



Image may be representation.
See specifications for product details.



PIC16F15375-I/PT

Manufacturer Part Number	PIC16F15375-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F15375-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 44TQFP
Package	44-TQFP
Data sheet	PIC16(L)F153xx Product Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F15375-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F15375-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F15375-I/PT, please send us email: info@allelco.com

Specifications

PIC16F15375-I/PT Tech Specifications
PIC16F15375-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)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	36
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	1K x 8	Data Converters	A/D 35x10b; D/A 1x5b
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	44-TQFP	Base Product Number	PIC16F15375
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15375-I/PT

Product Attribute				
Part Number	PIC16F15375-I/PT	PIC16F15355-I/SO	PIC16F15376-I/PT	PIC16F15356-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Data Converters	A/D 35x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 35x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b
Package	Tray	Tube	Tray	Tube
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Package / Case	44-TQFP	28-SOIC (0.295", 7.50mm Width)	44-TQFP	28-VQFN Exposed Pad
Core Processor	PIC	PIC	PIC	PIC
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Number of I/O	36	25	36	25
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	32MHz	32MHz	32MHz	32MHz
RAM Size	1K x 8	1K x 8	2K x 8	2K x 8
EEPROM Size	-	-	-	-
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	28KB (16K x 14)	28KB (16K x 14)
Base Product Number	PIC16F15375	PIC16F15355	PIC16F15376	PIC16F15356
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	44-TQFP (10x10)	28-SOIC	44-TQFP (10x10)	28-QFN (6x6)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

PIC16F15375-I/PT Datasheet PDF

Download PIC16F15375-I/PT pdf datasheets and Microchip Technology documentation for PIC16F15375-I/PT - Microchip Technology.

Datasheets

[PIC16\(L\)F153xx Product Brief.pdf](#)



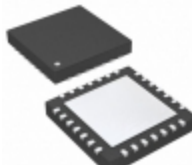





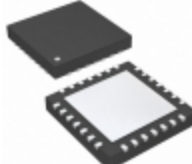


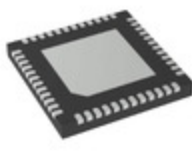






PCN Design/Specification

[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

					
PIC16F15355-I/SO	PIC16F15376-I/PT	PIC16F15356-I/ML	PIC16F15356T-E/SSVAO	PIC16F15376-I/MV	PIC16F15356T-I/SSVAO
Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 28KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP
					
PIC16F15375T-I/PT	PIC16F15385T-I/PT	PIC16F15355-E/MV	PIC16F15375-E/PT	PIC16F15355T-I/SS	PIC16F15386T-I/MV
Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 48TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 28UQFN	Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 28KB FLASH 48UQFN
					
PIC16F15386-I/PT	PIC16F15376T-I/PTVAO	PIC16F15375-E/MVVAO	PIC16F15385-I/PT	PIC16F15355-I/SS	PIC16F15376T-I/MV
Microchip Technology IC MCU 8BIT 28KB FLASH 48TQFP	Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 14KB FLASH 48TQFP	Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 28KB FLASH 40UQFN

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 Alleco 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.

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Certifications & Memberships



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