-UDFN Exposed Pad	14-SOIC (0.154", 3.90mm Width)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	8-UDFN (3x3)	16-UQFN (4x4)	8-UDFN (3x3)	14-SOIC
Program Memory Size	3.5KB (2K x 14)	28KB (16K x 14)	3.5KB (2K x 14)	28KB (16K x 14)
Data Converters	A/D 5x10b; D/A 1x5b	A/D 11x10b; D/A 1x5b	A/D 5x10b; D/A 1x5b	A/D 11x10b; D/A 1x5b
Oscillator Type	Internal	Internal	Internal	Internal

PIC16LF18313-I/RF Datasheet PDF

Download PIC16LF18313-I/RF pdf datasheets and Microchip Technology documentation for PIC16LF18313-I/RF - Microchip Technology.

Datasheets

[PIC16\(L\)F18313,23 Datasheet.pdf](#)

PCN Packaging

Packing Changes 10/Oct/2016.pdf

MBB/Label Chgs 16/Nov/2018.pdf

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

PIC16(L)F18313,23 Family Errata, Clarification.pdf

PIC16(L)F183xx Brief.pdf

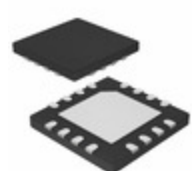
PCN Design/Specification

PIC16(L)F18313/18323 01/Oct/2019.pdf

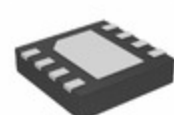
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Customers Also Interested in

Recommended Products



PIC16LF18326-E/JQ
Microchip Technology
IC MCU 8BIT 28KB FLASH 16UQFN



PIC16LF18313T-I/RF
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8UDFN



PIC16LF18326-E/SL
Microchip Technology
IC MCU 8BIT 28KB FLASH 14SOIC



PIC16LF18325-I/ST
Microchip Technology
IC MCU 8BIT 14KB FLASH 14TSSOP



PIC16LF1828-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 20SSOP



PIC16LF18323-I/SL
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14SOIC



PIC16LF18324-I/SL
Microchip Technology
IC MCU 8BIT 7KB FLASH 14SOIC



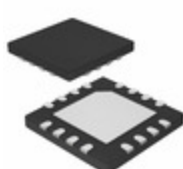
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Microchip Technology
IC MCU 8BIT 7KB FLASH 20SSOP



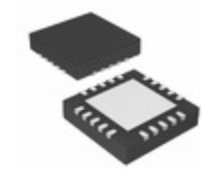
PIC16LF1828T-I/MLVAO
Micrel / Microchip Technology



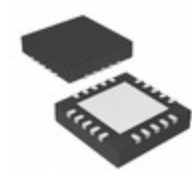
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Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



PIC16LF18326-I/JQ
Microchip Technology
IC MCU 8BIT 28KB FLASH 16UQFN



PIC16LF1829T-I/ML
Microchip Technology
IC MCU 8BIT 14KB FLASH 20QFN



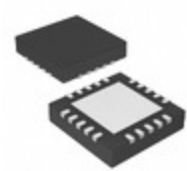
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Microchip Technology
IC MCU 8BIT 14KB FLASH 20QFN



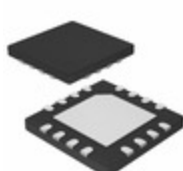
PIC16LF18313-I/SN
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IC MCU 8BIT 14KB FLASH 20SSOP



PIC16LF1829-I/ML
Microchip Technology
IC MCU 8BIT 14KB FLASH 20QFN



PIC16LF18324T-I/JQ
Microchip Technology
IC MCU 8BIT 7KB FLASH 16UQFN



PIC16LF18323-I/ST
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14TSSOP

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 Alleco 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
+00852 9146 4856
- Email
info@alleco.com

Certifications & Memberships



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