

PIC16C54-10E/P



**Part Number:** [PIC16C54-10E/P](#)

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

**Description:** IC MCU 8BIT 768B OTP 18DIP

**Data sheet:**  [Tips N Tricks Guide](#)  
 [PIC16C5x Data Sheet](#)  
 [MPLAB® ICE2000 Spec](#)

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

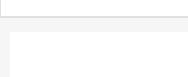
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC16C54-10E/P                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 768B OTP 18DIP                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5154 pcs                                  | Data sheet                     | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C5x Data Sheet</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18-PDIP                                   | Speed                          | 10MHz                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC® 16C                                  | RAM Size                       | 25 x 8                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | OTP                                       | Program Memory Size            | 768B (512 x 12)                                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | POR, WDT                                  | Packaging                      | Tube                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18-DIP (0.300", 7.62mm)                   | Oscillator Type                | External                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C (TA)                        | Number of I/O                  | 12                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Not Applicable                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Detailed Description           | PIC PIC® 16C Microcontroller IC 8-Bit 10MHz 768B (512 x 12) OTP 18-PDIP                                           |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Core Size                      | 8-Bit                                                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC                                       | Connectivity                   | -                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC16C54                                  |                                |                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5154 pieces of Micrel / Microchip Technology PIC16C54-10E/P 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> |                                           |                                |                                                                                                                   |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16C505T-20/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C505T-04I/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C505T-20I/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10I/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C505T-04/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC  | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16C505/JW</a><br>Description: IC MCU 8BIT 1.5KB EPROM 14CDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-HS/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10I/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-HS/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-HSE/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-HS/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10E/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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