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See specifications for product details.



PIC24EP32GP204-I/ML

Manufacturer Part Number	PIC24EP32GP204-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24EP32GP204-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 44QFN
Package	44-VQFN Exposed Pad
Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24EP32GP204-I/ML - Microchip Technology.New Original in Stock. Download Linear Technology PIC24EP32GP204-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC24EP32GP204-I/ML, please send us email: info@allelco.com

Specifications

PIC24EP32GP204-I/ML Tech Specifications
PIC24EP32GP204-I/ML - 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	44-QFN (8x8)	Number of I/O	35
Speed	70 MIPS	Mounting Type	Surface Mount
Series	PIC® 24EP	EEPROM Size	-
RAM Size	2K x 16	Data Converters	A/D 9x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (10.7K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	44-VQFN Exposed Pad	Base Product Number	PIC24EP32GP204
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24EP32GP204-I/ML

Product Attribute				
Part Number	PIC24EP32GP204-I/ML	PIC24EP512GU810-E/PF	PIC24EP512GP806-E/PT	PIC24EP256GU814-I/PH
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC24EP32GP204	PIC24EP512GU810	PIC24EP512GP806	PIC24EP256GU814
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG	CANbus, I²C, IrDA, LINbus, SPI, UART/USART	CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG
Core Processor	PIC	PIC	PIC	PIC
Program Memory Size	32KB (10.7K x 24)	512KB (170K x 24)	512KB (170K x 24)	256KB (85.5K x 24)
Package	Tube	Tray	Tray	Tray
Supplier Device Package	44-QFN (8x8)	100-TQFP (14x14)	64-TQFP (10x10)	144-TQFP (16x16)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	PIC® 24EP	Automotive, AEC-Q100, PIC® 24EP	Automotive, AEC-Q100, PIC® 24EP	PIC® 24EP
Number of I/O	35	83	53	122
Speed	70 MIPS	60 MIPS	60 MIPS	60 MIPS
RAM Size	2K x 16	24K x 16	24K x 16	12K x 16
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 9x10b/12b	A/D 32x10b/12b	A/D 24x10/12b	A/D 32x10b/12b
Package / Case	44-VQFN Exposed Pad	100-TQFP	64-TQFP	144-TQFP
EEPROM Size	-	-	-	-
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
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V

PIC24EP32GP204-I/ML Datasheet PDF


Download PIC24EP32GP204-I/ML pdf datasheets and Microchip Technology documentation for PIC24EP32GP204-I/ML - 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

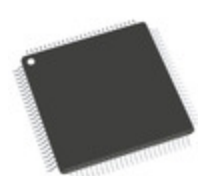
 dsPIC33EP/PIC24EP 18/Jun/2020.pdf

PCN Assembly/Origin

 Fabrication Site 09/Mar/2023.pdf

Customers Also Interested in

Recommended Products



PIC24EP512GU810-E/PF

Microchip Technology
IC MCU 16BIT 512KB FLASH
100TQFP



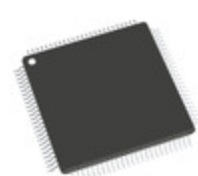
PIC24EP512GP806-E/PT

Microchip Technology
IC MCU 16BIT 512KB FLASH 64TQFP



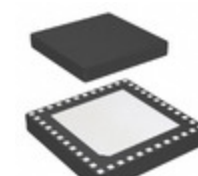
PIC24EP256GU814-I/PH

Microchip Technology
IC MCU 16BIT 256KB FLASH
144TQFP



PIC24EP512GU810-I/PF

Microchip Technology
IC MCU 16BIT 512KB FLASH
100TQFP



PIC24EP256MC204-I/TL

Microchip Technology
IC MCU 16BIT 256KB FLASH 44VTLA



PIC24EP512GP206-E/PT

Microchip Technology
IC MCU 16BIT 512KB FLASH 64TQFP



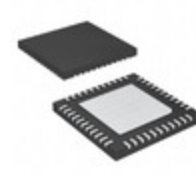
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Microchip Technology
IC MCU 16BIT 256KB FLASH 64TQFP



PIC24EP512GP206-I/PT

Microchip Technology
IC MCU 16BIT 512KB FLASH 64TQFP



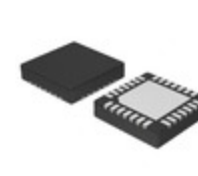
PIC24EP512GP204T-I/ML

Microchip Technology
IC MCU 16BIT 512KB FLASH 44QFN



PIC24EP256MC204-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 44TQFP



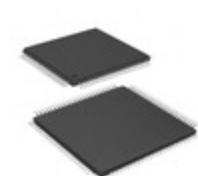
PIC24EP32GP202-E/MM

Microchip Technology
IC MCU 16BIT 32KB FLASH 28QFN



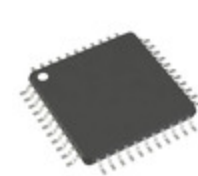
PIC24EP256MC202-I/SO

Microchip Technology
IC MCU 16BIT 256KB FLASH 28SOIC



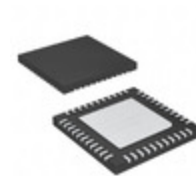
PIC24EP256GU810-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH
100TQFP



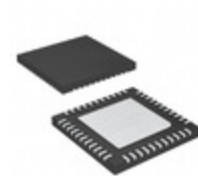
PIC24EP32GP204-I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



PIC24EP32MC204-I/ML

Microchip Technology
IC MCU 16BIT 32KB FLASH 44QFN



PIC24EP512GP204-I/ML

Microchip Technology
IC MCU 16BIT 512KB FLASH 44QFN



PIC24EP32GP202-I/SS

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IC MCU 16BIT 32KB FLASH 28SSOP



PIC24EP32MC202-E/SS

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SSOP

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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