

PIC17C762T-16I/PT



**Part Number:** [PIC17C762T-16I/PT](#)

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

**Description:** IC MCU 8BIT 16KB OTP 80TQFP

**Data sheet:**  [Tips N Tricks Guide](#)  
 [Timer1 Errata](#)  
 [PIC17C7xx Data Sheet Errata](#)  
 [PIC17C75x,76x](#)

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

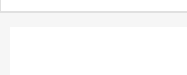
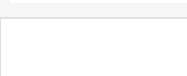
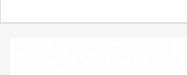
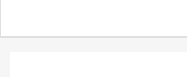
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC17C762T-16I/PT                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 16KB OTP 80TQFP               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4877 pcs                                  | Data sheet                     | <a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC17C7xx Data Sheet Errata</a><br><a href="#">PIC17C75x,76x</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80-TQFP (12x12)                           | Speed                          | 16MHz                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 17C                                  | RAM Size                       | 678 x 8                                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                       | Program Memory Size            | 16KB (8K x 16)                                                                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                      | Tape & Reel (TR)                                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80-TQFP                                   | Oscillator Type                | External                                                                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of I/O                  | 66                                                                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description           | PIC PIC® 17C Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) OTP 80-TQFP (12x12)                                                                       |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 16x10b                                | Core Size                      | 8-Bit                                                                                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                       | Connectivity                   | PC, SPI, UART/USART                                                                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC17C762                                 |                                |                                                                                                                                                      |
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|  | Part#: <a href="#">PIC17C762T-33/L</a><br>Description: IC MCU 8BIT 16KB OTP 84PLCC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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