

PIC12F1501-E/SN



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See Product Specifications for product details.  
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Part Number:

PIC12F1501-E/SN

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 8BIT 1.75KB FLASH 8SOIC

Data sheet:

 [New Peripherals Tips N' Tricks](#)

 [PIC12\(L\)F1501 Errata & Datasheet Clarification](#)

 [PIC12\(L\)F1501](#)

 [PIC12\(L\)F1501, PIC16\(L\)F150x Brief](#)

 [Configurable Logic Cell Tip N' Tricks](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

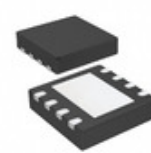
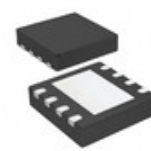
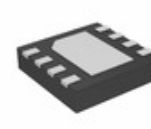
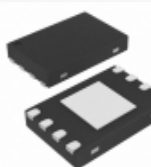
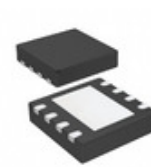
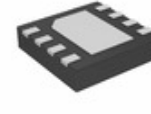
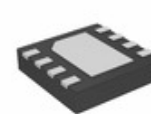
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Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                           |                                 |                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC12F1501-E/SN                                                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 1.75KB FLASH 8SOIC                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 87494 pcs                                                                 | Data sheet                      | <a href="#">New Peripherals Tips N' Tricks</a><br><a href="#">PIC12(L)F1501 Errata &amp; Datasheet Clarification</a><br><a href="#">PIC12(L)F1501</a><br><a href="#">PIC12(L)F1501, PIC16(L)F150x Brief</a><br><a href="#">Configurable Logic Cell Tip N' Tricks</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-SOIC                                                                    | Speed                           | 20MHz                                                                                                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 12F                                                                  | RAM Size                        | 64 x 8                                                                                                                                                                                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                     | Program Memory Size             | 1.75KB (1K x 14)                                                                                                                                                                                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                                     | Packaging                       | Tube                                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-SOIC (0.154", 3.90mm Width)                                             | Oscillator Type                 | Internal                                                                                                                                                                                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                                                        | Number of I/O                   | 5                                                                                                                                                                                                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                                                             | Manufacturer Standard Lead Time | 9 Weeks                                                                                                                                                                                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                | EEPROM Size                     | -                                                                                                                                                                                                                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® 12F Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) FLASH 8-SOIC | Data Converters                 | A/D 4x10b                                                                                                                                                                                                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                     | Core Processor                  | PIC                                                                                                                                                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                         | Base Part Number                | PIC12F1501                                                                                                                                                                                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 87494 pieces of Micrel / Microchip Technology PIC12F1501-E/SN 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="#">PIC12F1501-I/MC</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501T-I/MC</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE674-04I/P</a><br>Description: IC MCU 8BIT 3.5KB OTP 8DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE674-10I/P</a><br>Description: IC MCU 8BIT 3.5KB OTP 8DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501T-I/MF</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501T-I/MU</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8UDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC12F1501-I/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC12F1501T-I/MS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8MSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501-I/MS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE674/JW</a><br>Description: IC MCU 8BIT 3.5KB EPROM 8CDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501-E/MS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501-I/MF</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE674-04E/P</a><br>Description: IC MCU 8BIT 3.5KB OTP 8DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1501-I/SN</a><br>Description: IC MCU 8BIT 1.75KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC12F1501-E/SN

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