



Image may be representation.
See specifications for product details.



PIC16LF15386-I/PT

Manufacturer Part Number	PIC16LF15386-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF15386-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 28KB FLASH 48TQFP
Package	48-TQFP
Data sheet	PIC16LF15386-I/PT.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF15386-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF15386-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF15386-I/PT, please send us email: info@allelco.com

Specifications

PIC16LF15386-I/PT Tech Specifications
PIC16LF15386-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	48-TQFP (7x7)	Number of I/O	44
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	224 x 8
RAM Size	2K x 8	Data Converters	A/D 43x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	28KB (16K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	48-TQFP	Base Product Number	PIC16LF15386
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF15386-I/PT

Product Attribute				
Part Number	PIC16LF15386-I/PT	PIC16LF15356T-I/SS	PIC16LF15344T-I/SS	PIC16LF1554-I/ST
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
Base Product Number	PIC16LF15386	PIC16LF15356	PIC16LF15344	PIC16LF1554
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Package / Case	48-TQFP	28-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	14-TSSOP (0.173", 4.40mm Width)
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART
Program Memory Size	28KB (16K x 14)	28KB (16K x 14)	7KB (4K x 14)	7KB (4K x 14)
EEPROM Size	224 x 8	224 x 8	224 x 8	-
Oscillator Type	Internal	Internal	Internal	Internal
Speed	32MHz	32MHz	32MHz	32MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Supplier Device Package	48-TQFP (7x7)	28-SSOP	20-SSOP	14-TSSOP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	44	25	18	11
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
RAM Size	2K x 8	2K x 8	512 x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 43x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 11x10b

PIC16LF15386-I/PT Datasheet PDF

Download PIC16LF15386-I/PT pdf datasheets and Microchip Technology documentation for PIC16LF15386-I/PT - Microchip Technology.

PCN Packaging

2.73KHz.pdf

PCN Design/Specification

PIC16(L)F15313/23 16/Feb/2022.pdf

PIC16(L)F15356/75/76/85/86 17/Mar/2022.pdf



Customers Also Interested in

Recommended Products

PIC16LF15356T-I/SS Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP	PIC16LF15344T-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	PIC16LF1554-I/ST Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP	PIC16LF1567-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	PIC16LF15375-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	PIC16LF15356-I/SS Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP
PIC16LF1559T-E/MLVAO Micrel / Microchip Technology	PIC16LF1559-E/MLVAO Micrel / Microchip Technology	PIC16LF1559-I/ML Microchip Technology IC MCU 8BIT 14KB FLASH 20QFN	PIC16LF15386T-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 48TQFP	PIC16LF15355T-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	PIC16LF1559-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP
PIC16LF15376-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	PIC16LF1559T-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP	PIC16LF15376T-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	PIC16LF1554-I/SL Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16LF15345-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP	PIC16LF1554T-I/ST Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP

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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- Email
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Certifications & Memberships



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