

PIC16C554-20E/SS



Part Number: [PIC16C554-20E/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 896B OTP 20SSOP

Data sheet:  [PIC16C55x](#)  
 [Tips N Tricks Guide](#)  
 [PIC16C55x\(A\) Revision A Errata](#)  
 [MPLAB® ICE2000 Spec](#)

RoHs Status: Lead free / RoHS Compliant

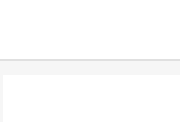
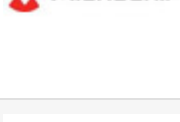
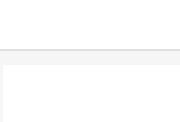
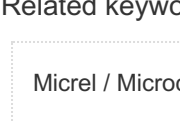
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16C554-20E/SS                          | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 896B OTP 20SSOP               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4914 pcs                                  | Data sheet                     | <a href="#">PIC16C55x</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C55x(A) Revision A Errata</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20-SSOP                                   | Speed                          | 20MHz                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16C                                  | RAM Size                       | 80 x 8                                                                                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                       | Program Memory Size            | 896B (512 x 14)                                                                                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                  | Packaging                      | Tube                                                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20-SSOP (0.209", 5.30mm Width)            | Oscillator Type                | External                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                        | Number of I/O                  | 13                                                                                                                                                        |
| 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 20MHz 896B (512 x 14) OTP 20-SSOP                                                                                   |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                      | 8-Bit                                                                                                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                       | Connectivity                   | -                                                                                                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC16C554                                 |                                |                                                                                                                                                           |
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|  | Part#: <a href="#">PIC16C554-20/P</a><br>Description: IC MCU 8BIT 896B OTP 18DIP     | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C554-04E/SO</a><br>Description: IC MCU 8BIT 896B OTP 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16C554/JW</a><br>Description: IC MCU 8BIT 896B EPROM 18CERDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for PIC16C554-20E/SS          |                                       |                                        |                        |
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