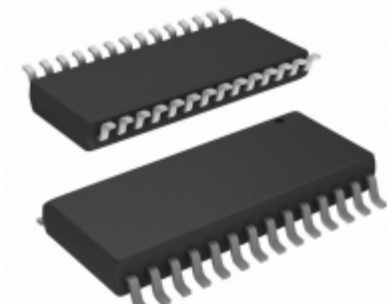


PIC16C63A-04I/SO



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [PIC16C63A-04I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB OTP 28SOIC

Data sheet:  [PIC16C63A, 65B, 73B, 74B](#)  
 [Tips N Tricks Guide](#)  
 [PIC16C63A, 65B, 73B, 74B Rev A Errata](#)  
 [PIC16C63A, 65B, 73B, 74B Data Sheet Errata](#)  
 [PIC16C63A Rev A Silicon Errata](#)  
 [MPLAB® ICE2000 Spec](#)

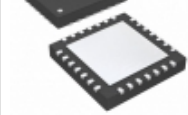
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16C63A-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25810 pcs                                 | Data sheet                       | <a href="#">PIC16C63A, 65B, 73B, 74B</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C63A, 65B, 73B, 74B Rev A Errata</a><br><a href="#">PIC16C63A, 65B, 73B, 74B Data Sheet Errata</a><br><a href="#">PIC16C63A Rev A Silicon Errata</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 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                      | PIC16C63A04ISO                                                                                                                                                                                                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | External                                  | Operating Temperature            | -40°C ~ 85°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 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC16C63A                                 |                                  |                                                                                                                                                                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16C63A-04I/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20/SS</a><br>Description: IC MCU 8BIT 7KB OTP 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20E/SS</a><br>Description: IC MCU 8BIT 7KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63/JW</a><br>Description: IC MCU 8BIT 7KB EPROM 28CDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04/SS</a><br>Description: IC MCU 8BIT 7KB OTP 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63-20I/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04E/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-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="#">PIC16C63A-20E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04E/SS</a><br>Description: IC MCU 8BIT 7KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20I/ML</a><br>Description: IC MCU 8BIT 7KB OTP 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-20E/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04I/SS</a><br>Description: IC MCU 8BIT 7KB OTP 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04E/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C63A-04/SP</a><br>Description: IC MCU 8BIT 7KB OTP 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                                |                                       |                                        |                        |
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