

Image may be representation.  
See specifications for product details.



## PIC16F1826-I/P

Manufacturer Part Number	<b>PIC16F1826-I/P</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16F1826-I/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 3.5KB FLASH 18DIP
Package	18-DIP (0.300', 7.62mm)
Data sheet	<a href="#">PIC16(L)F182x,PIC12(L)F1822 Programming Spec.pdf</a> <a href="#">PIC16F/LF1826/27.pdf</a> <a href="#">PIC16F1826,1827 Brief.pdf</a>
RoHs Status	ROHS3 Compliant

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## Specifications

PIC16F1826-I/P Tech Specifications

PIC16F1826-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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	18-PDIP	Number of I/O	16
Speed	32MHz	Mounting Type	Through Hole
Series	PIC® XLP™ mTouch™ 16F	EEPROM Size	256 x 8
RAM Size	256 x 8	Data Converters	A/D 12x10b
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, SPI, UART/USART
Package / Case	18-DIP (0.300', 7.62mm)	Base Product Number	PIC16F1826
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F1826-I/P

Product Attribute				
Part Number	PIC16F1826-I/P	PIC16F1826-I/SS	PIC16F1825T-I/SL	PIC16F1826T-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Series	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F
Number of I/O	16	16	11	16
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	18-PDIP	20-SSOP	14-SOIC	18-SOIC
Program Memory Size	3.5KB (2K x 14)	3.5KB (2K x 14)	14KB (8K x 14)	3.5KB (2K x 14)
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	32MHz	32MHz	32MHz	32MHz
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	PIC16F1826	PIC16F1826	PIC16F1825	PIC16F1826
Package / Case	18-DIP (0.300', 7.62mm)	20-SSOP (0.209', 5.30mm Width)	14-SOIC (0.154', 3.90mm Width)	18-SOIC (0.295', 7.50mm Width)
Data Converters	A/D 12x10b	A/D 12x10b	A/D 8x10b	A/D 12x10b
RAM Size	256 x 8	256 x 8	1K x 8	256 x 8
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount

## PIC16F1826-I/P Datasheet PDF

Download PIC16F1826-I/P pdf datasheets and Microchip Technology documentation for PIC16F1826-I/P - Microchip Technology.

### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf	Packing Changes 10/Oct/2016.pdf
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### PCN Design/Specification

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Copper Bond Wire 07/Apr/2015.pdf

PIC16(L)F1826,7 Errata/Datasheet Update 03/Dec/201.pdf

### PCN Assembly/Origin

2.73KHz.pdf

### HTML Datasheet


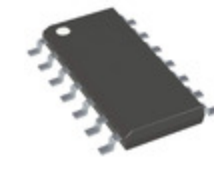




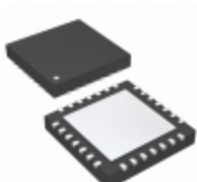
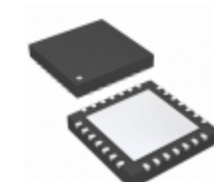
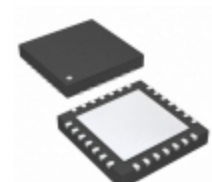



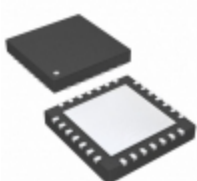
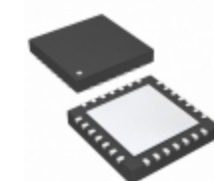

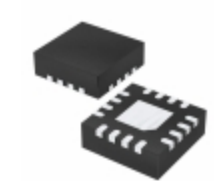

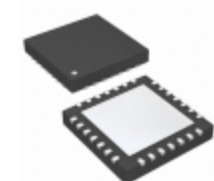
PIC16(L)F182x,PIC12(L)F1822 Programming Spec.pdf

PIC16F/LF1826/27.pdf

PIC16F1826,1827 Brief.pdf

## Customers Also Interested in

### Recommended Products

 <b>PIC16F1826-I/SS</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	 <b>PIC16F1825T-I/SL</b> Microchip Technology IC MCU 8BIT 14KB FLASH 14SOIC	 <b>PIC16F1826T-E/SS</b> Micrel / Microchip Technology	 <b>PIC16F1825T-E/ST</b> Micrel / Microchip Technology	 <b>PIC16F1826T-I/SO</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC	 <b>PIC16F1825T-I/ST</b> Microchip Technology IC MCU 8BIT 14KB FLASH 14TSSOP
 <b>PIC16F1826T-I/ML</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 28QFN	 <b>PIC16F1826-I/MV</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 28UQFN	 <b>PIC16F1827-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	 <b>PIC16F1827-E/SO</b> Microchip Technology IC MCU 8BIT 7KB FLASH 18SOIC	 <b>PIC16F1826-I/SO</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC	 <b>PIC16F1826-E/SS</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP
 <b>PIC16F1826-I/ML</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 28QFN	 <b>PIC16F1827-E/MV</b> Microchip Technology IC MCU 8BIT 7KB FLASH 28UQFN	 <b>PIC16F1827-E/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	 <b>PIC16F1825T-I/ML</b> Microchip Technology IC MCU 8BIT 14KB FLASH 16QFN	 <b>PIC16F1825T-I/MLVAO</b> Micrel / Microchip Technology	 <b>PIC16F1827-E/ML</b> Microchip Technology IC MCU 8BIT 7KB 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

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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