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See specifications for product details.



PIC24F32KA304T-I/PT

Manufacturer Part Number	PIC24F32KA304T-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24F32KA304T-I/PT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 44TQFP
Package	44-TQFP
Data sheet	Cylindrical Battery Holders.pdf PIC24FV32KA304 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC24F32KA304T-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC24F32KA304T-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC24F32KA304T-I/PT, please send us email: info@allelco.com

Specifications

PIC24F32KA304T-I/PT Tech Specifications
PIC24F32KA304T-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)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	39
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	512 x 8
RAM Size	2K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (11K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC24F32KA304
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24F32KA304T-I/PT

Product Attribute				
Part Number	PIC24F32KA304T-I/PT	PIC24F32KA304T-I/ML	PIC24FJ1024GB610-I/PT	PIC24F32KA304-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	39	39	85	39
Base Product Number	PIC24F32KA304	PIC24F32KA304	PIC24FJ1024GB610	PIC24F32KA304
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG	I ² C, IrDA, LINbus, SPI, UART/USART
Program Memory Size	32KB (11K x 24)	32KB (11K x 24)	1MB (341.5K x 24)	32KB (11K x 24)
Package / Case	44-TQFP	44-QFN Exposed Pad	100-TQFP	44-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	44-TQFP (10x10)	44-QFN (8x8)	100-TQFP (12x12)	44-TQFP (10x10)
EEPROM Size	512 x 8	512 x 8	-	512 x 8
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tray
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	2V ~ 3.6V	1.8V ~ 3.6V
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Data Converters	A/D 16x12b	A/D 16x12b	A/D 24x10/12b	A/D 16x12b
Speed	32MHz	32MHz	32MHz	32MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® 24F	PIC® XLP™ 24F
RAM Size	2K x 8	2K x 8	32K x 8	2K x 8

PIC24F32KA304T-I/PT Datasheet PDF

Download PIC24F32KA304T-I/PT pdf datasheets and Microchip Technology documentation for PIC24F32KA304T-I/PT - Microchip Technology.

Datasheets

PIC24FV32KA304 Family Datasheet.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

Reel Design Update 07/May/2015.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf

PCN Design/Specification

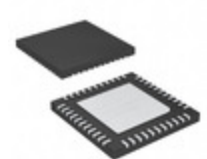
PIC24FV32KA304 13/Oct/2017.pdf

PCN Assembly/Origin

Qualification Copper Wire 10/Feb/2014.pdf

Customers Also Interested in

Recommended Products



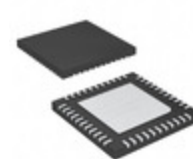
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Microchip Technology
IC MCU 16BIT 32KB FLASH 44QFN



PIC24FJ1024GB610-I/PT
Microchip Technology
IC MCU 16BIT 1MB FLASH 100TQFP



PIC24F32KA304-I/PT
Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



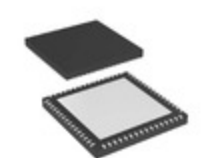
PIC24F32KA304-I/ML
Microchip Technology
IC MCU 16BIT 32KB FLASH 44QFN



PIC24F32KA302T-I/SS
Microchip Technology
IC MCU 16BIT 32KB FLASH 28SSOP



PIC24F32KA301-I/SS
Microchip Technology
IC MCU 16BIT 32KB FLASH 20SSOP



PIC24FJ1024GA606-I/MR
Microchip Technology
IC MCU 16BIT 1MB FLASH 64QFN



PIC24FJ1024GB610T-I/PT
Microchip Technology
IC MCU 16BIT 1MB FLASH 100TQFP



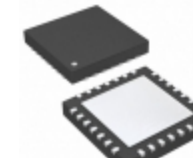
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Microchip Technology
IC MCU 16BIT 1MB FLASH 64TQFP



PIC24F64GA004-I/PT
Micrel / Microchip Technology



PIC24F32KA302-I/SO
Microchip Technology
IC MCU 16BIT 32KB FLASH 28SSOIC



PIC24F16KM202-I/ML
Microchip Technology
IC MCU 16BIT 16KB FLASH 28QFN



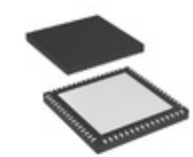
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IC MCU 16BIT 16KB FLASH 44TQFP



PIC24F32KA301T-I/SS
Microchip Technology
IC MCU 16BIT 32KB FLASH 20SSOP



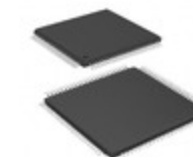
PIC24F32KA302-I/SS
Microchip Technology
IC MCU 16BIT 32KB FLASH 28SSOP



PIC24FJ1024GB606-I/MR
Microchip Technology
IC MCU 16BIT 1MB FLASH 64QFN



PIC24FJ1024GA606-I/PT
Microchip Technology
IC MCU 16BIT 1MB FLASH 64TQFP



PIC24FJ1024GA610-I/PT
Microchip Technology
IC MCU 16BIT 1MB FLASH 100TQFP

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



View More

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