



Image may be representation.  
See specifications for product details.



## PIC24FJ64GA306T-I/PT

Manufacturer Part Number	<b>PIC24FJ64GA306T-I/PT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC24FJ64GA306T-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 64KB FLASH 64TQFP
Package	64-TQFP
Data sheet	<a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">PIC24FJ128GA310 Family.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC24FJ64GA306T-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ64GA306T-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ64GA306T-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC24FJ64GA306T-I/PT Tech Specifications  
PIC24FJ64GA306T-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 ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	53
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 16x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (22K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC24FJ64GA306
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ64GA306T-I/PT

Product Attribute				
Part Number	PIC24FJ64GA306T-I/PT	PIC24FJ64GA204-I/PT	PIC24FJ64GB002-I/SS	PIC24FJ64GA310-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	64KB (22K x 24)	64KB (64K x 8)	64KB (22K x 24)	64KB (22K x 24)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Speed	32MHz	32MHz	32MHz	32MHz
Supplier Device Package	64-TQFP (10x10)	44-TQFP (10x10)	28-SSOP	100-TQFP (12x12)
Base Product Number	PIC24FJ64GA306	PIC24FJ64GA204	PIC24FJ64GB002	PIC24FJ64GA310
Package	Tape & Reel (TR)	Tray	Tube	Tray
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	53	35	19	85
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, PMP/PSP, SmartCard, SPI, UART/USART	I²C, IrDA, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, SPI, UART/USART
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	PIC	PIC	PIC	PIC
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F
Package / Case	64-TQFP	44-TQFP	28-SSOP (0.209", 5.30mm Width)	100-TQFP
Data Converters	A/D 16x10b/12b	A/D 13x10b/12b	A/D 9x10b	A/D 24x10/12b
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	AES, Brown-out Detect/Reset, DMA, I²S, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT

### PIC24FJ64GA306T-I/PT Datasheet PDF

Download PIC24FJ64GA306T-I/PT pdf datasheets and Microchip Technology documentation for PIC24FJ64GA306T-I/PT - Microchip Technology.


#### Datasheets

[16-bit Embedded Control Solutions.pdf](#)

[PIC24FJ128GA310 Family.pdf](#)

#### PCN Packaging


 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf


## HTML Datasheet

 16-bit Embedded Control Solutions.pdf

## PCN Design/Specification

 Au/CuPdAu Bond Wire Chg 14/Oct/2015.pdf

## PCN Assembly/Origin

 Qualification Revision 08/May/2014.pdf

## Customers Also Interested in

### Recommended Products



#### PIC24FJ64GA204-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



#### PIC24FJ64GB002-I/SS

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28SSOP



#### PIC24FJ64GA310-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



#### PIC24FJ64GA306-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP



#### PIC24FJ64GA702-E/SO

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28SOIC



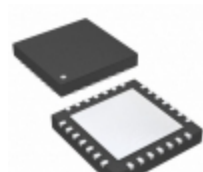
#### PIC24FJ64GA104-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



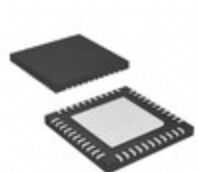
#### PIC24FJ64GA702-I/SO

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28SOIC



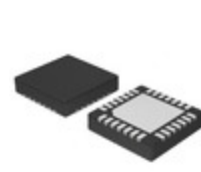
#### PIC24FJ64GB002-I/ML

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28QFN



#### PIC24FJ64GB004-I/ML

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44QFN



#### PIC24FJ64GA202-I/MM

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28QFN



#### PIC24FJ64GA106-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP



#### PIC24FJ64GA204T-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



#### PIC24FJ64GA110-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



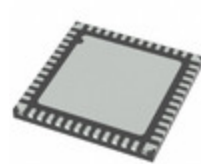
#### PIC24FJ64GA104T-I/PT

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



#### PIC24FJ64GA106

Micrel / Microchip Technology



#### PIC24FJ64GA705-I/M4

Microchip Technology  
IC MCU 16BIT 64KB FLASH 48UQFN



#### PIC24FJ64GB002-I/SO

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28SOIC



#### PIC24FJ64GA702-I/SS

Microchip Technology  
IC MCU 16BIT 64KB 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.



## 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



View More

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