



Image may be representation.  
See specifications for product details.



## PIC16F724-I/P

Manufacturer Part Number	<b>PIC16F724-I/P</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16F724-I/P
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 7KB FLASH 40DIP
Package	40-DIP (0.600", 15.24mm)
Data sheet	<a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PIC16(L)F72x Datasheet.pdf</a> <a href="#">PIC16F72x Brochure.pdf</a> <a href="#">PIC16(L)F72x Programming Spec.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC16F724-I/P - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F724-I/P datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16F724-I/P, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16F724-I/P Tech Specifications

PIC16F724-I/P - 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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	40-PDIP	Number of I/O	36
Speed	20MHz	Mounting Type	Through Hole
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	192 x 8	Data Converters	A/D 14x8b
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	I <sup>2</sup> C, SPI, UART/USART
Package / Case	40-DIP (0.600", 15.24mm)	Base Product Number	PIC16F724
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F724-I/P

Product Attribute				
Part Number	PIC16F724-I/P	<a href="#">PIC16F723A-I/ML</a>	<a href="#">PIC16F726-I/SO</a>	<a href="#">PIC16F726-I/ML</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	7KB (4K x 14)	7KB (4K x 14)	14KB (8K x 14)	14KB (8K x 14)
Package	Tube	Tube	Tube	Tube
Supplier Device Package	40-PDIP	28-QFN (6x6)	28-SOIC	28-QFN (6x6)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Speed	20MHz	20MHz	20MHz	20MHz
Base Product Number	PIC16F724	PIC16F723	PIC16F726	PIC16F726
EEPROM Size	-	-	-	-
Data Converters	A/D 14x8b	A/D 11x8b	A/D 11x8b	A/D 11x8b
Core Processor	PIC	PIC	PIC	PIC
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
Package / Case	40-DIP (0.600", 15.24mm)	28-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)	28-VQFN Exposed Pad
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Connectivity	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Number of I/O	36	25	25	25
RAM Size	192 x 8	192 x 8	368 x 8	368 x 8
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F

## PIC16F724-I/P Datasheet PDF

Download PIC16F724-I/P pdf datasheets and Microchip Technology documentation for PIC16F724-I/P - Microchip Technology.

### Datasheets


[Tips N Tricks Guide.pdf](#)


[PIC16\(L\)F72x Datasheet.pdf](#)

[PIC16F72x Brochure.pdf](#)

 PIC16(L)F72x Programming Spec.pdf

## PCN Packaging


 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf

## PCN Assembly/Origin

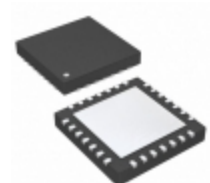
 Mult Dev 13/Apr/2020.pdf

## PCN Design/Specification

 Wire Chg 13/Jan/2016.pdf

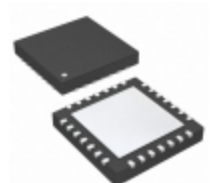
## Customers Also Interested in

### Recommended Products



#### PIC16F723A-I/ML

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28QFN



#### PIC16F726-I/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F726-I/ML

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28QFN

#### PIC16F726-I/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



#### PIC16F723A-I/SP

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SPDIP



#### PIC16F723AT-I/SO

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SOIC



#### PIC16F724-I/PT

Microchip Technology  
IC MCU 8BIT 7KB FLASH 44TQFP



#### PIC16F723A-I/SO

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SOIC



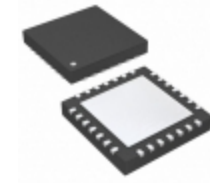
#### PIC16F727-I/PT

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44TQFP



#### PIC16F723A-I/SS

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SSOP



#### PIC16F723AT-I/ML

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28QFN



#### PIC16F726-E/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



#### PIC16F723-I/SP

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SPDIP



#### PIC16F72T-E/SS

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 28SSOP



#### PIC16F726T-I/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



#### PIC16F723-I/SS

Microchip Technology  
IC MCU 8BIT 7KB FLASH 28SSOP



#### PIC16F72T-I/SO

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 28SOIC



#### PIC16F723AT-I/SS

Microchip Technology  
IC MCU 8BIT 7KB 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 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.



Phone

+00852 9146 4856



Email

info@alleco.com

## Certifications & Memberships



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