



Image may be representation.  
See specifications for product details.



## PIC24FJ192GB106-I/PT

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">PIC24FJ192GB106-I/PT</a>   |
| Manufacturer             | <a href="#">Microchip Technology</a>   |
| Allelco Part Number      | 32D-PIC24FJ192GB106-I/PT   |
| ECAD Model               | PCB Symbol, Footprint & 3D Model   |
| Parts Description        | IC MCU 16BIT 192KB FLASH 64TQFP  |
| Package                  | 64-TQFP  |
| Data sheet               | <a href="#">16-bit Embedded Control Solutions.pdf</a><br><a href="#">16-bit Embedded Control Solutions.pdf</a><br><a href="#">PIC24FJzzzG(A,B)1 Programming Spec.pdf</a><br><a href="#">PIC24FJ256GB110 Family Datasheet.pdf</a> |
| RoHs Status              | ROHS3 Compliant  |

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PIC24FJ192GB106-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC24FJ192GB106-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ192GB106-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC24FJ192GB106-I/PT Tech Specifications  
PIC24FJ192GB106-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        | 192KB (65.5K 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   | PIC24FJ192GB106               |
| Package                    | Tray                                       |                       |                               |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ192GB106-I/PT

| Product Attribute          |  |  |  |  |
|----------------------------|--|--|--|--|
| Part Number                | PIC24FJ192GB106-I/PT                       | PIC24FJ192GA106-I/PT                       | PIC24FJ192GA110-I/PT                       | PIC24FJ16MC101-E/SS                                      |
| Manufacturer               | Microchip Technology                       | Microchip Technology                       | Microchip Technology                       | Microchip Technology                                     |
| Core Size                  | 16-Bit                                     | 16-Bit                                     | 16-Bit                                     | 16-Bit   |
| Program Memory Type        | FLASH                                      | FLASH                                      | FLASH                                      | FLASH  |
| 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, Motor Control PWM, POR, PWM, WDT |
| Core Processor             | PIC  | PIC  | PIC  | PIC  |
| Series                     | PIC® 24F                                   | PIC® 24F                                   | PIC® 24F                                   | Automotive, AEC-Q100, PIC® 24F                           |
| Connectivity               | I²C, SPI, UART/USART, USB OTG              | I²C, PMP, SPI, UART/USART                  | I²C, PMP, SPI, UART/USART                  | I²C, IrDA, LINbus, SPI, UART/USART                       |
| Operating Temperature      | -40°C ~ 85°C (TA)                          | -40°C ~ 85°C (TA)                          | -40°C ~ 85°C (TA)                          | -40°C ~ 125°C (TA)                                       |
| Supplier Device Package    | 64-TQFP (10x10)                            | 64-TQFP (10x10)                            | 100-TQFP (12x12)                           | 20-SSOP  |
| Voltage - Supply (Vcc/Vdd) | 2V ~ 3.6V                                  | 2V ~ 3.6V                                  | 2V ~ 3.6V                                  | 3V ~ 3.6V  |
| Base Product Number        | PIC24FJ192GB106                            | PIC24FJ192GA106                            | PIC24FJ192GA110                            | PIC24FJ16MC101   |
| Oscillator Type            | Internal                                   | Internal                                   | Internal                                   | Internal   |
| Mounting Type              | Surface Mount                              | Surface Mount                              | Surface Mount                              | Surface Mount  |
| Package                    | Tray                                       | Tray                                       | Tray                                       | Tube   |
| RAM Size                   | 16K x 8                                    | 16K x 8                                    | 16K x 8                                    | 1K x 8   |
| EEPROM Size                | -  | -  | -  | -  |
| Speed                      | 32MHz                                      | 32MHz                                      | 32MHz                                      | 16 MIPS  |
| Data Converters            | A/D 16x10b                                 | A/D 16x10b                                 | A/D 16x10b                                 | A/D 4x10b  |
| Number of I/O              | 51   | 53   | 85   | 15   |
| Package / Case             | 64-TQFP                                    | 64-TQFP                                    | 100-TQFP                                   | 20-SSOP (0.209", 5.30mm Width)                           |
| Program Memory Size        | 192KB (65.5K x 24)                         | 192KB (65.5K x 24)                         | 192KB (65.5K x 24)                         | 16KB (5.5K x 24)   |

## PIC24FJ192GB106-I/PT Datasheet PDF

Download PIC24FJ192GB106-I/PT pdf datasheets and Microchip Technology documentation for PIC24FJ192GB106-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



#### PIC24FJ192GA106-I/PT

Microchip Technology  
IC MCU 16BIT 192KB FLASH 64TQFP



#### PIC24FJ192GA110-I/PT

Microchip Technology  
IC MCU 16BIT 192KB FLASH 100TQFP



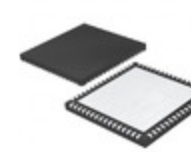
#### PIC24FJ16MC101-E/SS

Microchip Technology  
IC MCU 16BIT 16KB FLASH 20SSOP



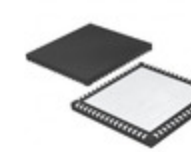
#### PIC24FJ192GA110-E/PT

Microchip Technology  
IC MCU 16BIT 192KB FLASH 100TQFP



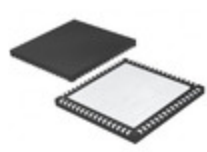
#### PIC24FJ256DA206-I/MR

Microchip Technology  
IC MCU 16BIT 256KB FLASH 64VQFN



#### PIC24FJ256DA106-I/MR

Microchip Technology  
IC MCU 16BIT 256KB FLASH 64VQFN



#### PIC24FJ192GA106-I/MR

Microchip Technology  
IC MCU 16BIT 192KB FLASH 64VQFN



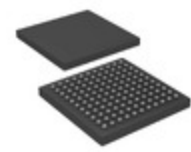
#### PIC24FJ23GA004-I/PT

Micrel / Microchip Technology



#### PIC24FJ256DA106-I/PT

Microchip Technology  
IC MCU 16BIT 256KB FLASH 64TQFP



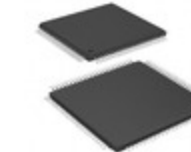
#### PIC24FJ256DA210-I/BG

Microchip Technology  
IC MCU 16BIT 256KB FLSH 121TFBGA



#### PIC24FJ256-I/PT

Micrel / Microchip Technology



#### PIC24FJ256DA210-I/PT

Microchip Technology  
IC MCU 16BIT 256KB FLASH 100TQFP



#### PIC24FJ16GA002T-I/SS

Microchip Technology  
IC MCU 16BIT 16KB FLASH 28SSOP



#### PIC24FJ16GA004T-I/PT

Microchip Technology  
IC MCU 16BIT 16KB FLASH 44TQFP



#### PIC24FJ16GA004-I/PT

Microchip Technology  
IC MCU 16BIT 16KB FLASH 44TQFP



#### PIC24FJ192GA108-I/PT

Microchip Technology  
IC MCU 16BIT 192KB FLASH 80TQFP



#### PIC24FJ256DA110-I/PT

Microchip Technology  
IC MCU 16BIT 256KB FLASH 100TQFP



#### PIC24FJ256DA206-I/PT

Microchip Technology  
IC MCU 16BIT 256KB 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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