



Image may be representation.  
See specifications for product details.



## PIC16LF1939-I/P

Manufacturer Part Number	<b>PIC16LF1939-I/P</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16LF1939-I/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 28KB FLASH 40DIP
Package	40-DIP (0.600', 15.24mm)
Data sheet	<b>PIC16(L)F19xx Programming Spec.pdf</b> <b>PIC16(L)F1938,39 Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC16LF1939-I/P - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1939-I/P datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF1939-I/P, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC16LF1939-I/P Tech Specifications

PIC16LF1939-I/P - 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	40-PDIP	Number of I/O	36
Speed	32MHz	Mounting Type	Through Hole
Series	PIC® XLP™ 16F	EEPROM Size	256 x 8
RAM Size	1K x 8	Data Converters	A/D 14x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	28KB (16K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	40-DIP (0.600', 15.24mm)	Base Product Number	PIC16LF1939
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1939-I/P

Product Attribute				
Part Number	PIC16LF1939-I/P	<a href="#">PIC16LF1939-E/MV</a>	<a href="#">PIC16LF1947-E/PT</a>	<a href="#">PIC16LF1939T-I/ML</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 14x10b	A/D 14x10b	A/D 17x10b	A/D 14x10b
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Supplier Device Package	40-PDIP	40-UQFN (5x5)	64-TQFP (10x10)	44-QFN (8x8)
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	28KB (16K x 14)	28KB (16K x 14)	28KB (16K x 14)	28KB (16K x 14)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Base Product Number	PIC16LF1939	PIC16LF1939	PIC16LF1947	PIC16LF1939
Number of I/O	36	36	54	36
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Package / Case	40-DIP (0.600', 15.24mm)	40-UQFN Exposed Pad	64-TQFP	44-VQFN Exposed Pad
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	32MHz	32MHz	32MHz	32MHz
Core Processor	PIC	PIC	PIC	PIC
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package	Tube	Tube	Tray	Tape & Reel (TR)

### PIC16LF1939-I/P Datasheet PDF

Download PIC16LF1939-I/P pdf datasheets and Microchip Technology documentation for PIC16LF1939-I/P - Microchip Technology.

#### PCN Packaging


[Label and Packing Changes 23/Sep/2015.pdf](#)


[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## PCN Design/Specification

 Wire Chg 13/Jan/2016.pdf

 PIC16(L)F1938/1939 23/Nov/2021.pdf



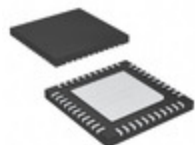
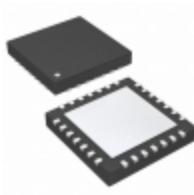


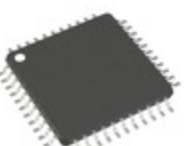


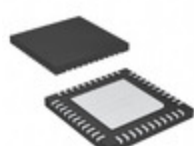





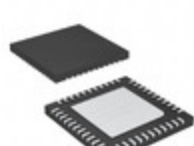

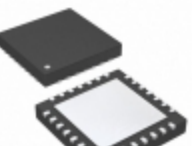
## HTML Datasheet

 PIC16(L)F19xx Programming Spec.pdf

 PIC16(L)F1938,39 Datasheet.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC16LF1939-E/MV</b>	<b>PIC16LF1947-E/PT</b>	<b>PIC16LF1939T-I/ML</b>	<b>PIC16LF1938-E/ML</b>	<b>PIC16LF1946-I/PT</b>	<b>PIC16LF1938T-I/SS</b>
Microchip Technology IC MCU 8BIT 28KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 28KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 14KB FLASH 64TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP
					
<b>PIC16LF1937-I/PT</b>	<b>PIC16LF1947-I/PT</b>	<b>PIC16LF1937-I/MV</b>	<b>PIC16LF1939-I/ML</b>	<b>PIC16LF1939-I/PT</b>	<b>PIC16LF1939-I/MV</b>
Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 28KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 40UQFN
					
<b>PIC16LF1938-I/SS</b>	<b>PIC16LF627-04/SO</b>	<b>PIC16LF627-04I/SO</b>	<b>PIC16LF1937T-I/ML</b>	<b>PIC16LF627-04I/SS</b>	<b>PIC16LF1938-I/ML</b>
Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	Microchip Technology IC MCU 8BIT 14KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	Microchip Technology IC MCU 8BIT 28KB FLASH 28QFN

## 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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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### Certifications & Memberships



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