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See specifications for product details.



PIC24FJ256GB110-I/PF

Manufacturer Part Number	PIC24FJ256GB110-I/PF
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ256GB110-I/PF
ECAD Model	PCB Symbol, Footprint & 3D Mode
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 PIC24FJzzzG(A,B)1 Programming Spec.pdf PIC24FJ256GB110 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24FJ256GB110-I/PF - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ256GB110-I/PF datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ256GB110-I/PF, please send us email: info@allelco.com

Specifications

PIC24FJ256GB110-I/PF Tech Specifications

PIC24FJ256GB110-I/PF - 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 (14x14)	Number of I/O	83
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	I ² C, SPI, UART/USART, USB OTG
Package / Case	100-TQFP	Base Product Number	PIC24FJ256GB110
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ256GB110-I/PF

Product Attribute				
Part Number	PIC24FJ256GB110-I/PF	PIC24FJ256GA705-I/PT	PIC24FJ256GA704-I/PT	PIC24FJ256GB206-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	-	-	-	-
Package	Tray	Tray	Tape & Reel (TR)	Tray
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)
Speed	32MHz	32MHz	32MHz	32MHz
Supplier Device Package	100-TQFP (14x14)	48-TQFP (7x7)	44-TQFP (10x10)	64-TQFP (10x10)
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	16K x 8	16K x 8	16K x 8	96K x 8
Base Product Number	PIC24FJ256GB110	PIC24FJ256GA705	PIC24FJ256GA704	PIC24FJ256GB206
Connectivity	I ² C, SPI, UART/USART, USB OTG	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, SPI, UART/USART, USB OTG
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2.2V ~ 3.6V
Data Converters	A/D 16x10b	A/D 14x12b	A/D 14x12b	A/D 16x10b
Number of I/O	83	40	36	52
Package / Case	100-TQFP	48-TQFP	44-TQFP	64-TQFP
Series	PIC® 24F	PIC® 24F	PIC® 24F	PIC® 24F

PIC24FJ256GB110-I/PF Datasheet PDF

Download PIC24FJ256GB110-I/PF pdf datasheets and Microchip Technology documentation for PIC24FJ256GB110-I/PF - Microchip Technology.

Datasheets



16-bit Embedded Control Solutions.pdf




PIC24FJzzzG(A,B)1 Programming Spec.pdf



PIC24FJ256GB110 Family Datasheet.pdf

PCN Packaging


 MBB/Label Chgs 16/Nov/2018.pdf

 New Packing Material 02/Aug/2019.pdf

HTML Datasheet






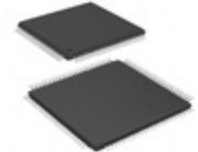


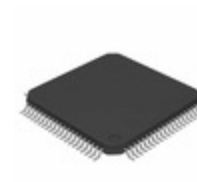
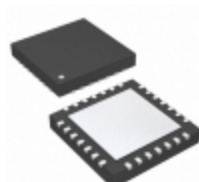

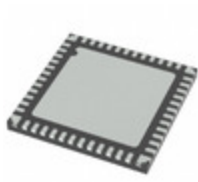

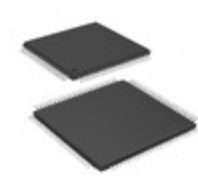



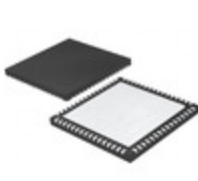
 16-bit Embedded Control Solutions.pdf

PCN Assembly/Origin

 Qualification Assembly Site Revision 25/Jul/2014.pdf

Customers Also Interested in

Recommended Products

					
PIC24FJ256GA705-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 48TQFP	PIC24FJ256GA704T-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 44TQFP	PIC24FJ256GB206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GB606-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GB108-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 80TQFP	PIC24FJ256GB210-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP
					
PIC24FJ32GA002-E/SS Microchip Technology IC MCU 16BIT 32KB FLASH 28SSOP	PIC24FJ256GB106-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GB108T-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 80TQFP	PIC24FJ32GA002-I/ML Microchip Technology IC MCU 16BIT 32KB FLASH 28QFN	PIC24FJ256GB406-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GA705-I/M4 Microchip Technology IC MCU 16BIT 256KB FLASH 48UQFN
					
PIC24FJ32GA002-I/SO Microchip Technology IC MCU 16BIT 32KB FLASH 28SOIC	PIC24FJ256GB110-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256GA705-E/PT Microchip Technology IC MCU 16BIT 256KB FLASH 48TQFP	PIC24FJ256GA704-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 44TQFP	PIC24FJ256GA705T-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 48TQFP	PIC24FJ256GB206-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
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Contact us if you have any questions.

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