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See specifications for product details.



PIC24HJ32GP304T-I/PT

Manufacturer Part Number	PIC24HJ32GP304T-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24HJ32GP304T-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 44TQFP
Package	44-TQFP
Data sheet	16-bit Embedded Control Solutions.pdf 16-bit Embedded Control Solutions.pdf DSPIC33F, PIC24H Flash Programming Specification.pdf PIC24HJ(32,64,128)GPzzz Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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Specifications

PIC24HJ32GP304T-I/PT Tech Specifications
PIC24HJ32GP304T-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)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	35
Speed	40 MIPS	Mounting Type	Surface Mount
Series	PIC® 24H	EEPROM Size	-
RAM Size	4K x 8	Data Converters	A/D 13x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (11K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, PMP, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC24HJ32GP304
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24HJ32GP304T-I/PT

Product Attribute				
Part Number	PIC24HJ32GP304T-I/PT	PIC24HJ64GP210-I/PF	PIC24HJ64GP206A-I/PT	PIC24HJ64GP204-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
RAM Size	4K x 8	8K x 8	8K x 8	8K x 8
Supplier Device Package	44-TQFP (10x10)	100-TQFP (14x14)	64-TQFP (10x10)	44-QFN (8x8)
Core Processor	PIC	PIC	PIC	PIC
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
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
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	PIC24HJ32GP304	PIC24HJ64GP210	PIC24HJ64	PIC24HJ64
Package / Case	44-TQFP	100-TQFP	64-TQFP	44-VQFN Exposed Pad
Package	Tape & Reel (TR)	Tray	Tray	Tube
Program Memory Size	32KB (11K x 24)	64KB (22K x 24)	64KB (22K x 24)	64KB (22K x 24)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Data Converters	A/D 13x10b/12b	A/D 32x10b/12b	A/D 18x10b/12b	A/D 13x10b/12b
EEPROM Size	-	-	-	-
Series	PIC® 24H	PIC® 24H	PIC® 24H	PIC® 24H
Speed	40 MIPS	40 MIPS	40 MIPS	40 MIPS
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Connectivity	I²C, PMP, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, PMP, SPI, UART/USART
Number of I/O	35	85	53	35

PIC24HJ32GP304T-I/PT Datasheet PDF

Download PIC24HJ32GP304T-I/PT pdf datasheets and Microchip Technology documentation for PIC24HJ32GP304T-I/PT - Microchip Technology.

Datasheets

[16-bit Embedded Control Solutions.pdf](#)

[DSPIC33F, PIC24H Flash Programming Specification.pdf](#)

[PIC24HJ\(32,64,128\)GPzzz Datasheet.pdf](#)

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet



16-bit Embedded Control Solutions.pdf

PCN Assembly/Origin



Qualification Lead-Frame 03/Jun/2014.pdf

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Recommended Products



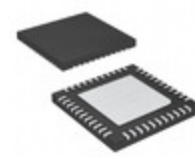
PIC24HJ64GP210-I/PF

Microchip Technology
IC MCU 16BIT 64KB FLASH 100TQFP



PIC24HJ64GP206A-I/PT

Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



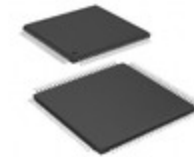
PIC24HJ64GP204-I/ML

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IC MCU 16BIT 64KB FLASH 44QFN



PIC24HJ64GP206A-E/PT

Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



PIC24HJ256GP610-I/PT

Microchip Technology
IC MCU 16BIT 256KB FLASH 100TQFP



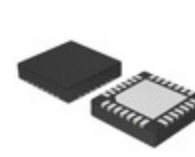
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Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



PIC24HJ32GP304-E/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



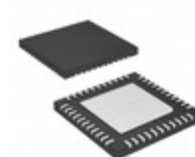
PIC24HJ64GP202-I/MM

Microchip Technology
IC MCU 16BIT 64KB FLASH 28QFN



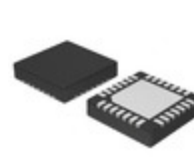
PIC24HJ64GP202-I/SP

Microchip Technology
IC MCU 16BIT 64KB FLASH 28SPDIP



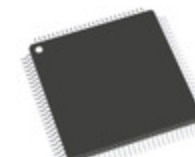
PIC24HJ64GP204T-I/ML

Microchip Technology
IC MCU 16BIT 64KB FLASH 44QFN



PIC24HJ64GP202-E/MM

Microchip Technology
IC MCU 16BIT 64KB FLASH 28QFN



PIC24HJ256GP610A-I/PF

Microchip Technology
IC MCU 16BIT 256KB FLASH 100TQFP



PIC24HJ32GP202-I/SP

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SPDIP



PIC24HJ32GP304-I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



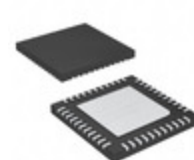
PIC24HJ32GP204-I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



PIC24HJ32GP302-I/SP

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SPDIP



PIC24HJ32GP204-I/ML

Microchip Technology
IC MCU 16BIT 32KB FLASH 44QFN



PIC24HJ32GP202-I/SO

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SOIC

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 Alleco 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@alleco.com

Certifications & Memberships



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