

PIC16LV54AT-02/SO



Part Number: [PIC16LV54AT-02/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 768B OTP 18SOIC

Data sheet:  [PIC16C5x Data Sheet](#)

RoHs Status: Lead free / RoHS Compliant

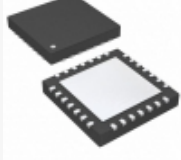
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LV54AT-02/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                                                                                                                                                                                                                                                                                                                                                                                                                        | 4311 pcs                                  | Data sheet                     | <a href="#">PIC16C5x Data Sheet</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2 V ~ 3.8 V                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 18-SOIC                                   | Speed                          | 2MHz                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C (TA)                           | Number of I/O                  | 12                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description           | PIC PIC® 16C Microcontroller IC 8-Bit 2MHz 768B (512 x 12) OTP 18-SOIC |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Core Size                      | 8-Bit                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                       | Connectivity                   | -                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC16LV54A                                |                                |                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16LV54AT-02/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LV54A-02/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC17C42A-16/PQ</a><br>Description: IC MCU 8BIT 4KB OTP 44MQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LV54A-02/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF88T-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LV54A-02/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LV54A-02I/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC17C42A-16/P</a><br>Description: IC MCU 8BIT 4KB OTP 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF88T-I/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LV54AT-02I/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC17C42A-16E/L</a><br>Description: IC MCU 8BIT 4KB OTP 44PLCC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC17C42A-16E/P</a><br>Description: IC MCU 8BIT 4KB OTP 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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