

PIC16C57CT-20I/SS



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**Part Number:** [PIC16C57CT-20I/SS](#)

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

**Description:** IC MCU 8BIT 3KB OTP 28SSOP

**Data sheet:**  [Tips N Tricks Guide](#)  
 [PIC16C54C, 55A, 56A, 57C, 58B Revision A](#)  
 [PIC16C5x Data Sheet](#)  
 [MPLAB® ICE2000 Spec](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16C57CT-20I/SS                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 3KB OTP 28SSOP                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4994 pcs                                  | Data sheet                     | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C54C, 55A, 56A, 57C, 58B Revision A Errata</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)     | 3 V ~ 5.5 V                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28-SSOP                                   | Speed                          | 20MHz                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 16C                                  | RAM Size                       | 72 x 8                                                                                                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                       | Program Memory Size            | 3KB (2K x 12)                                                                                                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POR, WDT                                  | Packaging                      | Tape & Reel (TR)                                                                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28-SSOP (0.209", 5.30mm Width)            | Oscillator Type                | External                                                                                                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of I/O                  | 20                                                                                                                                                                                   |
| 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 3KB (2K x 12) OTP 28-SSOP                                                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Core Size                      | 8-Bit                                                                                                                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                       | Connectivity                   | -                                                                                                                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC16C57C                                 |                                |                                                                                                                                                                                      |
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