

PIC16C54AT-04I/SO



**Part Number:** [PIC16C54AT-04I/SO](#)

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

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

**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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                        |                                 |                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16C54AT-04I/SO                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 768B OTP 18SOIC                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 34991 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-SOIC                                                                | Speed                           | 4MHz                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® 16C                                                               | RAM Size                        | 25 x 8                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | OTP                                                                    | Program Memory Size             | 768B (512 x 12)                                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | POR, WDT                                                               | Packaging                       | Tape & Reel (TR)                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18-SOIC (0.295", 7.50mm Width)                                         | Oscillator Type                 | External                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                      | Number of I/O                   | 12                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                          | Manufacturer Standard Lead Time | 5 Weeks                                                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                             | EEPROM Size                     | -                                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® 16C Microcontroller IC 8-Bit 4MHz 768B (512 x 12) OTP 18-SOIC | Data Converters                 | -                                                                                                                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                  | Core Processor                  | PIC                                                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                      | Base Part Number                | PIC16C54A                                                                                                         |
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