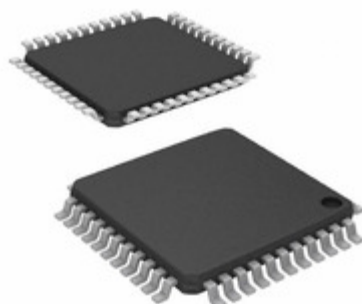


PIC18F45K80T-I/PT





Part Number: [PIC18F45K80T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44TQFP

Data sheet:  [PIC18F25K80 Family Data Sheet](#)  
 [PIC18F66K80 Family Errata & Datasheet Clarificatio](#)

RoHs Status: Lead free / RoHS Compliant

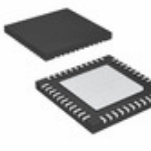
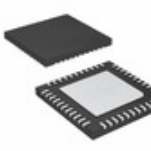
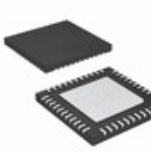
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                  |                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F45K80T-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 35536 pcs                                  | Data sheet                       | <a href="#">PIC18F25K80 Family Data Sheet</a><br><a href="#">PIC18F66K80 Family Errata &amp; Datasheet Clarificatio</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 44-TQFP (10x10)                            | Speed                            | 64MHz                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                              | RAM Size                         | 3.6K x 8                                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                      | Program Memory Size              | 32KB (16K x 16)                                                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44-TQFP                                    | Other Names                      | PIC18F45K80T-I/PT-ND<br>PIC18F45K80T-I/PTTR                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 35                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                              |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1K x 8                                     | Detailed Description             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)                                  |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 11x12b                                 | Core Size                        | 8-Bit                                                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                        | Connectivity                     | ECANbus, I²C, LINbus, SPI, UART/USART                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC18F45K80                                |                                  |                                                                                                                         |
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|  | Part#: <a href="#">PIC18F4610-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F45K80-E/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4610T-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN   | 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> |
|  | Part#: <a href="#">PIC18F4610-E/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN    | 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="#">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="#">PIC18F4610-I/P</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K80-H/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4620-E/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN    | 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="#">PIC18F45K80-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4610-E/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50T-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/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4610-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4620-E/P</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4610-E/P</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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