

Image may be representation.  
See specifications for product details.



## PIC16F1614-I/ST

Manufacturer Part Number	<a href="#">PIC16F1614-I/ST</a>
Manufacturer	<a href="#">Microchip Technology</a>
Allelco Part Number	32D-PIC16F1614-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 7KB FLASH 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	<a href="#">PIC12/16(L)F161x Brief.pdf</a>
RoHs Status	ROHS3 Compliant

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PIC16F1614-I/ST - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F1614-I/ST datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F1614-I/ST, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC16F1614-I/ST Tech Specifications

PIC16F1614-I/ST - 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	14-TSSOP	Number of I/O	12
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 8x10b; D/A 1x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	7KB (4K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	PIC16F1614
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F1614-I/ST

Product Attribute				
Part Number	PIC16F1614-I/ST	<a href="#">PIC16F1703-I/SL</a>	<a href="#">PIC16F1613-I/ML</a>	<a href="#">PIC16F1618-I/SS</a>
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	-	-	-	-
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	16-VQFN Exposed Pad	20-SSOP (0.209", 5.30mm Width)
Package	Tube	Tube	Tube	Tube
Program Memory Size	7KB (4K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)	7KB (4K x 14)
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	14-TSSOP	14-SOIC	16-QFN (4x4)	20-SSOP
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 8x10b; D/A 1x8b	A/D 8x10b	A/D 8x10b	A/D 12x10b; D/A 1x8b
Number of I/O	12	12	12	18
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI	-	I²C, LINbus, SPI, UART/USART
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC16F1614	PIC16F1703	PIC16F1613	PIC16F1618
Speed	32MHz	32MHz	32MHz	32MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	512 x 8	256 x 8	256 x 8	512 x 8

### PIC16F1614-I/ST Datasheet PDF

Download PIC16F1614-I/ST pdf datasheets and Microchip Technology documentation for PIC16F1614-I/ST - Microchip Technology.

#### PCN Packaging

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

[Packing Changes 10/Oct/2016.pdf](#)

#### HTML Datasheet

[PIC12/16\(L\)F161x Brief.pdf](#)



PIC16(L)F1614/8 26/Apr/2021.pdf

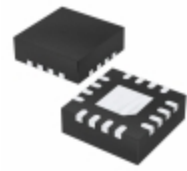
## Customers Also Interested in

### Recommended Products



**PIC16F1703-I/SL**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14SOIC



**PIC16F1613-I/ML**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 16QFN



**PIC16F1618-I/SS**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 20SSOP



**PIC16F1613-I/SL**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14SOIC



**PIC16F1578/SS**

Micrel / Microchip Technology



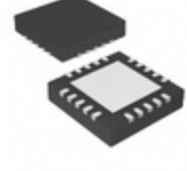
**PIC16F1579T-I/SO**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 20SOIC



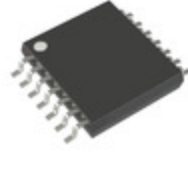
**PIC16F1619-I/SS**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 20SSOP



**PIC16F1618-I/ML**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 20QFN



**PIC16F1703-I/ST**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14TSSOP



**PIC16F1703T-I/ST**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14TSSOP



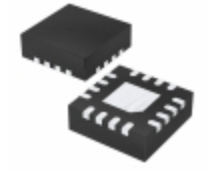
**PIC16F1579-I/SO**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 20SOIC



**PIC16F1614-I/SL**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



**PIC16F1615T-I/ML**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 16QFN



**PIC16F1704-I/SL**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 14SOIC



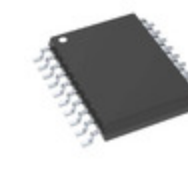
**PIC16F1704-I/ST**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 14TSSOP



**PIC16F1578T-I/SS**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 20SSOP



**PIC16F1578-I/SS**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 20SSOP



**PIC16F1618-I/SO**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 20SOIC

## 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  
+00852 9146 4856
- Email  
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### Certifications & Memberships



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### Contact us

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