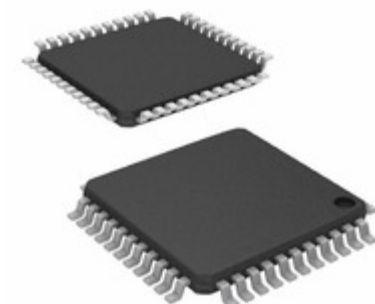


PIC24HJ32GP304-I/PT



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [PIC24HJ32GP304-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 44TQFP

Data sheet:  [DSPIC33F, PIC24H Flash Programming Specification](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24HJ\(32,64,128\)GPx\(02,04\) Errata & Datasheet Cl](#)  
 [PIC24HJ\(32,64,128\)GPzzz Datasheet](#)

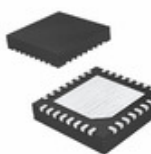
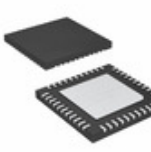
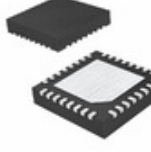
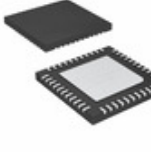
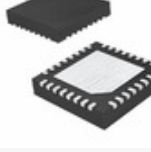
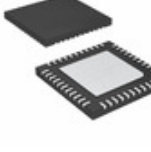
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                  |                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24HJ32GP304-I/PT                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 32KB FLASH 44TQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 27861 pcs                                  | Data sheet                       | <a href="#">DSPIC33F, PIC24H Flash Programming Specification</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24HJ(32,64,128)GPx(02,04) Errata &amp; Datasheet Cl</a><br><a href="#">PIC24HJ(32,64,128)GPzzz Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44-TQFP (10x10)                            | Speed                            | 40 MIPs                                                                                                                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC® 24H                                   | RAM Size                         | 4K x 8                                                                                                                                                                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size              | 32KB (11K x 24)                                                                                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44-TQFP                                    | Other Names                      | PIC24HJ32GP304IPT                                                                                                                                                                                                                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 35                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description             | PIC PIC® 24H Microcontroller IC 16-Bit 40 MIPs 32KB (11K x 24) FLASH 44-TQFP (10x10)                                                                                                                                                                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 13x10b/12b                             | Core Size                        | 16-Bit                                                                                                                                                                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC                                        | Connectivity                     | PC, PMP, SPI, UART/USART                                                                                                                                                                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC24HJ32GP304                             |                                  |                                                                                                                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24HJ32GP302T-I/SO</a><br>Description: IC MCU 16BIT 32KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP302-I/MM</a><br>Description: IC MCU 16BIT 32KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP304-E/ML</a><br>Description: IC MCU 16BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP202-I/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP304T-I/PT</a><br>Description: IC MCU 16BIT 32KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP304-E/PT</a><br>Description: IC MCU 16BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP302-I/SP</a><br>Description: IC MCU 16BIT 32KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP302-E/SP</a><br>Description: IC MCU 16BIT 32KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP302-I/SO</a><br>Description: IC MCU 16BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP202-E/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP202-E/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ64GP202T-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP304T-I/ML</a><br>Description: IC MCU 16BIT 32KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP202-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ64GP202T-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ32GP302-E/SO</a><br>Description: IC MCU 16BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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