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See specifications for product details.



## PIC24FJ32GA102T-I/ML

Manufacturer Part Number **PIC24FJ32GA102T-I/ML**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24FJ32GA102T-I/ML**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 32KB FLASH 28QFN**

Package **28-VQFN Exposed Pad**

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

**[PIC24FJ64GA,GB0 Programming Spec.pdf](#)**

**[PIC24FJ64GA104 Family.pdf](#)**

RoHs Status **ROHS3 Compliant**

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PIC24FJ32GA102T-I/ML - Microchip Technology.New Original in Stock. Download Linear Technology PIC24FJ32GA102T-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ32GA102T-I/ML, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC24FJ32GA102T-I/ML Tech Specifications

PIC24FJ32GA102T-I/ML - 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	28-QFN (6x6)	Number of I/O	21
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 10x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (11K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, IrDA, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC24FJ32GA102
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ32GA102T-I/ML

Product Attribute				
Part Number	PIC24FJ32GA102T-I/ML	PIC24FJ32GA102T-I/SS	PIC24FJ32GA102-E/SS	PIC24FJ32GA104-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory Size	32KB (11K x 24)	32KB (11K x 24)	32KB (11K x 24)	32KB (11K x 24)
Speed	32MHz	32MHz	32MHz	32MHz
Data Converters	A/D 10x10b	A/D 10x10b	A/D 10x10b	A/D 13x10b
EEPROM Size	-	-	-	-
Package / Case	28-VQFN Exposed Pad	28-SSOP (0.209', 5.30mm Width)	28-SSOP (0.209', 5.30mm Width)	44-TQFP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tray
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F
Connectivity	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	21	21	21	35
Supplier Device Package	28-QFN (6x6)	28-SSOP	28-SSOP	44-TQFP (10x10)
Base Product Number	PIC24FJ32GA102	PIC24FJ32GA102	PIC24FJ32GA102	PIC24FJ32GA104
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V

## PIC24FJ32GA102T-I/ML Datasheet PDF

Download PIC24FJ32GA102T-I/ML pdf datasheets and Microchip Technology documentation for PIC24FJ32GA102T-I/ML - Microchip Technology.

### Datasheets

[PIC24FJ64GA104 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

 PIC24FJ64GA,GB0 Programming Spec.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

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### Recommended Products



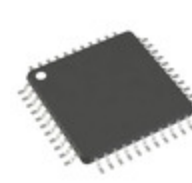
#### PIC24FJ32GA102T-I/SS

Microchip Technology  
IC MCU 16BIT 32KB FLASH 28SSOP



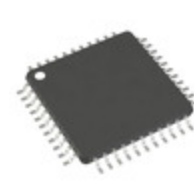
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Microchip Technology  
IC MCU 16BIT 32KB FLASH 28SSOP



#### PIC24FJ32GA104-I/PT

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44TQFP



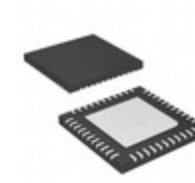
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IC MCU 16BIT 32KB FLASH 44TQFP



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#### PIC24FJ32GA004-I/ML

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44QFN



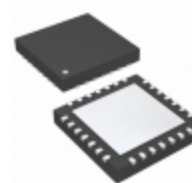
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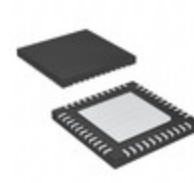
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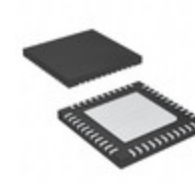
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Microchip Technology  
IC MCU 16BIT 32KB FLASH 28QFN



#### PIC24FJ32GA004T-I/ML

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44QFN



#### PIC24FJ32GA104-I/ML

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44QFN



#### PIC24FJ32GA004-I/PT

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44TQFP



#### PIC24FJ32GB002-I/SO

Microchip Technology  
IC MCU 16BIT 32KB FLASH 28SOIC



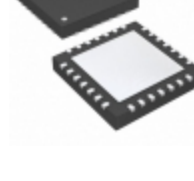
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IC MCU 16BIT 32KB FLASH 28SOIC



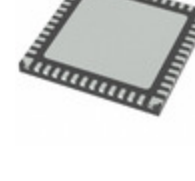
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IC MCU 16BIT 32KB FLASH 28SSOP



#### PIC24FJ32GA002T-I/ML

Microchip Technology  
IC MCU 16BIT 32KB FLASH 28QFN



#### PIC24FJ32GP205-I/M4

Microchip Technology  
IC MCU 16BIT 32KB FLASH 48UQFN



#### PIC24FJ32GB004-I/PT

Microchip Technology  
IC MCU 16BIT 32KB FLASH 44TQFP

## 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



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