

PIC24HJ12GP202-E/SP



Part Number: [PIC24HJ12GP202-E/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 12KB FLASH 28SDIP

Data sheet:  [PIC24HJ12GP20x Errata & Data Sheet Clarification](#)  
 [DSPIC33F, PIC24H Flash Programming](#)  
 [Specified Embedded Control Solutions](#)  
 [PIC24HJ12GP201,202](#)

RoHs Status: Lead free / RoHS Compliant

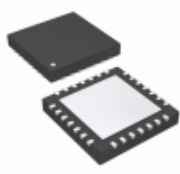
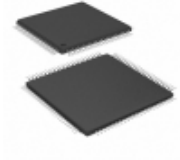
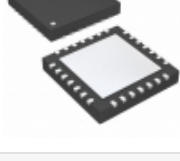
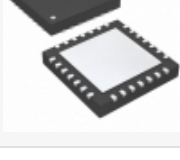
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                 |                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24HJ12GP202-E/SP                                                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 12KB FLASH 28SDIP                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29765 pcs                                                                    | Data sheet                      | <a href="#">PIC24HJ12GP20x Errata &amp; Data Sheet Clarification</a><br><a href="#">DSPIC33F, PIC24H Flash Programming Specification</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24HJ12GP201,202</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 3.6 V                                                                                                                                                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28-SPDIP                                                                     | Speed                           | 40 MIPs                                                                                                                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC® 24H                                                                     | RAM Size                        | 1K x 8                                                                                                                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                                                        | Program Memory Size             | 12KB (4K x 24)                                                                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, POR, PWM, WDT                                        | Packaging                       | Tube                                                                                                                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28-DIP (0.300", 7.62mm)                                                      | Oscillator Type                 | Internal                                                                                                                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C (TA)                                                           | Number of I/O                   | 21                                                                                                                                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                                                | Manufacturer Standard Lead Time | 6 Weeks                                                                                                                                                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                   | EEPROM Size                     | -                                                                                                                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC PIC® 24H Microcontroller IC 16-Bit 40 MIPs 12KB (4K x 24) FLASH 28-SPDIP | Data Converters                 | A/D 10x10b/12b                                                                                                                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16-Bit                                                                       | Core Processor                  | PIC                                                                                                                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I²C, SPI, UART/USART                                                         | Base Part Number                | PIC24HJ12GP202                                                                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 29765 pieces of Micrel / Microchip Technology PIC24HJ12GP202-E/SP in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                              |                                 |                                                                                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24HJ12GP202-I/ML</a><br>Description: IC MCU 16BIT 12KB FLASH 28QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202-E/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 28SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ128GP510AT-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202-I/SP</a><br>Description: IC MCU 16BIT 12KB FLASH 28SDIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ12GP201-I/P</a><br>Description: IC MCU 16BIT 12KB FLASH 18DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP201-E/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 18SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202T-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ16GP304-E/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP201-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 18SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202-E/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 28SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ128GP510T-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202-E/ML</a><br>Description: IC MCU 16BIT 12KB FLASH 28QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202-I/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 28SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ16GP304-E/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP202T-I/ML</a><br>Description: IC MCU 16BIT 12KB FLASH 28QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ128GP510T-I/PF</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ12GP201-E/P</a><br>Description: IC MCU 16BIT 12KB FLASH 18DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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|---------------------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------------------|
| Related keywords for PIC24HJ12GP202-E/SP          |                                                   |                                          |                                                               |
| Micrel / Microchip Technology PIC24HJ12GP202-E/SP | PIC24HJ12GP202-E/SP distributor                   | PIC24HJ12GP202-E/SP supplier             | PIC24HJ12GP202-E/SP price                                     |
|                                                   | PIC24HJ12GP202-E/SP download datasheet            | PIC24HJ12GP202-E/SP datasheet            | PIC24HJ12GP202-E/SP stock                                     |
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