

PIC16LC770T-E/SS



Part Number: [PIC16LC770T-E/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB OTP 20SSOP

Data sheet:  [PIC16C717, 770, 771](#)  
 [PIC16C717, 770, 771 Data Sheet Errata](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16LC770T-E/SS                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 3.5KB OTP 20SSOP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 26541 pcs                                 | Data sheet                       | <a href="#">PIC16C717, 770, 771</a><br><a href="#">PIC16C717, 770, 771 Data Sheet Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.5 V ~ 5.5 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-SSOP                                   | Speed                            | 20MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 16C                                  | RAM Size                         | 256 x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                       | Program Memory Size              | 3.5KB (2K x 14)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20-SSOP (0.209", 5.30mm Width)            | Other Names                      | PIC16LC770TE/SS                                                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) OTP 20-SSOP                      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 6x12b                                 | Core Size                        | 8-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                       | Connectivity                     | I²C, SPI                                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC16LC770                                |                                  |                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
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