



PIC24EP64GP202-I/SO

Manufacturer Part Number	PIC24EP64GP202-I/SO
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24EP64GP202-I/SO
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 64KB FLASH 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x Datasheet.pdf dsPIC33E,PIC24E Programming Spec.pdf
RoHS Status	ROHS3 Compliant



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PIC24EP64GP202-I/SO - Microchip Technology.New Original in Stock. Download Linear Technology PIC24EP64GP202-I/SO datasheet/specifications on AllelcoElec.com.
Request a quote for PIC24EP64GP202-I/SO, please send us email: info@allelco.com

Specifications

PIC24EP64GP202-I/SO Tech Specifications

PIC24EP64GP202-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)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SOIC	Number of I/O	21
Speed	70 MIPS	Mounting Type	Surface Mount
Series	PIC® 24EP	EEPROM Size	-
RAM Size	4K x 16	Data Converters	A/D 6x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (22K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC24EP64GP202
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24EP64GP202-I/SO

Product Attribute				
Part Number	PIC24EP64GP202-I/SO	PIC24EP64GP204-I/PT	PIC24EP512GP206-I/PT	PIC24EP64GP206-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® 24EP	PIC® 24EP	PIC® 24EP	PIC® 24EP
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	28-SOIC	44-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Core Processor	PIC	PIC	PIC	PIC
Package / Case	28-SOIC (0.295", 7.50mm Width)	44-TQFP	64-TQFP	64-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	4K x 16	4K x 16	24K x 16	4K x 16
Number of I/O	21	35	53	53
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory Size	64KB (22K x 24)	64KB (22K x 24)	512KB (170K x 24)	64KB (22K x 24)
Package	Tube	Tray	Tray	Tray
Base Product Number	PIC24EP64GP202	PIC24EP64GP204	PIC24EP512GP206	PIC24EP64GP206
Data Converters	A/D 6x10b/12b	A/D 9x10b/12b	A/D 16x10b/12b	A/D 16x10b/12b
Speed	70 MIPS	70 MIPS	70 MIPS	70 MIPS
EEPROM Size	-	-	-	-

PIC24EP64GP202-I/SO Datasheet PDF

Download PIC24EP64GP202-I/SO pdf datasheets and Microchip Technology documentation for PIC24EP64GP202-I/SO - Microchip Technology.

Datasheets

[dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Datasheet.pdf](#)

[dsPIC33E,PIC24E Programming Spec.pdf](#)

PCN Packaging

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

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

PCN Design/Specification

 dsPIC33EP/PIC24EP 18/Jun/2020.pdf





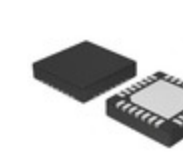
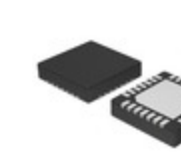

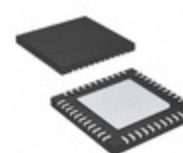
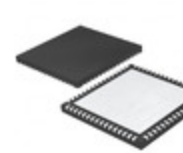

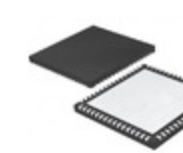
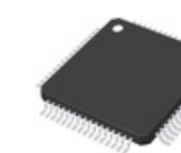
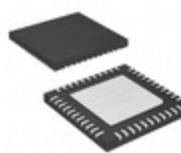


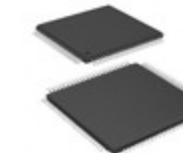
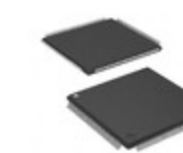
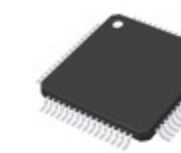
 Errata/Datasheet Update 23/Dec/2014.pdf

PCN Assembly/Origin

 Fabrication Site 09/Mar/2023.pdf

Customers Also Interested in

Recommended Products

 PIC24EP64GP204-I/PT Microchip Technology IC MCU 16BIT 64KB FLASH 44TQFP	 PIC24EP512GP206-I/PT Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP	 PIC24EP64GP206-I/PT Microchip Technology IC MCU 16BIT 64KB FLASH 64TQFP	 PIC24EP512GU810-I/PF Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	 PIC24EP64GP202-I/MM Microchip Technology IC MCU 16BIT 64KB FLASH 28QFN	 PIC24EP64GP202-I/MM Microchip Technology IC MCU 16BIT 64KB FLASH 28QFN
 PIC24EP512GU810-E/PF Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	 PIC24EP64GP204-I/ML Microchip Technology IC MCU 16BIT 64KB FLASH 44QFN	 PIC24EP64GP206-I/MR Microchip Technology IC MCU 16BIT 64KB FLASH 64VQFN	 PIC24EP512GU814-I/PH Microchip Technology IC MCU 16BIT 512KB FLASH 144TQFP	 PIC24EP64MC206-I/MR Microchip Technology IC MCU 16BIT 64KB FLASH 64VQFN	 PIC24EP512MC206-I/PT Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP
 PIC24EP64MC204-I/ML Microchip Technology IC MCU 16BIT 64KB FLASH 44QFN	 PIC24EP64GP202-I/SS Microchip Technology IC MCU 16BIT 64KB FLASH 28SSOP	 PIC24EP64GP206-E/PT Microchip Technology IC MCU 16BIT 64KB FLASH 64TQFP	 PIC24EP512GU810-I/PT Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	 PIC24EP512GU814-I/PL Microchip Technology IC MCU 16BIT 512KB FLASH 144LQFP	 PIC24EP512GP806-E/PT Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP

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 -

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Contact us if you have any questions.

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