

Image may be representation.  
See specifications for product details.



## PIC16LF1574-I/SL

Manufacturer Part Number	<b>PIC16LF1574-I/SL</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16LF1574-I/SL
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 7KB FLASH 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>PIC12,16(L)F157x Brief.pdf</b> <b>PIC16(L)F1574,5,8,9 Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC16LF1574-I/SL - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1574-I/SL datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16LF1574-I/SL, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16LF1574-I/SL Tech Specifications

PIC16LF1574-I/SL - 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	14-SOIC	Number of I/O	12
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 8x10b; D/A 1x5b
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	LINbus, UART/USART
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	PIC16LF1574
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1574-I/SL

Product Attribute				
Part Number	PIC16LF1574-I/SL	<b>PIC16LF1554T-I/ST</b>	<b>PIC16LF1704T-I/ML</b>	<b>PIC16LF1559-I/SS</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Supplier Device Package	14-SOIC	14-TSSOP	16-QFN (4x4)	20-SSOP
Data Converters	A/D 8x10b; D/A 1x5b	A/D 11x10b	A/D 8x10b; D/A 1x8b	A/D 17x10b
Connectivity	LINbus, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	16-VQFN Exposed Pad	20-SSOP (0.209", 5.30mm Width)
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	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	7KB (4K x 14)	7KB (4K x 14)	7KB (4K x 14)	14KB (8K x 14)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
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)
Base Product Number	PIC16LF1574	PIC16LF1554	PIC16LF1704	PIC16LF1559
Number of I/O	12	11	12	17
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	512 x 8	256 x 8	512 x 8	512 x 8

## PIC16LF1574-I/SL Datasheet PDF

Download PIC16LF1574-I/SL pdf datasheets and Microchip Technology documentation for PIC16LF1574-I/SL - Microchip Technology.

### Datasheets


[PIC16\(L\)F1574,5,8,9 Datasheet.pdf](#)

### PCN Packaging


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

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

## HTML Datasheet

 PIC12,16(L)F157x Brief.pdf

## PCN Design/Specification


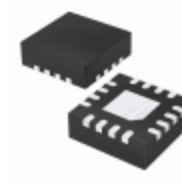


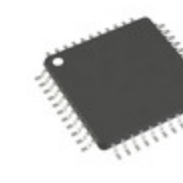
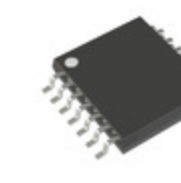

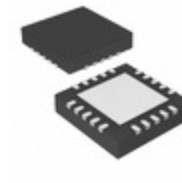


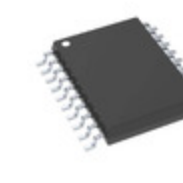
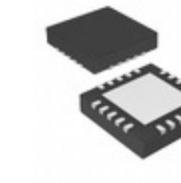

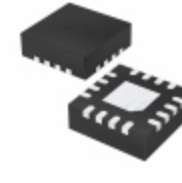

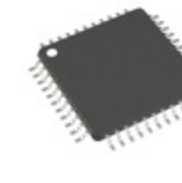
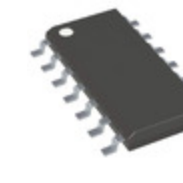
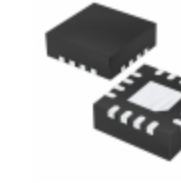
 Pic16(L)F1574/5/8/9 Family Data Sheet Update 06/Oc.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC16LF1554T-I/ST</b> Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP	<b>PIC16LF1704T-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 16QFN	<b>PIC16LF1559-I/SS</b> Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP	<b>PIC16LF1554-I/ST</b> Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP	<b>PIC16LF1567-I/PT</b> Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	<b>PIC16LF1705-E/ST</b> Microchip Technology IC MCU 8BIT 14KB FLASH 14TSSOP
					
<b>PIC16LF1559T-I/SS</b> Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP	<b>PIC16LF1618-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 20QFN	<b>PIC16LF1579/SO</b> Micrel / Microchip Technology	<b>PIC16LF1703-I/SL</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14SOIC	<b>PIC16LF1618-I/SS</b> Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	<b>PIC16LF1559-I/ML</b> Microchip Technology IC MCU 8BIT 14KB FLASH 20QFN
					
<b>PIC16LF1614-I/SL</b> Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	<b>PIC16LF1704-I/ML</b> Microchip Technology IC MCU 8BIT 7KB FLASH 16QFN	<b>PIC16LF1618-I/SO</b> Microchip Technology IC MCU 8BIT 7KB FLASH 20SOIC	<b>PIC16LF1567T-I/PT</b> Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	<b>PIC16LF1554-I/SL</b> Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	<b>PIC16LF1705-I/ML</b> Microchip Technology IC MCU 8BIT 14KB FLASH 16QFN

## 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  
info@allelco.com

### Certifications & Memberships



View More

