

Image may be representation.  
See specifications for product details.



## PIC24FJ128GA306-I/MR

Manufacturer Part Number **PIC24FJ128GA306-I/MR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24FJ128GA306-I/MR**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 128KB FLASH 64VQFN**

Package **64-VFQFN Exposed Pad**

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

**[PIC24FJ128GA310 Family.pdf](#)**

RoHs Status **ROHS3 Compliant**

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PIC24FJ128GA306-I/MR - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ128GA306-I/MR datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ128GA306-I/MR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC24FJ128GA306-I/MR Tech Specifications

PIC24FJ128GA306-I/MR - 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-VQFN (9x9)	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	128KB (43K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Package / Case	64-VFQFN Exposed Pad	Base Product Number	PIC24FJ128GA306
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ128GA306-I/MR

Product Attribute				
Part Number	PIC24FJ128GA306-I/MR	<a href="#">PIC24FJ128GA406T-I/PT</a>	<a href="#">PIC24FJ128GA306-I/PT</a>	<a href="#">PIC24FJ128GA406-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	64-VFQFN Exposed Pad	64-TQFP	64-TQFP	64-TQFP
Data Converters	A/D 16x10b/12b	A/D 16x10b/12b; D/A 1x10b	A/D 16x10b/12b	A/D 16x10b/12b; D/A 1x10b
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Base Product Number	PIC24FJ128GA306	PIC24FJ128GA406	PIC24FJ128GA306	PIC24FJ128GA406
RAM Size	8K x 8	16K x 8	8K x 8	16K x 8
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, LVD, POR, PWM, WDT
Number of I/O	53	53	53	53
Package	Tube	Tape & Reel (TR)	Tray	Tray
Speed	32MHz	32MHz	32MHz	32MHz
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F
Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, PMP/PSP, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, PMP/PSP, SPI, UART/USART
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Core Processor	PIC	PIC	PIC	PIC
Program Memory Size	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)
Supplier Device Package	64-VQFN (9x9)	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-

## PIC24FJ128GA306-I/MR Datasheet PDF

Download PIC24FJ128GA306-I/MR pdf datasheets and Microchip Technology documentation for PIC24FJ128GA306-I/MR - Microchip Technology.

### PCN Packaging



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






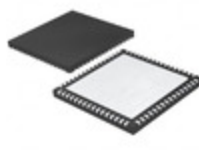

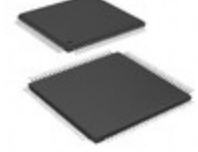




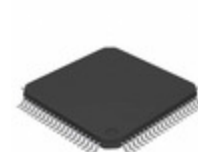


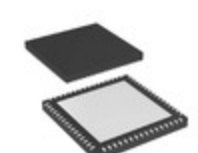


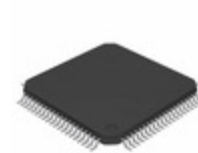
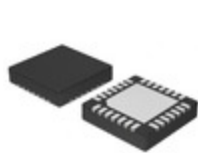
[Packing Changes 10/Oct/2016.pdf](#)

### HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>PIC24FJ128GA406T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA306-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA406-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA106-I/MR</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	 <b>PIC24FJ128GA704-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	 <b>PIC24FJ128GA110-E/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP
 <b>PIC24FJ128GA110-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	 <b>PIC24FJ128GA606-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA310-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	 <b>PIC24FJ128GA306T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA308-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 80TQFP	 <b>PIC24FJ128GA204-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP
 <b>PIC24FJ128GA106T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA606-I/MR</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64QFN	 <b>PIC24FJ128GA410-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	 <b>PIC24FJ128GA106-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>PIC24FJ128GA108T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 80TQFP	 <b>PIC24FJ128GA202-I/MM</b> Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN

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
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Contact us if you have any questions.

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Certifications & Memberships



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