

PIC16LC63A-04I/SO





Part Number: [PIC16LC63A-04I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB OTP 28SOIC

Data sheet:  [PIC16C63A, 65B, 73B, 74B](#)  
 [PIC16C63A, 65B, 73B, 74B Data Sheet Errata](#)

RoHs Status: Lead free / RoHS Compliant

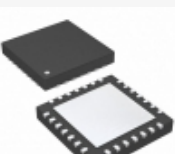
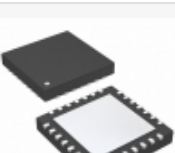
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LC63A-04I/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23372 pcs                                 | Data sheet                       | <a href="#">PIC16C63A, 65B, 73B, 74B</a><br><a href="#">PIC16C63A, 65B, 73B, 74B Data Sheet Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.5 V ~ 5.5 V                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SOIC                                   | Speed                            | 4MHz                                                                                                   |
| 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)            | Other Names                      | PIC16LC63A-04ISO-NDL                                                                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                          |
| 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 4MHz 7KB (4K x 14) OTP 28-SOIC                                   |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Core Size                        | 8-Bit                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                       | Connectivity                     | I²C, SPI, UART/USART                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC16LC63A                                |                                  |                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
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|  | Part#: <a href="#">PIC16LC63-04I/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC62BT-04I/SS</a><br>Description: IC MCU 8BIT 3.5KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC63AT-04I/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LC63A-04/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LC63A-04I/ML</a><br>Description: IC MCU 8BIT 7KB OTP 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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