



Image may be representation.  
See specifications for product details.



## PIC24FJ128GB106-I/PT

Manufacturer Part Number	<b>PIC24FJ128GB106-I/PT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC24FJ128GB106-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 128KB 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="#">PIC24FJzzzG(A,B)1 Programming Spec.pdf</a> <a href="#">PIC24FJ256GB110 Family Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PIC24FJ128GB106-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ128GB106-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ128GB106-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC24FJ128GB106-I/PT Tech Specifications  
PIC24FJ128GB106-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	51
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® 24F	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (43K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB OTG
Package / Case	64-TQFP	Base Product Number	PIC24FJ128GB106
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ128GB106-I/PT

Product Attribute				
Part Number	PIC24FJ128GB106-I/PT	PIC24FJ128GB106-I/MR	PIC24FJ128GA406T-I/PT	PIC24FJ128GB106T-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	64-TQFP (10x10)	64-VQFN (9x9)	64-TQFP (10x10)	64-TQFP (10x10)
Connectivity	I²C, SPI, UART/USART, USB OTG	I²C, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, PMP/PSP, SPI, UART/USART	I²C, SPI, UART/USART, USB OTG
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Package	Tray	Tube	Tape & Reel (TR)	Tape & Reel (TR)
RAM Size	16K x 8	16K x 8	16K x 8	16K x 8
Number of I/O	51	51	53	51
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, DMA, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Package / Case	64-TQFP	64-VFQFN Exposed Pad	64-TQFP	64-TQFP
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b/12b; D/A 1x10b	A/D 16x10b
Series	PIC® 24F	PIC® 24F	PIC® XLP™ 24F	PIC® 24F
Base Product Number	PIC24FJ128GB106	PIC24FJ128GB106	PIC24FJ128GA406	PIC24FJ128GB106
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	32MHz	32MHz	32MHz	32MHz
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)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

## PIC24FJ128GB106-I/PT Datasheet PDF

Download PIC24FJ128GB106-I/PT pdf datasheets and Microchip Technology documentation for PIC24FJ128GB106-I/PT - Microchip Technology.

### Datasheets

- [16-bit Embedded Control Solutions.pdf](#)
- [PIC24FJzzzG\(A,B\)1 Programming Spec.pdf](#)
- [PIC24FJ256GB110 Family Datasheet.pdf](#)

## PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

## HTML Datasheet



16-bit Embedded Control Solutions.pdf

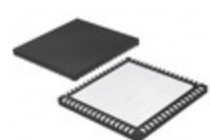
## PCN Assembly/Origin



Qualification Lead-Frame 03/Jun/2014.pdf

## Customers Also Interested in

### Recommended Products



**PIC24FJ128GB106-I/MR**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64VQFN



**PIC24FJ128GA406T-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP



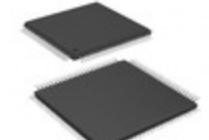
**PIC24FJ128GB106T-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP



**PIC24FJ128GB202-I/SO**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 28SOIC



**PIC24FJ128GA704-I/PT**

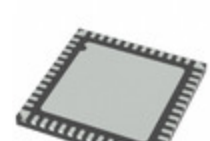
Microchip Technology  
IC MCU 16BIT 128KB FLASH 44TQFP

Microchip Technology  
IC MCU 16BIT 128KB FLASH 100TQFP



**PIC24FJ128GA406-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP



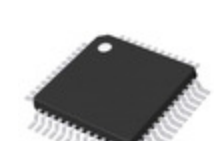
**PIC24FJ128GA705-I/M4**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 48UQFN



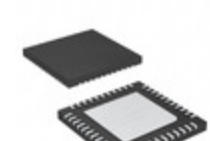
**PIC24FJ128GA705T-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 48TQFP



**PIC24FJ128GA705-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 48TQFP



**PIC24FJ128GB204-I/ML**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 44TQFP



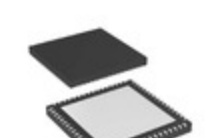
**PIC24FJ128GB108-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 80TQFP



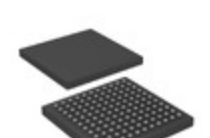
**PIC24FJ128GA410-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 100TQFP



**PIC24FJ128GB606-I/MR**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64QFN



**PIC24FJ128GB210-I/BG**

Microchip Technology  
IC MCU 16BIT 128KB FLSH 121TFBGA



**PIC24FJ128GB206-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP



**PIC24FJ128GB204-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 44TQFP



**PIC24FJ128GA606-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

## 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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