

PIC16C715-20/SO



Part Number: [PIC16C715-20/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB OTP 18SOIC

Data sheet:  [PIC16C715 Data Sheet Errata](#)  
 [Tips N Tricks Guide](#)  
 [PIC16C71x](#)  
 [MPLAB® ICE2000 Spec](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16C715-20/SO                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 3.5KB OTP 18SOIC              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 29869 pcs                                 | Data sheet                       | <a href="#">PIC16C715 Data Sheet Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C71x</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 4 V ~ 5.5 V                                                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18-SOIC                                   | Speed                            | 20MHz                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16C                                  | RAM Size                         | 128 x 8                                                                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                       | Program Memory Size              | 3.5KB (2K x 14)                                                                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, WDT          | Packaging                        | Tube                                                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-SOIC (0.295", 7.50mm Width)            | Other Names                      | PIC16C71520SO                                                                                                                                          |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | External                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 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 18-SOIC                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 4x8b                                  | Core Size                        | 8-Bit                                                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                       | Connectivity                     | -                                                                                                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC16C715                                 |                                  |                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
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|  | Part#: <a href="#">PIC16C715-04/SO</a><br>Description: IC MCU 8BIT 3.5KB OTP 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C715-04/SS</a><br>Description: IC MCU 8BIT 3.5KB OTP 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16C715-20E/SS</a><br>Description: IC MCU 8BIT 3.5KB OTP 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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