

PIC12CE519-04/P



**Part Number:** [PIC12CE519-04/P](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 1.5KB OTP 8DIP

**Data sheet:**  [PIC12C5xx Data Sheet Errata](#)  
 [Tips N Tricks Guide](#)  
 [PIC12CE518, 519 Rev B Errata](#)  
 [PIC12C5xx](#)  
 [PICmicro™ Reference Manual](#)  
 [MPLAB® ICE2000 Spec](#)

**RoHs Status:** Lead free / RoHS Compliant

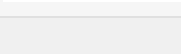
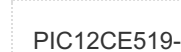
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                  |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC12CE519-04/P                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 1.5KB OTP 8DIP                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 83701 pcs                                                             | Data sheet                       | <a href="#">PIC12C5xx Data Sheet Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC12CE518, 519 Rev B Errata</a><br><a href="#">PIC12C5xx</a><br><a href="#">PICmicro™ Reference Manual</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-PDIP                                                                | Speed                            | 4MHz                                                                                                                                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 12C                                                              | RAM Size                         | 41 x 8                                                                                                                                                                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                                                   | Program Memory Size              | 1.5KB (1K x 12)                                                                                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                                              | Packaging                        | Tube                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-DIP (0.300", 7.62mm)                                                | Other Names                      | PIC12CE51904P                                                                                                                                                                                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                              | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5                                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                            | EEPROM Size                      | 16 x 8                                                                                                                                                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® 12C Microcontroller IC 8-Bit 4MHz 1.5KB (1K x 12) OTP 8-PDIP | Data Converters                  | -                                                                                                                                                                                                                                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                 | Core Processor                   | PIC                                                                                                                                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                     | Base Part Number                 | PIC12CE519                                                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC12CE519-04E/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 8DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518-04I/P</a><br>Description: IC MCU 8BIT 768B OTP 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519-04I/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 8DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518/JW</a><br>Description: IC MCU 8BIT 768B EPROM 8CDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519-04E/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519-04I/SN</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518T-04E/SM</a><br>Description: IC MCU 8BIT 768B OTP 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518T-04/SM</a><br>Description: IC MCU 8BIT 768B OTP 8SOIJ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519T-04/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518T-04I/SM</a><br>Description: IC MCU 8BIT 768B OTP 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519-04E/SN</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE519-04/SN</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12CE518T-04/SN</a><br>Description: IC MCU 8BIT 768B OTP 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
| Related keywords for PIC12CE519-04/P          |                                      |                                        |                       |
| Micrel / Microchip Technology PIC12CE519-04/P | PIC12CE519-04/P distributor          | PIC12CE519-04/P supplier               | PIC12CE519-04/P price |
| PIC12CE519-04/P download datasheet            | PIC12CE519-04/P datasheet            | PIC12CE519-04/P stock                  | buy PIC12CE519-04/P   |
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|                                               |                                      | PIC12CE519-04/P                        |                       |

