

Image may be representation.
See specifications for product details.



PIC24EP256GP202-I/MM

Manufacturer Part Number	PIC24EP256GP202-I/MM
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24EP256GP202-I/MM
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 256KB FLASH 28QFN
Package	28-VQFN Exposed Pad
Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24EP256GP202-I/MM - Microchip Technology. New Original in Stock. Download Linear Technology PIC24EP256GP202-I/MM datasheet/specifications on AllelcoElec.com.
Request a quote for PIC24EP256GP202-I/MM, please send us email: info@allelco.com

Specifications

PIC24EP256GP202-I/MM Tech Specifications

PIC24EP256GP202-I/MM - 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-QFN-S (6x6)	Number of I/O	21
Speed	70 MIPS	Mounting Type	Surface Mount
Series	PIC® 24EP	EEPROM Size	-
RAM Size	16K x 16	Data Converters	A/D 6x10b/12b
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, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC24EP256GP202
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24EP256GP202-I/MM

Product Attribute				
Part Number	PIC24EP256GP202-I/MM	PIC24EP256GP206-I/MR	PIC24EP256GP204-E/PT	PIC24EP128GP204-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	28-QFN-S (6x6)	64-VQFN (9x9)	44-TQFP (10x10)	44-TQFP (10x10)
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	-	-	-	-
Data Converters	A/D 6x10b/12b	A/D 16x10b/12b	A/D 9x10b/12b	A/D 9x10b/12b
Package	Tube	Tube	Tray	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	PIC® 24EP	PIC® 24EP	Automotive, AEC-Q100, PIC® 24EP	PIC® 24EP
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)	128KB (43K x 24)
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
Speed	70 MIPS	70 MIPS	60 MIPS	70 MIPS
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Package / Case	28-VQFN Exposed Pad	64-VQFN Exposed Pad	44-TQFP	44-TQFP
Base Product Number	PIC24EP256GP202	PIC24EP256GP206	PIC24EP256GP204	PIC24EP128GP204
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
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
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	21	53	35	35
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
RAM Size	16K x 16	16K x 16	16K x 16	8K x 16

PIC24EP256GP202-I/MM Datasheet PDF

Download PIC24EP256GP202-I/MM pdf datasheets and Microchip Technology documentation for PIC24EP256GP202-I/MM - Microchip Technology.

Datasheets

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

PCN Packaging

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

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

PCN Design/Specification

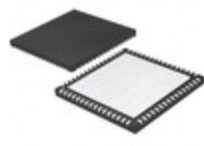








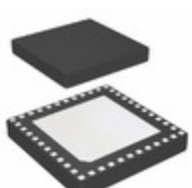

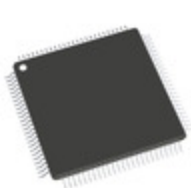

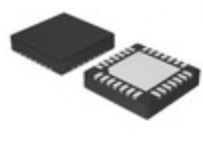


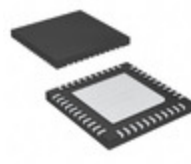

 dsPIC33EP/PIC24EP 18/Jun/2020.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
PIC24EP256GP206-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN	PIC24AA04-I/SN Micrel / Microchip Technology	PIC24EP256GP204-E/PT Microchip Technology IC MCU 16BIT 256KB FLASH 44TQFP	PIC24EP128GP204-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	PIC24EP128GP202-I/SO Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	PIC24EP256GP206-E/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP
					
PIC24EP256GP204-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 44TQFP	PIC24EP128GP202-E/MM Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN	PIC24EP128GP206-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	PIC24EP256GP204-I/TL Microchip Technology IC MCU 16BIT 256KB FLASH 44VTLA	PIC24EP256GP202-I/SO Microchip Technology IC MCU 16BIT 256KB FLASH 28SOIC	PIC24EP256GU810-E/PF Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP
					
PIC24AA1025-I/SM Micrel / Microchip Technology	PIC24EP128GP202-I/MM Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN	PIC24EP256GP206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC23S17E Pericom Semiconductor Corp. (Diodes Incorporated)	PIC24EP256GP204-I/ML Microchip Technology IC MCU 16BIT 256KB FLASH 44QFN	PIC24EP128GP204-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP

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

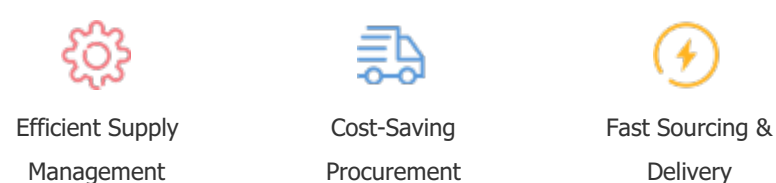
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

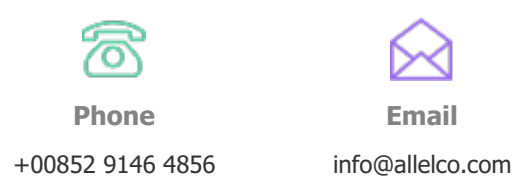
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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