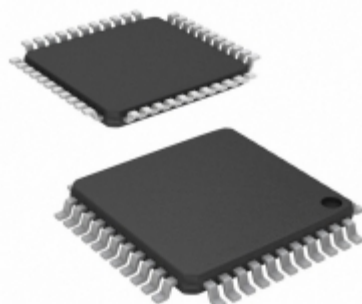


PIC18LF45K80-I/PT





Part Number:

PIC18LF45K80-I/PT

Manufacturer:

Microchip Technology

Description:

IC MCU 8BIT 32KB FLASH 44TQFP

Data sheet:

 [PIC18F25K80 Family Data Sheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

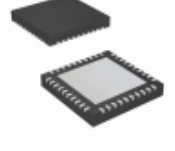
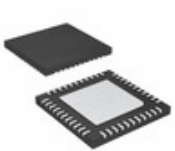
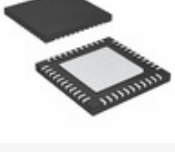
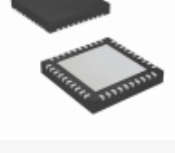
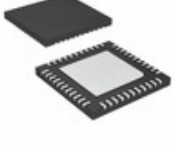
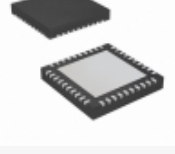
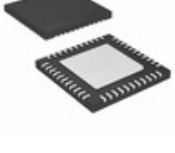
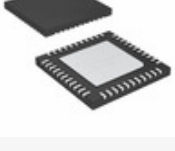
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                 |                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18LF45K80-I/PT                          | Manufacturer                    | <a href="#">Microchip Technology</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 44TQFP              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 41770 pcs                                  | Data sheet                      | <a href="#">PIC18F25K80 Family Data Sheet</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)      | FLASH                                                                                  |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44-TQFP (10x10)                            | Series                          | PIC® XLP™ 18K                                                                          |
| RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tray                                       | Reverse Recovery Time (trr)     | 64MHz                                                                                  |
| Requires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Program Memory Type             | 32KB (16K x 16)                                                                        |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ECAN, I²C, LIN, SPI, UART/USART            | Polarization                    | 44-TQFP                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18LF45K80IPT                            | Oscillator Type                 | A/D 11x12b                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                          | Operating System                | PIC                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                              | Manufacturer Standard Lead Time | 12 Weeks                                                                               |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC18LF45K80-I/PT                          | Expanded Description            | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 44-TQFP (10x10) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 44TQFP              | Data SRAM Bytes                 | 1K x 8                                                                                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.8 V ~ 3.6 V                              | Core Size                       | 3.6K x 8                                                                               |
| Controller Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                   | Connectivity                    | 8-Bit                                                                                  |
| Clock Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 35                                         |                                 |                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF45K50-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K50T-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K50-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K50-E/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K80-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K80T-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K50T-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF4610-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF4610T-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF45K50-E/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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