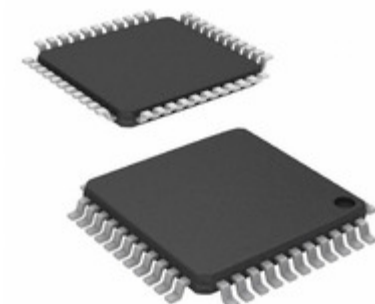


PIC18F45K50T-I/PT



Images are for reference only.  
See Product Specifications for product details.  
**Buy PIC18F45K50T-I/PT with confidence from  
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**Part Number:** [PIC18F45K50T-I/PT](#)

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

**Description:** IC MCU 8BIT 32KB FLASH 44TQFP

**Data sheet:**  [PIC18\(L\)F2x,45K50 Brief](#)  
 [PIC18\(L\)F24,25,45K50 Family Errata & Datasheet](#)  
 [B1618\(L\)F2X/45K50](#)

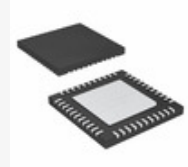
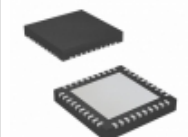
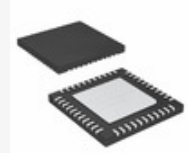
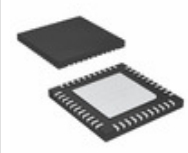
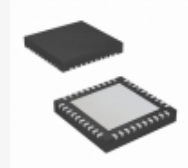
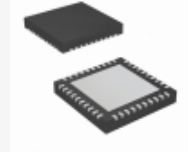
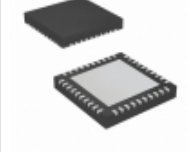
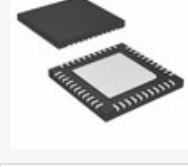
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F45K50T-I/PT                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 44TQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 35137 pcs                                 | Data sheet                       | <a href="#">PIC18(L)F2x,45K50 Brief</a><br><a href="#">PIC18(L)F24,25,45K50 Family Errata &amp; Datasheet Cla</a><br><a href="#">PIC18(L)F2X/45K50</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 5.5 V                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 44-TQFP (10x10)                           | Speed                            | 48MHz                                                                                                                                                  |
| 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, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44-TQFP                                   | Other Names                      | PIC18F45K50T-I/PT-ND<br>PIC18F45K50T-I/PTTR                                                                                                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 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 48MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)                                                                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 25x10b                                | Core Size                        | 8-Bit                                                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                       | Connectivity                     | I²C, SPI, UART/USART, USB                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC18F45K50                               |                                  |                                                                                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 35137 pieces of Micrel / Microchip Technology PIC18F45K50T-I/PT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F45K50-E/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42T-I/MV</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-E/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80T-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F45K50-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50T-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-H/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-E/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-E/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F45K42T-I/ML</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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