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See specifications for product details.



PIC24FJ64GC010-I/PT

Manufacturer Part Number	PIC24FJ64GC010-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ64GC010-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 64KB FLASH 100TQFP
Package	100-TQFP
Data sheet	PIC24FJ(128,256)(DAx,GB2) Program Spec.pdf PIC24FJ128GC010 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24FJ64GC010-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC24FJ64GC010-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ64GC010-I/PT, please send us email: info@allelco.com

Specifications

PIC24FJ64GC010-I/PT Tech Specifications
PIC24FJ64GC010-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® XLP™ 24F	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 50x12b, 2x16b; D/A 2x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (22K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG
Package / Case	100-TQFP	Base Product Number	PIC24FJ64GC010
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ64GC010-I/PT

Product Attribute				
Part Number	PIC24FJ64GC010-I/PT	PIC24FJ64GL306-I/PT	PIC24FJ64GB106-I/PT	PIC24FJ64GB110-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Oscillator Type	Internal	External	Internal	Internal
Package / Case	100-TQFP	64-TQFP	64-TQFP	100-TQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tray	Tray	Tray	Tray
Core Processor	PIC	PIC	PIC	PIC
RAM Size	8K x 8	8K x 8	16K x 8	16K x 8
Program Memory Size	64KB (22K x 24)	64KB (64K x 8)	64KB (22K x 24)	64KB (22K x 24)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Data Converters	A/D 50x12b, 2x16b; D/A 2x10b	A/D 17x10/12b	A/D 16x10b	A/D 16x10b
Supplier Device Package	100-TQFP (12x12)	64-TQFP (10x10)	64-TQFP (10x10)	100-TQFP (12x12)
Peripherals	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	DMA, LCD, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Base Product Number	PIC24FJ64GC010	PIC24FJ64GL306	PIC24FJ64GB106	PIC24FJ64GB110
Number of I/O	85	52	51	83
Speed	32MHz	32MHz	32MHz	32MHz
EEPROM Size	-	-	-	-
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, SPI, UART/USART	I²C, SPI, UART/USART, USB OTG	I²C, SPI, UART/USART, USB OTG
Series	PIC® XLP™ 24F	Automotive, AEC-Q100, PIC® 24F	PIC® 24F	PIC® 24F
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

PIC24FJ64GC010-I/PT Datasheet PDF

Download PIC24FJ64GC010-I/PT pdf datasheets and Microchip Technology documentation for PIC24FJ64GC010-I/PT - Microchip Technology.

PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin

Qualification Lead-Frame Paddle

HTML Datasheet



PIC24FJ(128,256)(DAx,GB2) Program Spec.pdf



PIC24FJ128GC010 Family Datasheet.pdf

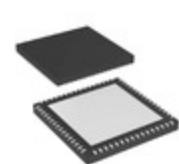
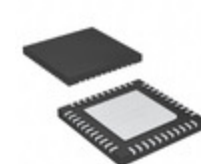
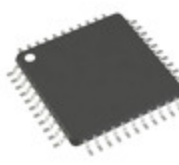
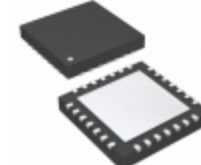
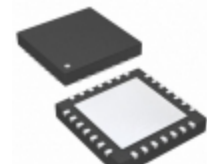
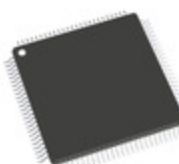
PCN Design/Specification



PIC24FJ128GC0xx Errata Datasheet Update 01/Oct/2014.pdf

Customers Also Interested in

Recommended Products

**PIC24FJ64GL306-I/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP**PIC24FJ64GB106-I/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP**PIC24FJ64GB110-I/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP**PIC24FJ64GL306-E/MR**Microchip Technology
IC MCU 16BIT 64KB FLASH 64QFN**PIC24FJ64GB004-I/ML**Microchip Technology
IC MCU 16BIT 64KB FLASH 44QFN**PIC24FJ64GB002-I/SS**Microchip Technology
IC MCU 16BIT 64KB FLASH 28SSOP**PIC24FJ64GU205-E/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 48TQFP**PIC24FJ96GA010-I/PT**Microchip Technology
IC MCU 16BIT 96KB FLASH 100TQFP**PIC24FV16KA301-E/SS**Microchip Technology
IC MCU 16BIT 16KB FLASH 20SSOP**PIC24FJ64GB004-I/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 44TQFP**PIC24FJ64GP202-I/ML**Microchip Technology
IC MCU 16BIT 64KB FLASH 28QFN**PIC24FV16KA301-I/SS**Microchip Technology
IC MCU 16BIT 16KB FLASH 20SSOP**PIC24FJ64GC006-I/PT**Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP**PIC24FJ64GB002-I/ML**Microchip Technology
IC MCU 16BIT 64KB FLASH 28QFN**PIC24FV08KM101-I/SO**Microchip Technology
IC MCU 16BIT 8KB FLASH 20SOIC**PIC24FJ64GB110-I/PF**Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP**PIC24FJ96GA006-I/PT**Microchip Technology
IC MCU 16BIT 96KB FLASH 64TQFP**PIC24FJ96GA008-I/PT**Microchip Technology
IC MCU 16BIT 96KB FLASH 80TQFP

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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