

Image may be representation.  
See specifications for product details.



## PIC16LF1906-I/MV

Manufacturer Part Number	<b>PIC16LF1906-I/MV</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16LF1906-I/MV
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 14KB FLASH 28UQFN
Package	28-UQFN Exposed Pad
Data sheet	<a href="#">Next Generation Peripherals Brochure.pdf</a> <a href="#">PIC16LF1904,906,907 Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC16LF1906-I/MV - Microchip Technology.New Original in Stock. Download Linear Technology PIC16LF1906-I/MV datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16LF1906-I/MV, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16LF1906-I/MV Tech Specifications

PIC16LF1906-I/MV - 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	28-UQFN (4x4)	Number of I/O	25
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	LINbus, UART/USART
Package / Case	28-UQFN Exposed Pad	Base Product Number	PIC16LF1906
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1906-I/MV

Product Attribute				
Part Number	PIC16LF1906-I/MV	<a href="#">PIC16LF1907-I/PT</a>	<a href="#">PIC16LF1903-E/SS</a>	<a href="#">PIC16LF1933-I/SS</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Core Processor	PIC	PIC	PIC	PIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 11x10b	A/D 14x10b	A/D 11x10b	A/D 11x10b
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Base Product Number	PIC16LF1906	PIC16LF1907	PIC16LF1903	PIC16LF1933
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	20MHz	20MHz	20MHz	32MHz
Number of I/O	25	36	25	25
EEPROM Size	-	-	-	256 x 8
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	7KB (4K x 14)	7KB (4K x 14)
Connectivity	LINbus, UART/USART	LINbus, UART/USART	-	I <sup>2</sup> C, LINbus, SPI, UART/USART
RAM Size	512 x 8	512 x 8	256 x 8	256 x 8
Supplier Device Package	28-UQFN (4x4)	44-TQFP (10x10)	28-SSOP	28-SSOP
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
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	28-UQFN Exposed Pad	44-TQFP	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)
Package	Tube	Tray	Tube	Tube

## PIC16LF1906-I/MV Datasheet PDF

Download PIC16LF1906-I/MV pdf datasheets and Microchip Technology documentation for PIC16LF1906-I/MV - Microchip Technology.

### PCN Packaging

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

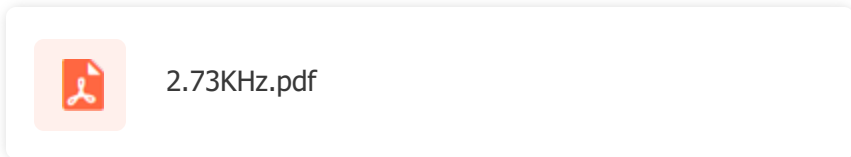
[MBB/Label Chgs 16/Nov/2018.pdf](#)

### HTML Datasheet

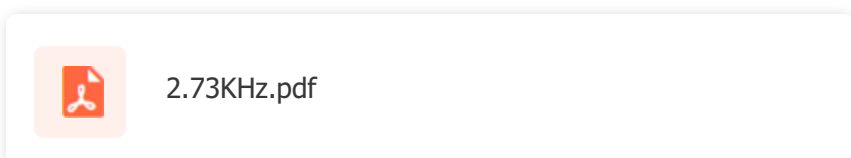
[Next Generation Peripherals Brochure.pdf](#)

[PIC16LF1904,906,907 Datasheet.pdf](#)

## PCN Assembly/Origin



## PCN Other



## Customers Also Interested in

### Recommended Products

<b>PIC16LF1907-I/PT</b> Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	<b>PIC16LF1903-E/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	<b>PIC16LF1933-I/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	<b>PIC16LF1934-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 44QFN	<b>PIC16LF1933-I/SO</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28SOIC	<b>PIC16LF1933-I/MV</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28UQFN
<b>PIC16LF18877-I/ML</b> Microchip Technology IC MCU 8BIT 56KB FLASH 44QFN	<b>PIC16LF1933-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	<b>PIC16LF18875-I/PT</b> Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	<b>PIC16LF19197-I/PT</b> Microchip Technology FLASH	<b>PIC16LF19195-I/PT</b> Microchip Technology FLASH	<b>PIC16LF1933T-I/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP
<b>PIC16LF18875T-I/MV</b> Microchip Technology IC MCU 8BIT 14KB FLASH 40UQFN	<b>PIC16LF1902-I/SS</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SSOP	<b>PIC16LF18857-I/ML</b> Microchip Technology IC MCU 8BIT 56KB FLASH 28QFN	<b>PIC16LF1904-I/P</b> Microchip Technology IC MCU 8BIT 7KB FLASH 40DIP	<b>PIC16LF1903-I/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	<b>PIC16LF18877-I/PT</b> Microchip Technology IC MCU 8BIT 56KB FLASH 44TQFP

## 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 -

- |                             |                         |                          |
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| Efficient Supply Management | Cost-Saving Procurement | Fast Sourcing & Delivery |
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Contact us if you have any questions.

- |                           |                           |
|---------------------------|---------------------------|
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## Certifications & Memberships



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