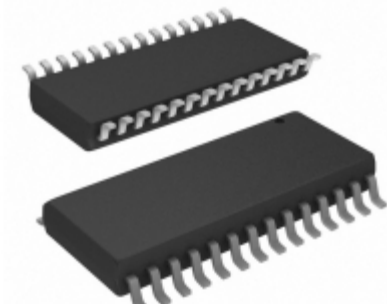


PIC16C63-10/SO



Images are for reference only.  
See Product Specifications for product details.  
Buy PIC16C63-10/SO with confidence from Component-World.HK, 1 Year Warranty



Part Number: [PIC16C63-10/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB OTP 28SOIC

Data sheet:  [PIC16C6x](#)  
 [Tips N Tricks Guide](#)  
 [SSP Module Errata](#)  
 [PIC16C63 Revision A Errata](#)  
 [MPLAB® ICE2000 Spec](#)

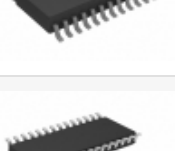
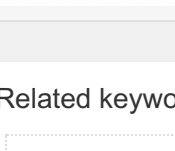
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                 |                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC16C63-10/SO                                                        | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 7KB OTP 28SOIC                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15457 pcs                                                             | Data sheet                      | <a href="#">PIC16C6x</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">SSP Module Errata</a><br><a href="#">PIC16C63 Revision A Errata</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 6 V                                                                                                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-SOIC                                                               | Speed                           | 10MHz                                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 16C                                                              | RAM Size                        | 192 x 8                                                                                                                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | OTP                                                                   | Program Memory Size             | 7KB (4K x 14)                                                                                                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT                                 | Packaging                       | Tube                                                                                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28-SOIC (0.295", 7.50mm Width)                                        | Oscillator Type                 | External                                                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0°C ~ 70°C (TA)                                                       | Number of I/O                   | 22                                                                                                                                                                                        |
| 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 10MHz 7KB (4K x 14) OTP 28-SOIC | Data Converters                 | -                                                                                                                                                                                         |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                 | Core Processor                  | PIC                                                                                                                                                                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I²C, SPI, UART/USART                                                  | Base Part Number                | PIC16C63                                                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16C63-04/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-04I/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C62BT-20I/SS</a><br>Description: IC MCU 8BIT 3.5KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-10/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-10I/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-10I/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-10E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20I/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20I/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C62BT-20I/ML</a><br>Description: IC MCU 8BIT 3.5KB OTP 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C62BT-20E/SS</a><br>Description: IC MCU 8BIT 3.5KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-04/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-04E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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