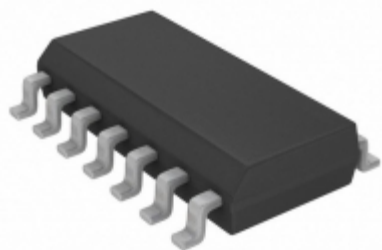


PIC16LC505T-04/SL





Part Number: [PIC16LC505T-04/SL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB OTP 14SOIC

Data sheet:  [PIC16C505 Revision A Errata](#)  
 [PIC16C505](#)

RoHs Status: Lead free / RoHS Compliant

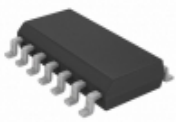
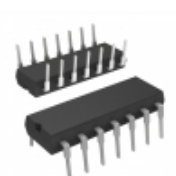
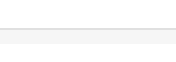
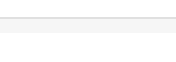
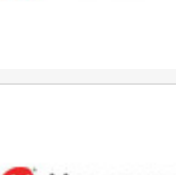
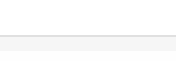
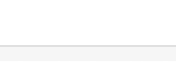
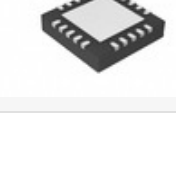
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LC505T-04/SL                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 1.5KB OTP 14SOIC                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 58435 pcs                                                              | Data sheet                      | <a href="#">PIC16C505 Revision A Errata</a><br><a href="#">PIC16C505</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage - Supply (Vcc/Vdd)      | 2.5 V ~ 5.5 V                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14-SOIC                                                                | Speed                           | 4MHz                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® 16C                                                               | RAM Size                        | 72 x 8                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | OTP                                                                    | Program Memory Size             | 1.5KB (1K x 12)                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | POR, WDT                                                               | Packaging                       | Tape & Reel (TR)                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14-SOIC (0.154", 3.90mm Width)                                         | Oscillator Type                 | External                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C (TA)                                                        | Number of I/O                   | 12                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                          | Manufacturer Standard Lead Time | 30 Weeks                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                             | EEPROM Size                     | -                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® 16C Microcontroller IC 8-Bit 4MHz 1.5KB (1K x 12) OTP 14-SOIC | Data Converters                 | -                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                  | Core Processor                  | PIC                                                                      |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                      | Base Part Number                | PIC16LC505                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 58435 pieces of Micrel / Microchip Technology PIC16LC505T-04/SL 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="#">PIC16LC505-04/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV785T-I/SO</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC505T-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="#">PIC16LC505-04I/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 14DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC505-04I/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04I/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV785T-I/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04E/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04I/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC432-I/P</a><br>Description: IC MCU 8BIT 3.5KB OTP 20DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04E/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04E/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV785-I/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV785T-I/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC54A-04I/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC505-04/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV785-I/SO</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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