

PIC16C505T-20/SL



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Part Number: [PIC16C505T-20/SL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB OTP 14SOIC

Data sheet:  [Tips N Tricks Guide](#)  
 [PIC16C505 Revision A Errata](#)  
 [PIC16C505](#)  
 [MPLAB® ICE2000 Spec](#)

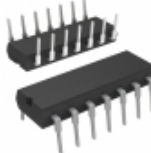
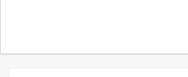
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                 |                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16C505T-20/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 62520 pcs                                                               | Data sheet                      | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C505 Revision A Errata</a><br><a href="#">PIC16C505</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14-SOIC                                                                 | Speed                           | 20MHz                                                                                                                                                  |
| 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                 | Internal                                                                                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C (TA)                                                         | Number of I/O                   | 11                                                                                                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                           | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                              | EEPROM Size                     | -                                                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 1.5KB (1K x 12) OTP 14-SOIC | Data Converters                 | -                                                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                   | Core Processor                  | PIC                                                                                                                                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                       | Base Part Number                | PIC16C505                                                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 62520 pieces of Micrel / Microchip Technology PIC16C505T-20/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="#">PIC16C505-20/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 14DIP     | 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> |
|  | Part#: <a href="#">PIC16C505-20/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC   | Manufacturers: <a href="#">Micrel / 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="#">PIC16C54-10I/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C505-20I/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 14DIP    | 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-04E/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-20E/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10E/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C505-20I/SL</a><br>Description: IC MCU 8BIT 1.5KB OTP 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C54-10E/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP      | 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/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC    | 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="#">PIC16C505-20E/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 14DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC16C505T-20/SL

|                                                |                                       |                                        |                        |
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| Micrel / Microchip Technology PIC16C505T-20/SL | PIC16C505T-20/SL distributor          | PIC16C505T-20/SL supplier              | PIC16C505T-20/SL price |
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