



Image may be representation.  
See specifications for product details.



## PIC24FJ128GA006-I/PT

Manufacturer Part Number **PIC24FJ128GA006-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24FJ128GA006-I/PT**

ECAD Model PCB Symbol, Footprint & 3D Model

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

Package **64-TQFP**

Data sheet **[PIC24FJzzzGA0zz Programming Specification.pdf](#)**

**[PIC24FJ128GA010.pdf](#)**

RoHs Status **ROHS3 Compliant**

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## Specifications

PIC24FJ128GA006-I/PT Tech Specifications

PIC24FJ128GA006-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	16MHz	Mounting Type	Surface Mount
Series	PIC® 24F	EEPROM Size	-
RAM Size	8K 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, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, PMP, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC24FJ128GA006
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ128GA006-I/PT

Product Attribute				
Part Number	PIC24FJ128GA006-I/PT	<a href="#">PIC24FJ128GA008-I/PT</a>	<a href="#">PIC24FJ128GA106-I/PT</a>	<a href="#">PIC24FJ128GA010-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Speed	16MHz	16MHz	32MHz	16MHz
Package / Case	64-TQFP	80-TQFP	64-TQFP	100-TQFP
Program Memory Size	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)
Core Processor	PIC	PIC	PIC	PIC
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® 24F	PIC® 24F	PIC® 24F	PIC® 24F
EEPROM Size	-	-	-	-
Number of I/O	53	69	53	84
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
RAM Size	8K x 8	8K x 8	16K x 8	8K x 8
Connectivity	I <sup>2</sup> C, PMP, SPI, UART/USART	I <sup>2</sup> C, PMP, SPI, UART/USART	I <sup>2</sup> C, PMP, SPI, UART/USART	I <sup>2</sup> C, PMP, SPI, UART/USART
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Package	Tray	Tray	Tray	Tray
Base Product Number	PIC24FJ128GA006	PIC24FJ128GA008	PIC24FJ128GA106	PIC24FJ128GA010
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	64-TQFP (10x10)	80-TQFP (12x12)	64-TQFP (10x10)	100-TQFP (12x12)

## PIC24FJ128GA006-I/PT Datasheet PDF

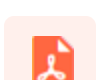
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### Datasheets



[PIC24FJ128GA010.pdf](#)

### PCN Packaging




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



[MBB/Label Chgs 16/Nov/2018.pdf](#)

## HTML Datasheet







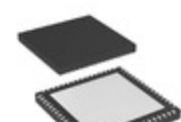




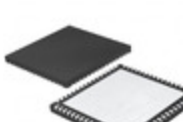






 PIC24FJzzzGA0zz Programming Specification.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC24FJ128GA008-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 80TQFP	<b>PIC24FJ128GA106-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	<b>PIC24FJ128GA010-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	<b>PIC24FJ128GA010-I/PF</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	<b>PIC24FJ1280A106-I/MR</b> Pericom Semiconductor Corp. (Diodes Incorporated)	<b>PIC24FJ1024GB610-I/PT</b> Microchip Technology IC MCU 16BIT 1MB FLASH 100TQFP
					
<b>PIC24FJ1024GB606-I/MR</b> Microchip Technology IC MCU 16BIT 1MB FLASH 64QFN	<b>PIC24FJ128GA006T-I/P</b> Micrel / Microchip Technology	<b>PIC24FJ128GA106T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	<b>PIC24FJ128GA006T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	<b>PIC24FJ1024GA610-I/PT</b> Microchip Technology IC MCU 16BIT 1MB FLASH 100TQFP	<b>PIC24FJ128GA106-I/MR</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN
					
<b>PIC24FJ128DA210-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	<b>PIC24FJ1024GA606T-I/PT</b> Microchip Technology IC MCU 16BIT 1MB FLASH 64TQFP	<b>PIC24FJ128DA106-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	<b>PIC24FJ1280A206-I/MR</b> Pericom Semiconductor Corp. (Diodes Incorporated)	<b>PIC24FJ1024GA606-I/PT</b> Microchip Technology IC MCU 16BIT 1MB FLASH 64TQFP	<b>PIC24FJ1024GB610-I/PT</b> Microchip Technology IC MCU 16BIT 1MB FLASH 100TQFP

## 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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