



Image may be representation.
See specifications for product details.



PIC16LF1526-I/PT

Manufacturer Part Number	PIC16LF1526-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF1526-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 14KB FLASH 64TQFP
Package	64-TQFP
Data sheet	PIC16F(LF)1526/1527 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF1526-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1526-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF1526-I/PT, please send us email: info@allelco.com

Specifications

PIC16LF1526-I/PT Tech Specifications
PIC16LF1526-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	64-TQFP (10x10)	Number of I/O	54
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	768 x 8	Data Converters	A/D 30x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC16LF1526
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1526-I/PT

Product Attribute				
Part Number	PIC16LF1526-I/PT	PIC16LF1509-I/SS	PIC16LF15313-E/RF	PIC16LF1527-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
EEPROM Size	-	-	224 x 8	-
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Supplier Device Package	64-TQFP (10x10)	20-SSOP	8-DFN (3x3)	64-TQFP (10x10)
RAM Size	768 x 8	512 x 8	256 x 8	1.5K x 8
Number of I/O	54	17	6	54
Data Converters	A/D 30x10b	A/D 12x10b; D/A 1x5b	A/D 5x10b; D/A 1x5b	A/D 30x10b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Speed	20MHz	20MHz	32MHz	20MHz
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
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC16LF1526	PIC16LF1509	PIC16LF15313	PIC16LF1527
Package / Case	64-TQFP	20-SSOP (0.209", 5.30mm Width)	8-VDFN Exposed Pad	64-TQFP
Core Processor	PIC	PIC	PIC	PIC
Package	Tray	Tube	Tube	Tray
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	3.5KB (2K x 14)	28KB (16K x 14)

PIC16LF1526-I/PT Datasheet PDF

Download PIC16LF1526-I/PT pdf datasheets and Microchip Technology documentation for PIC16LF1526-I/PT - Microchip Technology.

Datasheets

[PIC16F\(LF\)1526/1527 Datasheet.pdf](#)

PCN Packaging

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

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



Wire 27/Mar/2018.pdf

Customers Also Interested in

Recommended Products



PIC16LF1509-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



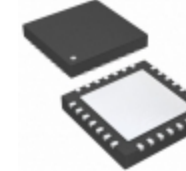
PIC16LF15313-E/RF
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8UDFN



PIC16LF1527-I/PT
Microchip Technology
IC MCU 8BIT 28KB FLASH 64TQFP



PIC16LF1519-I/PT
Microchip Technology
IC MCU 8BIT 28KB FLASH 44TQFP



PIC16LF1518-I/MV
Microchip Technology
IC MCU 8BIT 28KB FLASH 28UQFN



PIC16LF15323-I/SL
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14SOIC



PIC16LF15344-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 20SSOP



PIC16LF1517-I/PT
Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



PIC16LF15324T-I/ST
Microchip Technology
IC MCU 8BIT 7KB FLASH 14TSSOP



PIC16LF1512-I/SO
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 28SOIC



PIC16LF1519-E/MV
Microchip Technology
IC MCU 8BIT 28KB FLASH 40UQFN



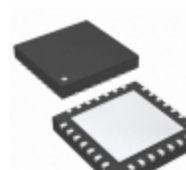
PIC16LF15323-E/ST
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14TSSOP



PIC16LF1513-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



PIC16LF1516-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



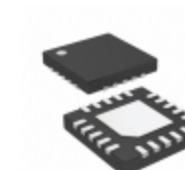
PIC16LF1518T-I/MV
Microchip Technology
IC MCU 8BIT 28KB FLASH 28UQFN



PIC16LF1527T-I/PT
Microchip Technology
IC MCU 8BIT 28KB FLASH 64TQFP



PIC16LF1516-I/SO
Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC



PIC16LF15344-I/GZ
Microchip Technology
IC MCU 8BIT 7KB FLASH 20UQFN

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
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Certifications & Memberships



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