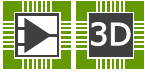





PIC24FJ64GB002-I/SO

Manufacturer Part Number	PIC24FJ64GB002-I/SO
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ64GB002-I/SO
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 64KB FLASH 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	16-bit Embedded Control Solutions.pdf PIC24FJ64GA,GB0 Programming Spec.pdf PIC24FJ64GB004 Family.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

PIC24FJ64GB002-I/SO - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ64GB002-I/SO datasheet/specifications on AllelcoElec.com.
Request a quote for PIC24FJ64GB002-I/SO, please send us email: info@allelco.com

Specifications


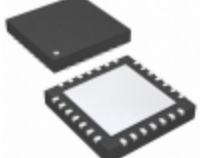

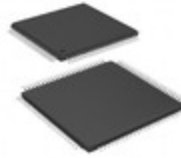
PIC24FJ64GB002-I/SO Tech Specifications

PIC24FJ64GB002-I/SO - 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	28-SOIC	Number of I/O	19
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 9x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (22K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I ² C, IrDA, SPI, UART/USART, USB OTG
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC24FJ64GB002
Package	Tube		

Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology PIC24FJ64GB002-I/SO

Product Attribute				
Part Number	PIC24FJ64GB002-I/SO	PIC24FJ64GB002-I/ML	PIC24FJ64GA702-I/SS	PIC24FJ64GB110-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 9x10b	A/D 9x10b	A/D 10x12b	A/D 16x10b
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® 24F	PIC® 24F
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Number of I/O	19	19	22	83
Supplier Device Package	28-SOIC	28-QFN (6x6)	28-SSOP	100-TQFP (12x12)
Package	Tube	Tube	Tube	Tray
Core Processor	PIC	PIC	PIC	PIC
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory Size	64KB (22K x 24)	64KB (22K x 24)	64KB (22K x 24)	64KB (22K x 24)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC24FJ64GB002	PIC24FJ64GB002	PIC24FJ64GA702	PIC24FJ64GB110
Speed	32MHz	32MHz	32MHz	32MHz
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-VQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)	100-TQFP
Connectivity	I ² C, IrDA, SPI, UART/USART, USB OTG	I ² C, IrDA, SPI, UART/USART, USB OTG	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, SPI, UART/USART, USB OTG
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	8K x 8	8K x 8	16K x 8	16K x 8
EEPROM Size	-	-	-	-

PIC24FJ64GB002-I/SO Datasheet PDF


Download PIC24FJ64GB002-I/SO pdf datasheets and Microchip Technology documentation for PIC24FJ64GB002-I/SO - Microchip Technology.

Datasheets

 PIC24FJ64GB004 Family.pdf

PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf

HTML Datasheet

 16-bit Embedded Control Solutions.pdf

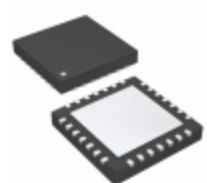
 PIC24FJ64GA,GB0 Programming Spec.pdf

PCN Assembly/Origin

 SOIC-28L Palladium Coated Copper
29/Aug/2013.pdf

Customers Also Interested in

Recommended Products



PIC24FJ64GB002-I/ML
Microchip Technology
IC MCU 16BIT 64KB FLASH 28QFN



PIC24FJ64GA702-I/SS
Microchip Technology
IC MCU 16BIT 64KB FLASH 28SSOP



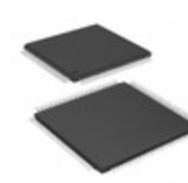
PIC24FJ64GB110-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP



PIC24FJ64GA306-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



PIC24FJ64GB002-I/SS
Microchip Technology
IC MCU 16BIT 64KB FLASH 28SSOP



PIC24FJ64GA310-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP



PIC24FJ64GA702-I/SO
Microchip Technology
IC MCU 16BIT 64KB FLASH 28SOIC



PIC24FJ64GB106-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



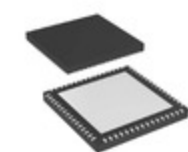
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Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP



PIC24FJ64GA702-E/SO
Microchip Technology
IC MCU 16BIT 64KB FLASH 28SOIC



PIC24FJ64GC006-I/PT
Microchip Technology
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PIC24FJ64GL306-E/MR
Microchip Technology
IC MCU 16BIT 64KB FLASH 64QFN



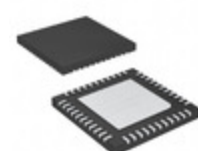
PIC24FJ64GA306T-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



PIC24FJ64GL306-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



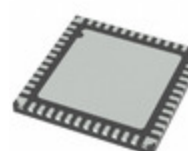
PIC24FJ64GB110-I/PF
Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP



PIC24FJ64GB004-I/ML
Microchip Technology
IC MCU 16BIT 64KB FLASH 44QFN



PIC24FJ64GB004-I/PT
Microchip Technology
IC MCU 16BIT 64KB FLASH 44TQFP



PIC24FJ64GA705-I/M4
Microchip Technology
IC MCU 16BIT 64KB FLASH 48UQFN

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

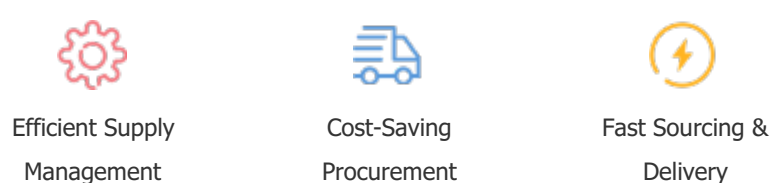
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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