



Image may be representation.  
See specifications for product details.



## PIC16LF1939-I/PT

Manufacturer Part Number	<b>PIC16LF1939-I/PT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16LF1939-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 28KB FLASH 44TQFP
Package	44-TQFP
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/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1939-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16LF1939-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16LF1939-I/PT Tech Specifications

PIC16LF1939-I/PT - 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	44-TQFP (10x10)	Number of I/O	36
Speed	32MHz	Mounting Type	Surface Mount
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	44-TQFP	Base Product Number	PIC16LF1939
Package	Tray		

## Parts with Similar Specifications

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

Product Attribute				
Part Number	PIC16LF1939-I/PT	<b>PIC16LF1947-E/PT</b>	<b>PIC16LF1937-I/PT</b>	<b>PIC16LF1938-I/SS</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 14x10b	A/D 17x10b	A/D 14x10b	A/D 11x10b
Supplier Device Package	44-TQFP (10x10)	64-TQFP (10x10)	44-TQFP (10x10)	28-SSOP
Oscillator Type	Internal	Internal	Internal	Internal
Core Processor	PIC	PIC	PIC	PIC
Package / Case	44-TQFP	64-TQFP	44-TQFP	28-SSOP (0.209", 5.30mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
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
Package	Tray	Tray	Tray	Tube
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
RAM Size	1K x 8	1K x 8	512 x 8	1K x 8
Number of I/O	36	54	36	25
Program Memory Size	28KB (16K x 14)	28KB (16K x 14)	14KB (8K x 14)	28KB (16K x 14)
Base Product Number	PIC16LF1939	PIC16LF1947	PIC16LF1937	PIC16LF1938
Speed	32MHz	32MHz	32MHz	32MHz

## PIC16LF1939-I/PT Datasheet PDF

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

### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

MBB/Label Chgs 16/Nov/2018.pdf

### HTML Datasheet

PIC16(L)F19xx Programming Spec.pdf

PIC16(L)F1938,39 Datasheet.pdf

## PCN Design/Specification

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

## PCN Assembly/Origin

 Qualification Copper Wire 10/Feb/2014.pdf

## Customers Also Interested in

### Recommended Products



#### PIC16LF1947-E/PT

Microchip Technology  
IC MCU 8BIT 28KB FLASH 64TQFP



#### PIC16LF1937-I/PT

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44TQFP



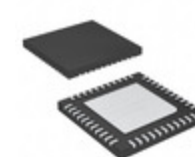
#### PIC16LF1938-I/SS

Microchip Technology  
IC MCU 8BIT 28KB FLASH 28SSOP



#### PIC16LF627A-I/P

Microchip Technology  
IC MCU 8BIT 1.75KB FLASH 18DIP



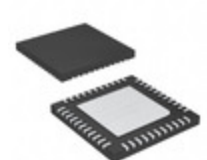
#### PIC16LF1939-I/ML

Microchip Technology  
IC MCU 8BIT 28KB FLASH 44QFN



#### PIC16LF1946-I/PT

Microchip Technology  
IC MCU 8BIT 14KB FLASH 64TQFP



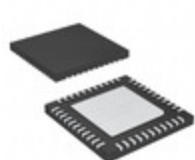
#### PIC16LF1937T-I/ML

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44QFN



#### PIC16LF627-04I/SS

Microchip Technology  
IC MCU 8BIT 1.75KB FLASH 20SSOP



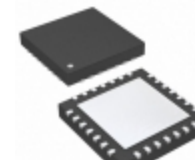
#### PIC16LF1939T-I/ML

Microchip Technology  
IC MCU 8BIT 28KB FLASH 44QFN



#### PIC16LF1938T-I/SS

Microchip Technology  
IC MCU 8BIT 28KB FLASH 28SSOP



#### PIC16LF1938-E/ML

Microchip Technology  
IC MCU 8BIT 28KB FLASH 28QFN



#### PIC16LF1939-I/MV

Microchip Technology  
IC MCU 8BIT 28KB FLASH 40UQFN



#### PIC16LF1947-I/PT

Microchip Technology  
IC MCU 8BIT 28KB FLASH 64TQFP



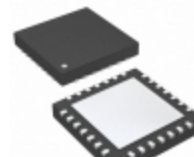
#### PIC16LF627-04I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB FLASH 18SOIC



#### PIC16LF1939-E/MV

Microchip Technology  
IC MCU 8BIT 28KB FLASH 40UQFN



#### PIC16LF1938-I/ML

Microchip Technology  
IC MCU 8BIT 28KB FLASH 28QFN



#### PIC16LF627-04I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB FLASH 18SOIC



#### PIC16LF1939-I/P

Microchip Technology  
IC MCU 8BIT 28KB FLASH 40DIP

## 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  
+00852 9146 4856  
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## Certifications & Memberships



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