



Image may be representation.
See specifications for product details.



PIC24FJ256GA110T-I/PT

Manufacturer Part Number	PIC24FJ256GA110T-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ256GA110T-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 256KB FLASH 100TQFP
Package	100-TQFP
Data sheet	16-bit Embedded Control Solutions.pdf 16-bit Embedded Control Solutions.pdf PIC24FJ(128,256)(DAx,GB2) Program Spec.pdf PIC24FJ256GA110 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24FJ256GA110T-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC24FJ256GA110T-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC24FJ256GA110T-I/PT, please send us email: info@allelco.com

Specifications

PIC24FJ256GA110T-I/PT Tech Specifications
PIC24FJ256GA110T-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	100-TQFP (12x12)	Number of I/O	85
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	256KB (85.5K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, PMP, SPI, UART/USART
Package / Case	100-TQFP	Base Product Number	PIC24FJ256GA110
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ256GA110T-I/PT

Product Attribute				
Part Number	PIC24FJ256GA110T-I/PT	PIC24FJ256GA410-I/PT	PIC24FJ256GA702T-I/ML	PIC24FJ256GA610-E/BG
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC24FJ256GA110	PIC24FJ256GA410	PIC24FJ256GA702	PIC24FJ256GA610
Package / Case	100-TQFP	100-TQFP	28-VQFN Exposed Pad	121-TFBGA
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Number of I/O	85	85	22	85
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT
Speed	32MHz	32MHz	32MHz	32MHz
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	16K x 8	16K x 8	16K x 8	32K x 8
Supplier Device Package	100-TQFP (12x12)	100-TQFP (12x12)	28-QFN (6x6)	121-TFBGA (10x10)
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® 24F	PIC® XLP™ 24F	PIC® 24F	Automotive, AEC-Q100, PIC® 24F
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP/PSP, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Data Converters	A/D 16x10b	A/D 24x10/12b; D/A 1x10b	A/D 10x12b	A/D 24x12b SAR

PIC24FJ256GA110T-I/PT Datasheet PDF

Download PIC24FJ256GA110T-I/PT pdf datasheets and Microchip Technology documentation for PIC24FJ256GA110T-I/PT - Microchip Technology.

Datasheets


- [16-bit Embedded Control Solutions.pdf](#)
- [PIC24FJ\(128,256\)\(DAx,GB2\) Program Spec.pdf](#)
- [PIC24FJ256GA110 Family Datasheet.pdf](#)

PCN Packaging


 MBB/Label Chgs 16/Nov/2018.pdf

 Reel Design Update 07/May/2015.pdf

HTML Datasheet


 16-bit Embedded Control Solutions.pdf

PCN Design/Specification

 Palladium Copper Wire 05/Nov/2013.pdf

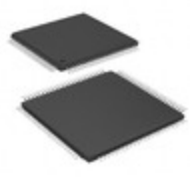
 PIC24FJ256GA110 14/May/2019.pdf

PCN Assembly/Origin

 Additional Fabrication Site 11/Oct/2013.pdf

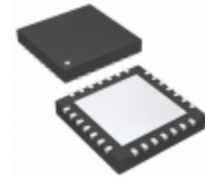
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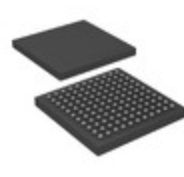
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Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



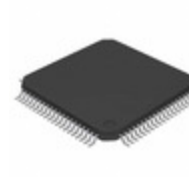
PIC24FJ256GA702T-I/ML

Microchip Technology
IC MCU 16BIT 256KB FLASH 28QFN



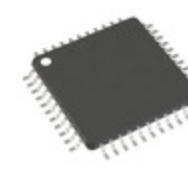
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Microchip Technology
IC MCU 16BIT 256KB FLSH
121TFBGA



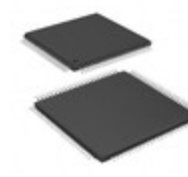
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Microchip Technology
IC MCU 16BIT 256KB FLASH 80TQFP



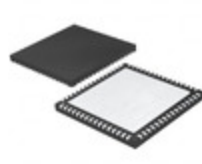
PIC24FJ256GA704T-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 44TQFP



PIC24FJ256GA110-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



PIC24FJ256GA106-I/MR

Microchip Technology
IC MCU 16BIT 256KB FLASH 64VQFN



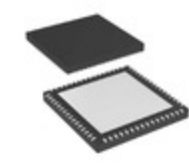
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Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



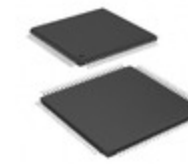
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Microchip Technology
IC MCU 16BIT 256KB FLASH 44TQFP



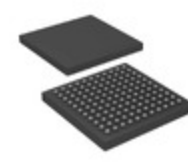
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Microchip Technology
IC MCU 16BIT 256KB FLASH 64QFN



PIC24FJ256DA210-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



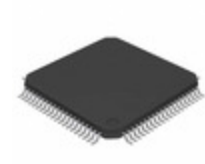
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Microchip Technology
IC MCU 16BIT 256KB FLSH
121TFBGA



PIC24FJ256GA106-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 64TQFP



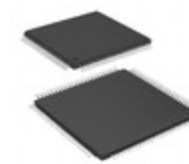
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Microchip Technology
IC MCU 16BIT 256KB FLASH 80TQFP



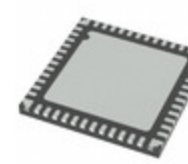
PIC24FJ256GA705-E/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 48TQFP



PIC24FJ256GA610-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



PIC24FJ256GA705-I/M4

Microchip Technology
IC MCU 16BIT 256KB FLASH 48UQFN



PIC24FJ256GA106
Pericom Semiconductor Corp.
(Diodes Incorporated)

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

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Email

info@allelco.com

Certifications & Memberships



View More

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