

**PIC18F45K42T-I/ML**

**Manufacturer Part Number:**

PIC18F45K42T-I/ML

**Manufacturer/Brand:**

Micrel / Microchip Technology

**Part of Description:**

32KB FLASH, 2KB RAM, 256B EEPROM

**Datasheets:**

 [1.PIC18F45K42T-I/ML.pdf](#)

 [2.PIC18F45K42T-I/ML.pdf](#)

**RoHs Status:**

 Lead free / RoHS

**Stock Condition:**

Compliant  
New original, 2591 pcs Stock Available.

**Ship From:**

Hong Kong

**Shipment Way:**

DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

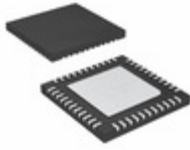
| Specifications                   |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| Part Number                      | <a href="#">PIC18F45K42T-I/ML</a>                                          |
| Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                              |
| Description                      | 32KB FLASH, 2KB RAM, 256B EEPROM                                           |
| Category                         | <a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a> |
| Part Status                      | 2591 pcs Stock                                                             |
| Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 5.5 V                                                              |
| Supplier Device Package          | 44-QFN (8x8)                                                               |
| Speed                            | 64MHz                                                                      |
| Series                           | PIC® XLP™ 18K                                                              |
| RAM Size                         | 2K x 8                                                                     |
| Program Memory Type              | FLASH                                                                      |
| Program Memory Size              | 32KB (16K x 16)                                                            |
| Peripherals                      | Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT                           |
| Packaging                        | Cut Tape (CT)                                                              |
| Package / Case                   | 44-VQFN Exposed Pad                                                        |
| Other Names                      | PIC18F45K42T-I/MLCT                                                        |
| Oscillator Type                  | Internal                                                                   |
| Operating Temperature            | -40°C ~ 85°C (TA)                                                          |
| Number of I/O                    | 36                                                                         |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                              |
| Manufacturer Standard Lead Time  | 5 Weeks                                                                    |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| EEPROM Size                      | 256 x 8                                                                    |
| Detailed Description             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz                           |
| Data Converters                  | A/D 35x12b, D/A 1x5b                                                       |
| Core Size                        | 8-Bit                                                                      |
| Core Processor                   | PIC                                                                        |
| Connectivity                     | I²C, LINbus, SPI, UART/USART                                               |

You May Be Also Be interested

In:



**PIC18F45K50-E/P**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 40DIP



**PIC18F45K42-I/ML**  
Micrel / Microchip Technology  
IC MCU 8BIT 32KB FLASH 44QFN



**PIC18F45K42-E/PT**  
Micrel / Microchip Technology  
32KB FLASH, 2KB RAM, 256B EEPROM



**PIC18F45K42T-I/MV**  
Micrel / Microchip Technology  
32KB FLASH, 2KB RAM, 256B EEPROM



**PIC18F45K42T-I/PT**  
Microchip Technology  
32KB FLASH, 2KB RAM, 256B EEPROM



**PIC18F45K50-E/MV**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 40UQFN



**PIC18F45K50-E/PT**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 44TQFP



**PIC18F45K42-I/MV**  
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IC MCU 8BIT 32KB FLASH 40UQFN

PIC18F45K42T-I/ML Related keyword

More

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| PIC18F45K42T-I/ML Micrel / Microchip Technology | PIC18F45K42T-I/ML Data Sheet   | PIC18F45K42T-I/ML Datasheets  | PIC18F45K42T-I/ML PDF   | Micrel / Microchip Technology<br>PIC18F45K42T-I/ML |
| PIC18F45K42T-I/ML Electronic                    | PIC18F45K42T-I/ML Components   | PIC18F45K42T-I/ML Distributor | PIC18F45K42T-I/ML Image | PIC18F45K42T-I/ML Part                             |
| PIC18F45K42T-I/ML Price                         | PIC18F45K42T-I/ML Manufacturer | PIC18F45K42T-I/ML Picture     | PIC18F45K42T-I/ML Stock | PIC18F45K42T-I/ML Inventory                        |
| PIC18F45K42T-I/ML New                           | PIC18F45K42T-I/ML Original     | PIC18F45K42T-I/ML Warranted   | PIC18F45K42T-I/ML RFQ   | PIC18F45K42T-I/ML Order Online                     |