



Image may be representation.
See specifications for product details.



PIC16F914-I/PT

Manufacturer Part Number	PIC16F914-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F914-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 7KB FLASH 44TQFP
Package	44-TQFP
Data sheet	Tips N Tricks Guide.pdf PIC16F91x, 946 Data Sheet.pdf PIC16F91x,946 Programming Spec.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F914-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F914-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F914-I/PT, please send us email: info@allelco.com

Specifications

PIC16F914-I/PT Tech Specifications

PIC16F914-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)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	35
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	256 x 8
RAM Size	256 x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	7KB (4K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC16F914
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F914-I/PT

Product Attribute				
Part Number	PIC16F914-I/PT	PIC16F913-I/ML	PIC16F887T-I/PT	PIC16F913-I/SP
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Package / Case	44-TQFP	28-VQFN Exposed Pad	44-TQFP	28-DIP (0.300", 7.62mm)
Data Converters	A/D 8x10b	A/D 5x10b	A/D 14x10b	A/D 5x10b
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Supplier Device Package	44-TQFP (10x10)	28-QFN (6x6)	44-TQFP (10x10)	28-SPDIP
Number of I/O	35	24	35	24
Package	Tray	Tube	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Base Product Number	PIC16F914	PIC16F913	PIC16F887	PIC16F913
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	7KB (4K x 14)	7KB (4K x 14)	14KB (8K x 14)	7KB (4K x 14)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	PIC	PIC	PIC	PIC
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Speed	20MHz	20MHz	20MHz	20MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
RAM Size	256 x 8	256 x 8	368 x 8	256 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH

PIC16F914-I/PT Datasheet PDF

Download PIC16F914-I/PT pdf datasheets and Microchip Technology documentation for PIC16F914-I/PT - Microchip Technology.

Datasheets

[Tips N Tricks Guide.pdf](#)

[PIC16F91x, 946 Data Sheet.pdf](#)

[PIC16F91x,946 Programming Spec.pdf](#)

PCN Packaging

PCN Design/Specification

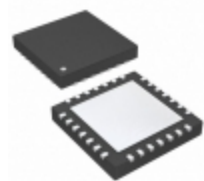








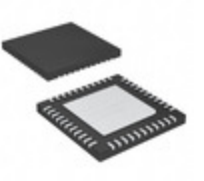

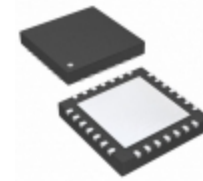






TQFP-44L Palladium Coated Copper Wire
17/Dec/2013.pdf

PCN Assembly/Origin

Wire 27/Mar/2018.pdf

Customers Also Interested in

Recommended Products

					
PIC16F913-I/ML Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	PIC16F887T-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	PIC16F913-I/SP Microchip Technology IC MCU 8BIT 7KB FLASH 28SPDIP	PIC16F914T-I/PT Microchip Technology IC MCU 8BIT 7KB FLASH 44TQFP	PIC16F913T-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	PIC16F913-I/SO Microchip Technology IC MCU 8BIT 7KB FLASH 28SOIC
					
PIC16F916-I/SO Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	PIC16F913T-I/SO Microchip Technology IC MCU 8BIT 7KB FLASH 28SOIC	PIC16F916-I/SP Microchip Technology IC MCU 8BIT 14KB FLASH 28SPDIP	PIC16F914T-I/ML Microchip Technology IC MCU 8BIT 7KB FLASH 44QFN	PIC16F914-I/P Microchip Technology IC MCU 8BIT 7KB FLASH 40DIP	PIC16F916-I/ML Microchip Technology IC MCU 8BIT 14KB FLASH 28QFN
					
PIC16F913-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	PIC16F916-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	PIC16F917-I/P Microchip Technology IC MCU 8BIT 14KB FLASH 40DIP	PIC16F914-I/PI MICROCH	PIC16F88T-I/SO Microchip Technology IC MCU 8BIT 7KB FLASH 18SOIC	PIC16F916T-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP

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.



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