

Image may be representation.
See specifications for product details.



PIC16F1826-I/MV

Manufacturer Part Number **PIC16F1826-I/MV**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16F1826-I/MV**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 3.5KB FLASH 28UQFN**

Package **28-UQFN Exposed Pad**

Data sheet **[PIC16F/LF1826/27.pdf](#)**

[PIC16F1826,1827 Brief.pdf](#)

[Next Generation Peripherals Brochure.pdf](#)

RoHS Status **ROHS3 Compliant**

Get a Quote

PIC16F1826-I/MV - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F1826-I/MV datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16F1826-I/MV, please send us email: info@allelco.com

Specifications

PIC16F1826-I/MV Tech Specifications

PIC16F1826-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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-UQFN (4x4)	Number of I/O	16
Speed	32MHz	Mounting Type	Surface Mount
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	I ² C, SPI, UART/USART
Package / Case	28-UQFN Exposed Pad	Base Product Number	PIC16F1826
Package	Tube		

Parts with Similar Specifications

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

Product Attribute				
Part Number	PIC16F1826-I/MV	PIC16F1827-E/ML	PIC16F1825T-I/ML	PIC16F1826-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
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
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Package	Tube	Tube	Tape & Reel (TR)	Tube
Data Converters	A/D 12x10b	A/D 12x10b	A/D 8x10b	A/D 12x10b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	3.5KB (2K x 14)	7KB (4K x 14)	14KB (8K x 14)	3.5KB (2K x 14)
Base Product Number	PIC16F1826	PIC16F1827	PIC16F1825	PIC16F1826
Number of I/O	16	16	11	16
RAM Size	256 x 8	384 x 8	1K x 8	256 x 8
Supplier Device Package	28-UQFN (4x4)	28-QFN (6x6)	16-QFN (4x4)	20-SSOP
Series	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F	PIC® XLP™ mTouch™ 16F
Oscillator Type	Internal	Internal	Internal	Internal
Core Processor	PIC	PIC	PIC	PIC
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, SPI, UART/USART
Speed	32MHz	32MHz	32MHz	32MHz
Package / Case	28-UQFN Exposed Pad	28-VQFN Exposed Pad	16-VQFN Exposed Pad	20-SSOP (0.209", 5.30mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

PIC16F1826-I/MV Datasheet PDF

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

PCN Packaging



HTML Datasheet



PCN Assembly/Origin

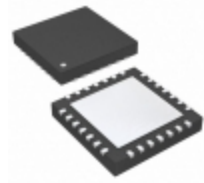
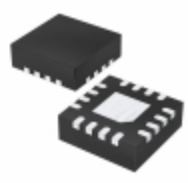






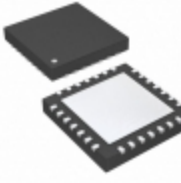



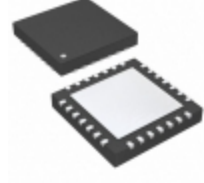




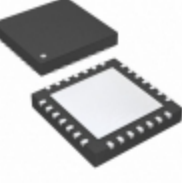
2.73KHz.pdf

PCN Other

2.73KHz.pdf

Customers Also Interested in

Recommended Products

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

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