

PIC16C63AT-20I/ML



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**Part Number:** [PIC16C63AT-20I/ML](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 7KB OTP 28QFN

**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](#)

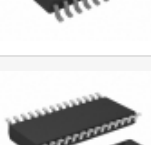
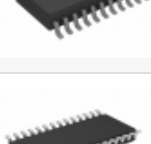
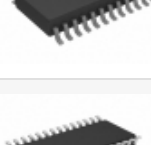
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16C63AT-20I/ML                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 7KB OTP 28QFN                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5556 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-QFN (6x6)                              | Speed                          | 20MHz                                                                                                                                                                                                                                                                                           |
| 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                      | Tape & Reel (TR)                                                                                                                                                                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28-VQFN Exposed Pad                       | Oscillator Type                | External                                                                                                                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of I/O                  | 22                                                                                                                                                                                                                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description           | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) OTP 28-QFN (6x6)                                                                                                                                                                                                                      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Core Size                      | 8-Bit                                                                                                                                                                                                                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                       | Connectivity                   | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC16C63A                                 |                                |                                                                                                                                                                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                     |
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Related keywords for PIC16C63AT-20I/ML

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