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See specifications for product details.



PIC24FJ256GA406-I/MR

Manufacturer Part Number	PIC24FJ256GA406-I/MR
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ256GA406-I/MR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 256KB FLASH 64QFN
Package	64-VFQFN Exposed Pad
Data sheet	PIC24FJ256G(A,B)4xx Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24FJ256GA406-I/MR - Microchip Technology.New Original in Stock. Download Linear Technology PIC24FJ256GA406-I/MR datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ256GA406-I/MR, please send us email: info@allelco.com

Specifications

PIC24FJ256GA406-I/MR Tech Specifications
PIC24FJ256GA406-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-QFN (9x9)	Number of I/O	53
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 16x10b/12b; D/A 1x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	256KB (85.5K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, LCD, LVD, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, PMP/PSP, SPI, UART/USART
Package / Case	64-VFQFN Exposed Pad	Base Product Number	PIC24FJ256GA406
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ256GA406-I/MR

Product Attribute				
Part Number	PIC24FJ256GA406-I/MR	PIC24FJ256GA610-I/PT	PIC24FJ256GA110-I/PF	PIC24FJ256GA704-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Data Converters	A/D 16x10b/12b; D/A 1x10b	A/D 24x10/12b	A/D 16x10b	A/D 14x12b
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)
Package / Case	64-VFQFN Exposed Pad	100-TQFP	100-TQFP	44-TQFP
EEPROM Size	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	PIC24FJ256GA406	PIC24FJ256GA610	PIC24FJ256GA110	PIC24FJ256GA704
Connectivity	I²C, IrDA, LINbus, PMP/PSP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, PMP, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Speed	32MHz	32MHz	32MHz	32MHz
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Supplier Device Package	64-QFN (9x9)	100-TQFP (12x12)	100-TQFP (14x14)	44-TQFP (10x10)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	16K x 8	32K x 8	16K x 8	16K x 8
Number of I/O	53	85	85	36
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 24F	PIC® 24F	PIC® 24F	PIC® 24F
Package	Tube	Tray	Tray	Tray
Peripherals	Brown-out Detect/Reset, DMA, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT

PIC24FJ256GA406-I/MR Datasheet PDF

Download PIC24FJ256GA406-I/MR pdf datasheets and Microchip Technology documentation for PIC24FJ256GA406-I/MR - Microchip Technology.

Datasheets

[PIC24FJ256G\(A,B\)4xx Datasheet.pdf](#)

PCN Packaging


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

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

PCN Assembly/Origin

 2.73KHz.pdf

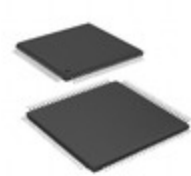
PCN Design/Specification

 PIC24FJ256GA412/PIC24FJ256GB412
12/Nov/2019.pdf

 PIC24FJ256GB412 23/Jun/2016.pdf

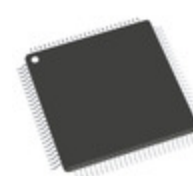
Customers Also Interested in

Recommended Products



PIC24FJ256GA610-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



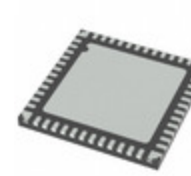
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Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



PIC24FJ256GA704-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 44TQFP



PIC24FJ256GA705T-I/M4

Microchip Technology
IC MCU 16BIT 256KB FLASH 48UQFN



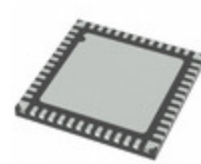
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Microchip Technology
IC MCU 16BIT 256KB FLASH 80TQFP



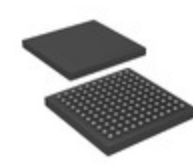
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Microchip Technology
IC MCU 16BIT 256KB FLASH 44TQFP



PIC24FJ256GA705-I/M4

Microchip Technology
IC MCU 16BIT 256KB FLASH 48UQFN



PIC24FJ256GA610-E/BG

Microchip Technology
IC MCU 16BIT 256KB FLASH
121TFBGA



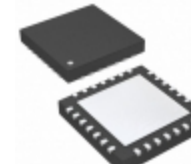
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IC MCU 16BIT 256KB FLASH 48TQFP



PIC24FJ256GA106-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 64TQFP



PIC24FJ256GA702T-I/ML

Microchip Technology
IC MCU 16BIT 256KB FLASH 28QFN



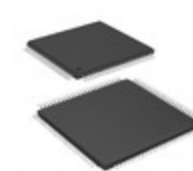
PIC24FJ256GA108-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 80TQFP



PIC24FJ256GA410-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



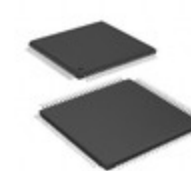
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Microchip Technology
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100TQFP



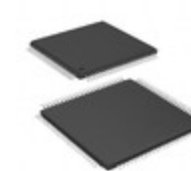
PIC24FJ256GA705-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 48TQFP



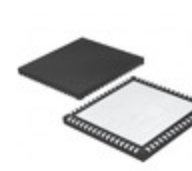
PIC24FJ256DA210-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



PIC24FJ256GA110-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



PIC24FJ256GA106-I/MR

Microchip Technology
IC MCU 16BIT 256KB FLASH 64VQFN

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.



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Certifications & Memberships



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